

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083122\
 Data File : VN074203.D
 Acq On : 31 Aug 2022 09:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/01/2022
 Supervised By : Mahesh Dadoda 09/02/2022

Quant Time: Sep 01 00:19:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.010	168	202668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	355199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	337015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	162477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	168194	53.499	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.000%			
35) Dibromofluoromethane	7.945	113	125833	54.441	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.880%			
50) Toluene-d8	10.380	98	525850	57.770	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 115.540%#			
62) 4-Bromofluorobenzene	12.669	95	174878	63.176	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 126.360%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	101151	48.235	ug/l	97
3) Chloromethane	2.269	50	174942	59.227	ug/l	98
4) Vinyl Chloride	2.405	62	167237	56.979	ug/l	98
5) Bromomethane	2.793	94	93566	58.308	ug/l	99
6) Chloroethane	2.957	64	114656	59.695	ug/l	99
7) Trichlorofluoromethane	3.310	101	192835	42.977	ug/l	100
8) Diethyl Ether	3.763	74	91642	48.026	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.134	101	122446	47.785	ug/l	90
10) Methyl Iodide	4.346	142	119794	57.922	ug/l	94
11) Tert butyl alcohol	5.281	59	173411	245.299	ug/l	99
12) 1,1-Dichloroethene	4.116	96	115198	48.480	ug/l	92
13) Acrolein	3.975	56	157942	227.262	ug/l	93
14) Allyl chloride	4.763	41	278036	52.471	ug/l #	91
15) Acrylonitrile	5.469	53	563140	247.944	ug/l	98
16) Acetone	4.216	43	471877	224.620	ug/l	96
17) Carbon Disulfide	4.463	76	331038	48.952	ug/l	98
18) Methyl Acetate	4.769	43	278792	52.507	ug/l #	88
19) Methyl tert-butyl Ether	5.522	73	453575	51.605	ug/l	99
20) Methylene Chloride	5.004	84	149115	53.033	ug/l #	84
21) trans-1,2-Dichloroethene	5.510	96	129154	47.093	ug/l	96
22) Diisopropyl ether	6.410	45	579094	53.640	ug/l #	95
23) Vinyl Acetate	6.345	43	2557832	280.617	ug/l #	92
24) 1,1-Dichloroethane	6.304	63	272637	51.191	ug/l	99
25) 2-Butanone	7.257	43	841793	250.486	ug/l #	85
26) 2,2-Dichloropropane	7.245	77	205526	59.790	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	155332	50.708	ug/l	91
28) Bromochloromethane	7.587	49	98831	55.735	ug/l #	70
29) Tetrahydrofuran	7.604	42	563880	263.465	ug/l #	84
30) Chloroform	7.745	83	276867	50.996	ug/l	97
31) Cyclohexane	8.016	56	283862	54.646	ug/l #	83
32) 1,1,1-Trichloroethane	7.939	97	217478	52.085	ug/l	96
36) 1,1-Dichloropropene	8.145	75	204421	54.509	ug/l	95
37) Ethyl Acetate	7.334	43	322642	51.443	ug/l #	93
38) Carbon Tetrachloride	8.134	117	181207	53.051	ug/l	97
39) Methylcyclohexane	9.392	83	256576	58.281	ug/l	96
40) Benzene	8.386	78	647182	54.961	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083122\
 Data File : VN074203.D
 Acq On : 31 Aug 2022 09:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 01 00:19:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/01/2022
 Supervised By : Mahesh Dadoda 09/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	152434	52.654	ug/l #	81
42) 1,2-Dichloroethane	8.463	62	212824	50.787	ug/l	99
43) Isopropyl Acetate	8.492	43	471641	55.939	ug/l #	91
44) Trichloroethene	9.151	130	137359	52.202	ug/l	93
45) 1,2-Dichloropropane	9.422	63	170993	53.783	ug/l	99
46) Dibromomethane	9.510	93	107343	50.553	ug/l #	87
47) Bromodichloromethane	9.698	83	212054	50.962	ug/l	99
48) Methyl methacrylate	9.498	41	224904	56.156	ug/l	88
49) 1,4-Dioxane	9.498	88	81092	938.512	ug/l #	89
51) 4-Methyl-2-Pentanone	10.269	43	1659463	271.195	ug/l	89
52) Toluene	10.439	92	390706	56.292	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	231411	58.655	ug/l	95
54) cis-1,3-Dichloropropene	10.128	75	255532	57.853	ug/l #	89
55) 1,1,2-Trichloroethane	10.833	97	155953	51.946	ug/l	97
56) Ethyl methacrylate	10.698	69	274337	60.286	ug/l #	83
57) 1,3-Dichloropropane	10.980	76	282425	54.129	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	659386	286.443	ug/l #	88
59) 2-Hexanone	11.022	43	1272064	273.936	ug/l	88
60) Dibromochloromethane	11.180	129	150406	53.486	ug/l	95
61) 1,2-Dibromoethane	11.286	107	157847	55.023	ug/l	100
64) Tetrachloroethene	10.916	164	119112	48.794	ug/l	93
65) Chlorobenzene	11.710	112	393879	51.938	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	139307	51.682	ug/l	99
67) Ethyl Benzene	11.780	91	761063	55.922	ug/l	100
68) m/p-Xylenes	11.892	106	568108	112.370	ug/l	93
69) o-Xylene	12.216	106	289598	57.487	ug/l	98
70) Styrene	12.233	104	474690	59.146	ug/l	100
71) Bromoform	12.398	173	113992	49.928	ug/l #	97
73) Isopropylbenzene	12.516	105	746056	53.617	ug/l	99
74) N-amyl acetate	12.327	43	408851	51.934	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.769	83	271333	47.021	ug/l	97
76) 1,2,3-Trichloropropane	12.822	75	213044m	55.217	ug/l	
77) Bromobenzene	12.798	156	163113	50.114	ug/l	82
78) n-propylbenzene	12.857	91	914959	57.687	ug/l	96
79) 2-Chlorotoluene	12.945	91	507725	52.261	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	610628	53.960	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.563	75	86853	55.486	ug/l	93
82) 4-Chlorotoluene	13.039	91	507654	54.003	ug/l	99
83) tert-Butylbenzene	13.263	119	533982	55.163	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	617767	56.564	ug/l	99
85) sec-Butylbenzene	13.439	105	800046	58.919	ug/l	97
86) p-Isopropyltoluene	13.551	119	632197	59.834	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	308183	53.116	ug/l	100
88) 1,4-Dichlorobenzene	13.633	146	308622	51.416	ug/l	99
89) n-Butylbenzene	13.880	91	578015	62.813	ug/l	97
90) Hexachloroethane	14.151	117	111310	51.100	ug/l	81
91) 1,2-Dichlorobenzene	13.927	146	314148	51.364	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	56330	48.839	ug/l	88
93) 1,2,4-Trichlorobenzene	15.192	180	165839	55.433	ug/l	99
94) Hexachlorobutadiene	15.298	225	72030	48.959	ug/l	98
95) Naphthalene	15.433	128	619530	50.244	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	168658	54.420	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083122\
Data File : VN074203.D
Acq On : 31 Aug 2022 09:29
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

Quant Time: Sep 01 00:19:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 31 07:02:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083122\
 Data File : VN074203.D
 Acq On : 31 Aug 2022 09:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022

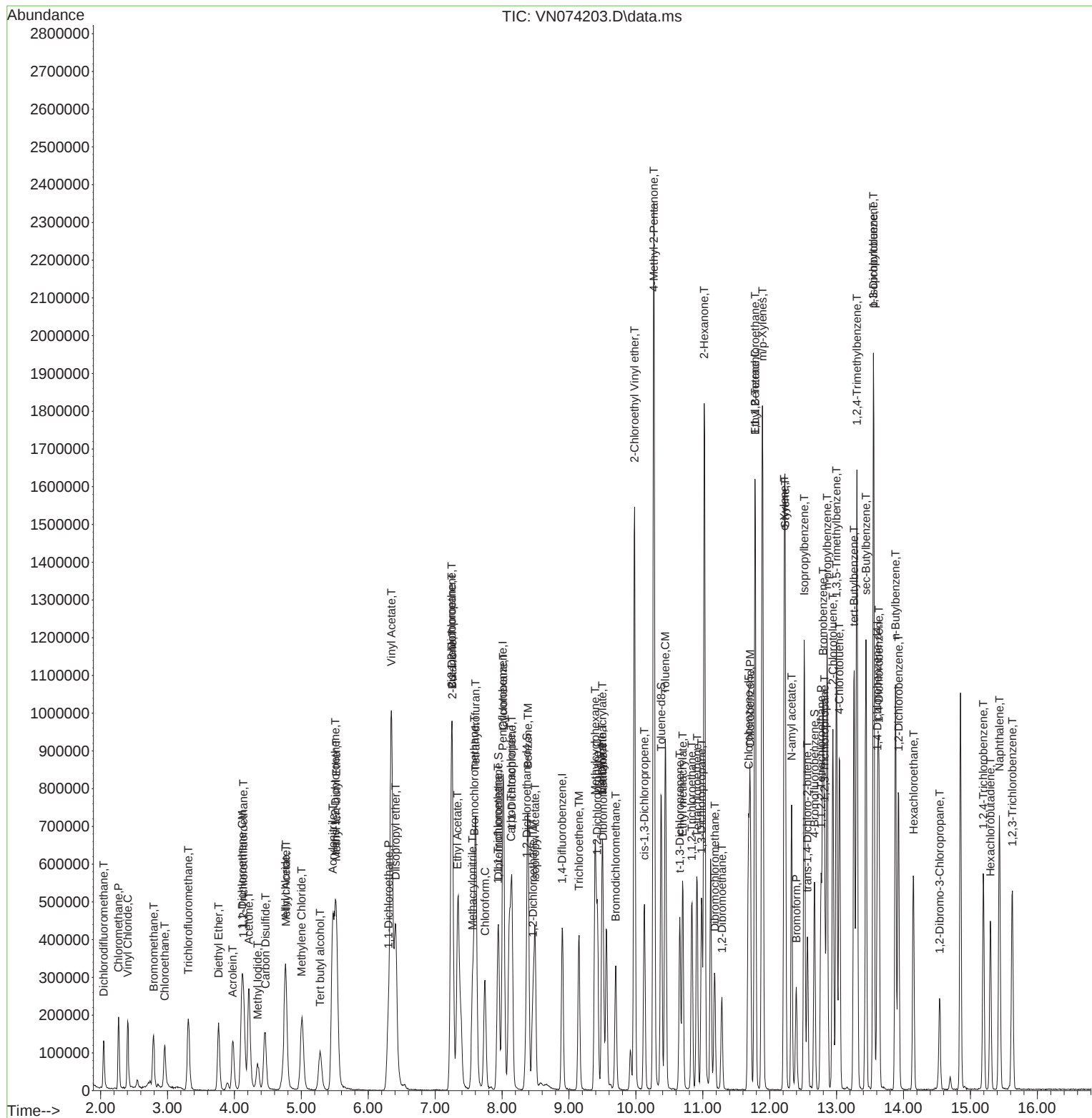
Quant Time: Sep 01 00:19:41 2022

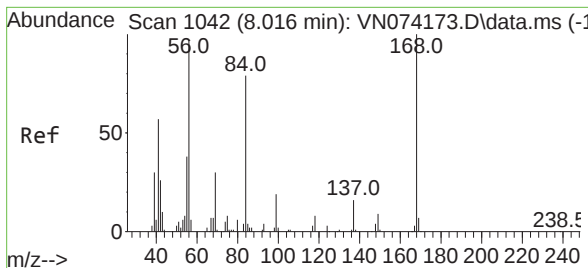
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M

Quant Title : SW846 8260

QLast Update : Wed Aug 31 07:02:40 2022

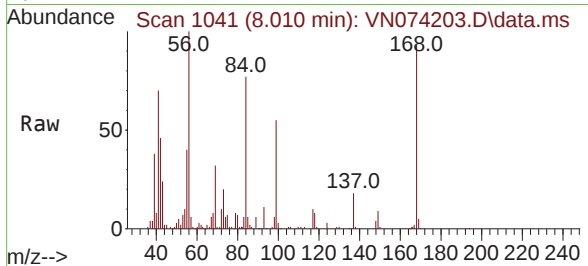
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

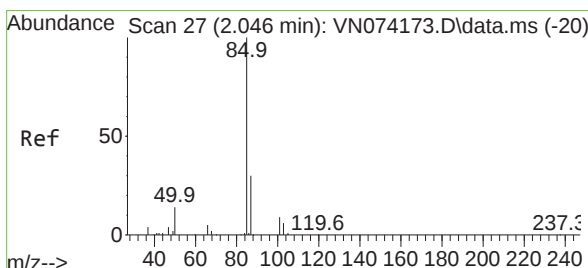
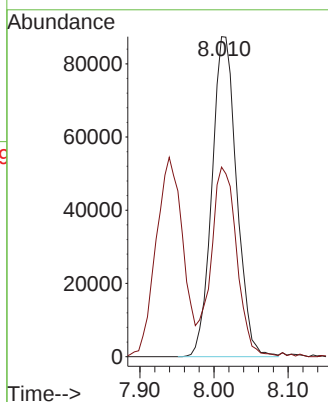
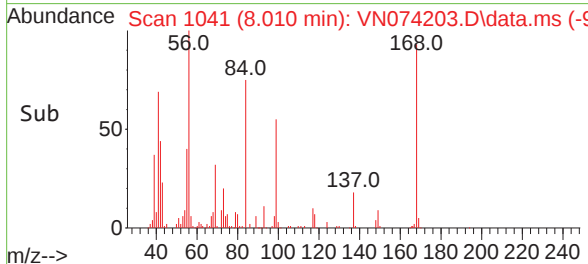
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



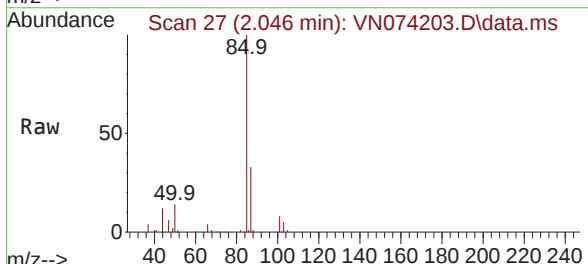
Tgt Ion: 168 Resp: 202668
Ion Ratio Lower Upper
168 100
99 58.9 42.3 63.5

Manual Integrations
APPROVED

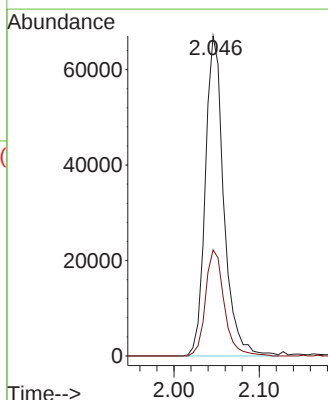
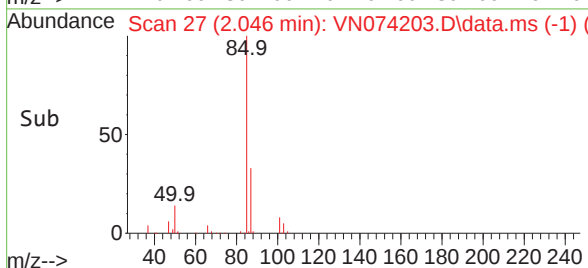
Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

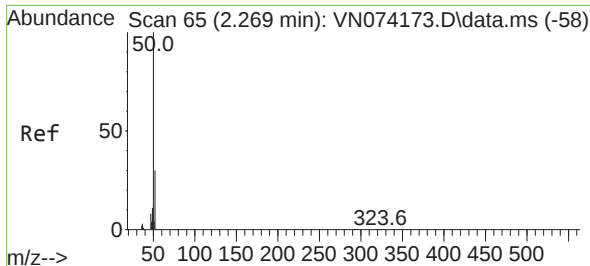


#2
Dichlorodifluoromethane
Concen: 48.235 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29



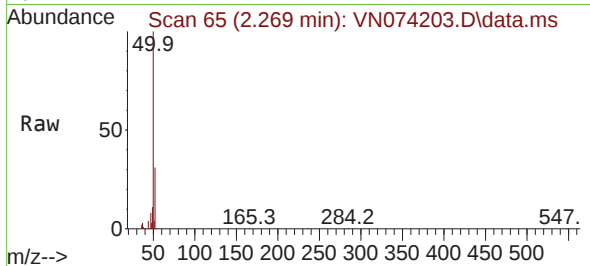
Tgt Ion: 85 Resp: 101151
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.1





#3
Chloromethane
Concen: 59.227 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

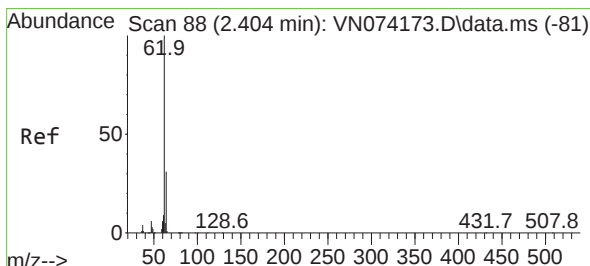
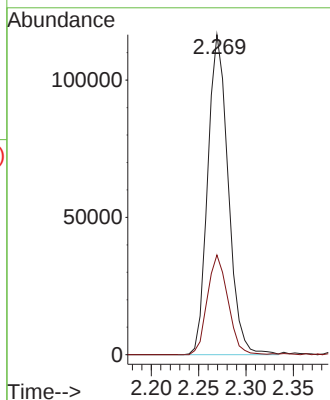
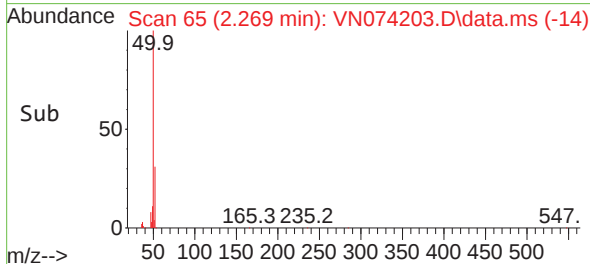
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



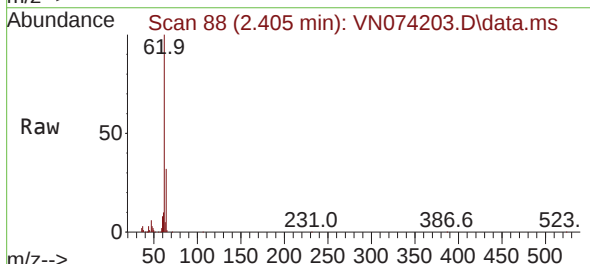
Tgt Ion: 50 Resp: 17494
Ion Ratio Lower Upper
50 100
52 31.1 25.7 38.5

Manual Integrations
APPROVED

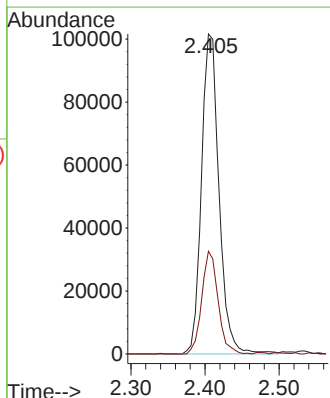
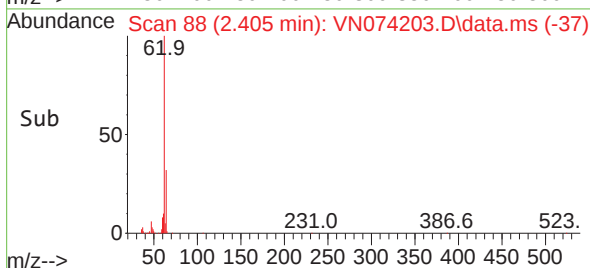
Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

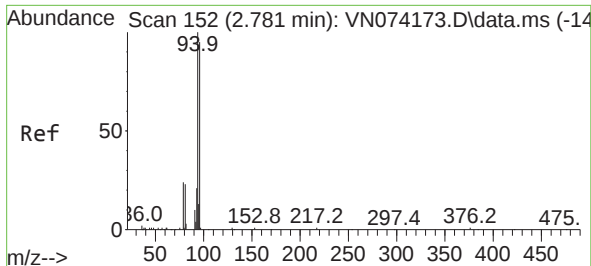


#4
Vinyl Chloride
Concen: 56.979 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29



Tgt Ion: 62 Resp: 167237
Ion Ratio Lower Upper
62 100
64 32.1 25.0 37.4





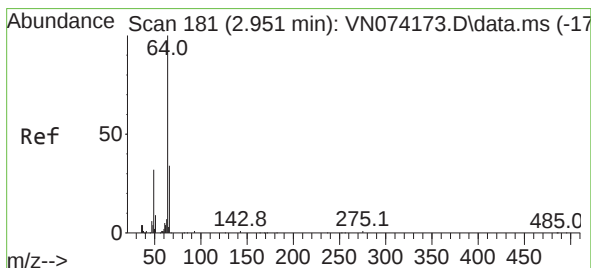
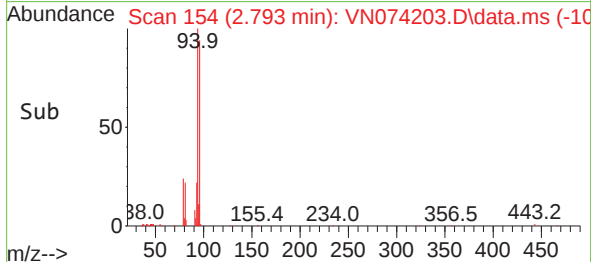
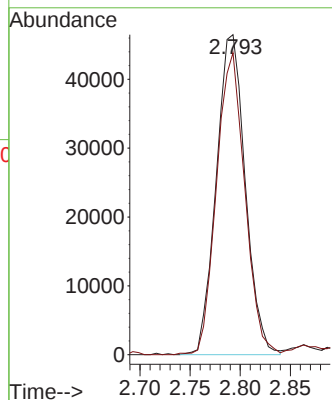
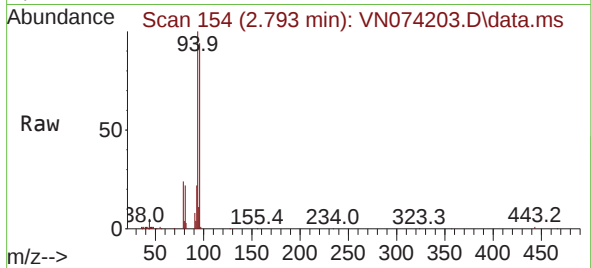
#5
Bromomethane
Concen: 58.308 ug/l
RT: 2.793 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 9356
Ion Ratio Lower Upper
94 100
96 93.9 76.0 114.0

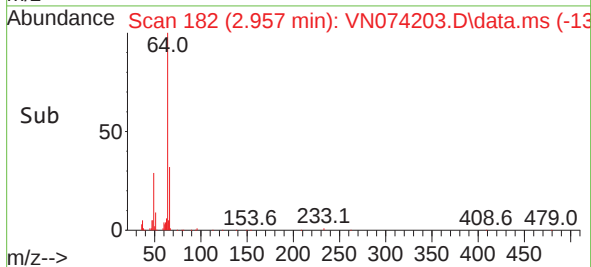
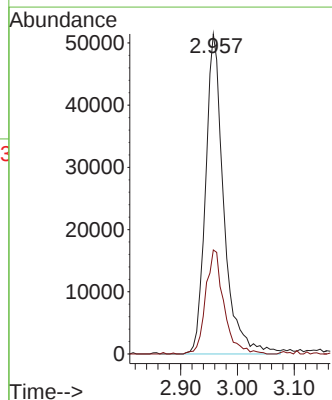
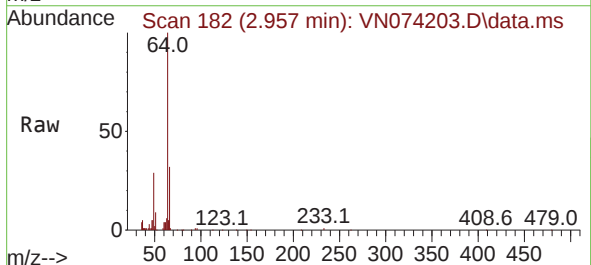
Manual Integrations
APPROVED

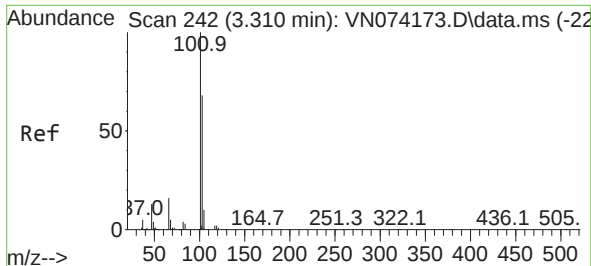
Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#6
Chloroethane
Concen: 59.695 ug/l
RT: 2.957 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

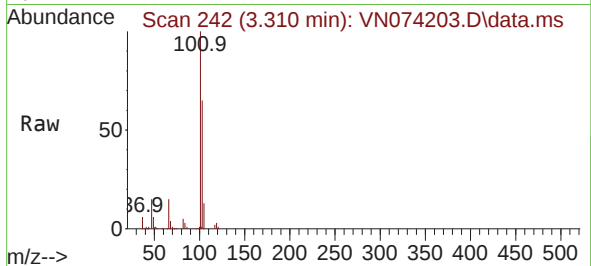
Tgt Ion: 64 Resp: 114656
Ion Ratio Lower Upper
64 100
66 32.5 26.2 39.4





#7
Trichlorofluoromethane
Concen: 42.977 ug/l
RT: 3.310 min Scan# 242
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

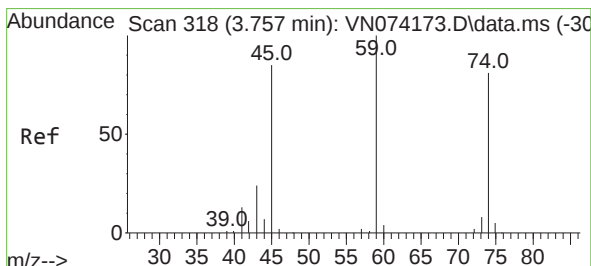
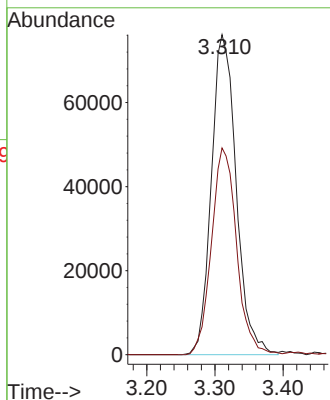
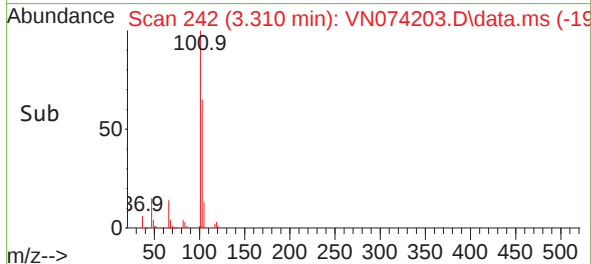
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 192835
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3

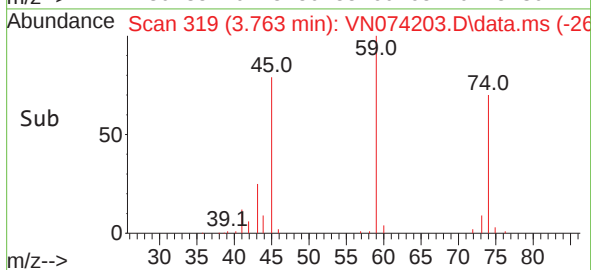
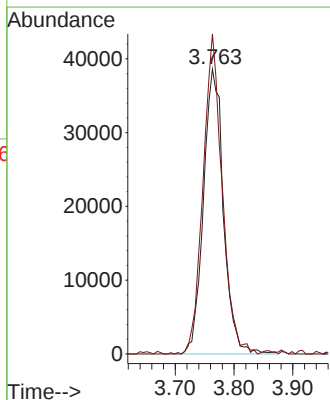
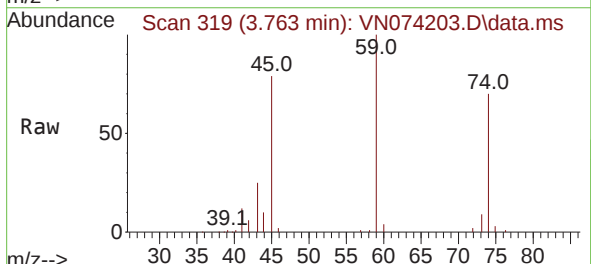
Manual Integrations
APPROVED

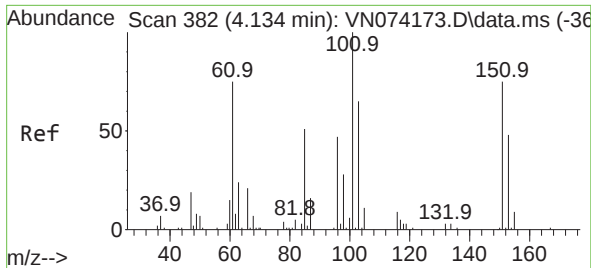
Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#8
Diethyl Ether
Concen: 48.026 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.006 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

Tgt Ion: 74 Resp: 91642
Ion Ratio Lower Upper
74 100
45 107.2 42.9 128.5





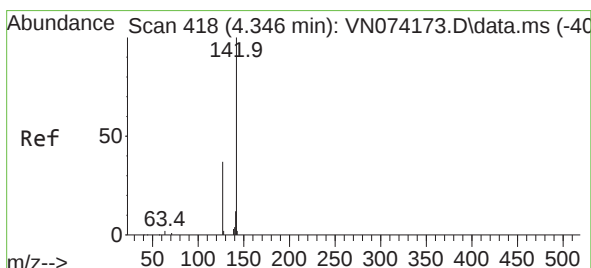
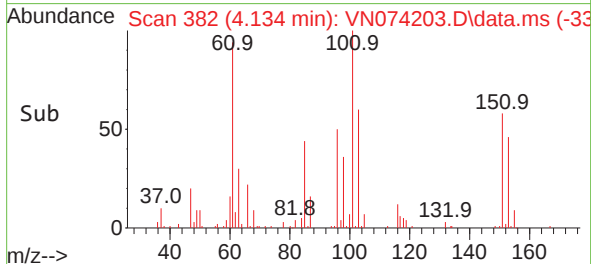
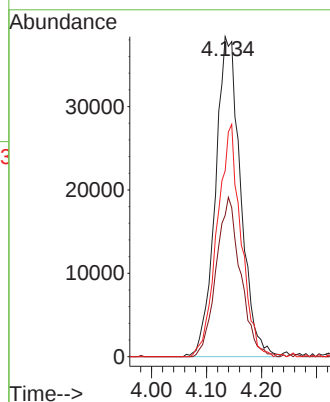
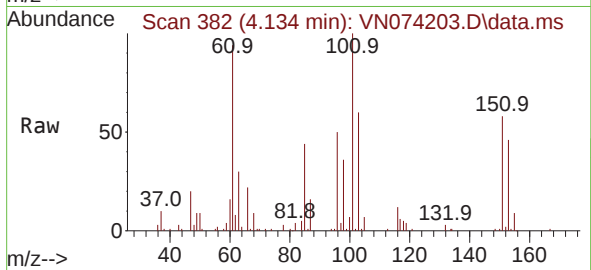
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.785 ug/l
RT: 4.134 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 122440
Ion Ratio Lower Upper
101 100
85 48.2 34.7 52.1
151 68.4 63.0 94.4

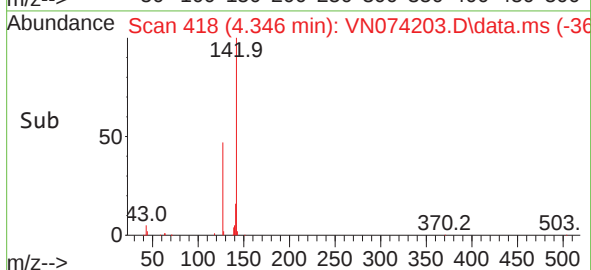
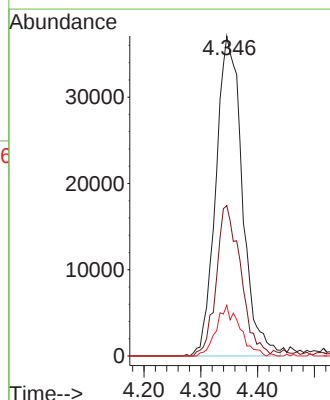
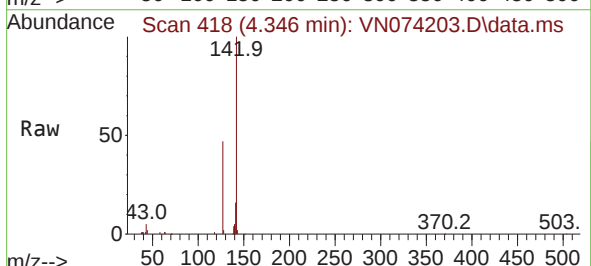
Manual Integrations
APPROVED

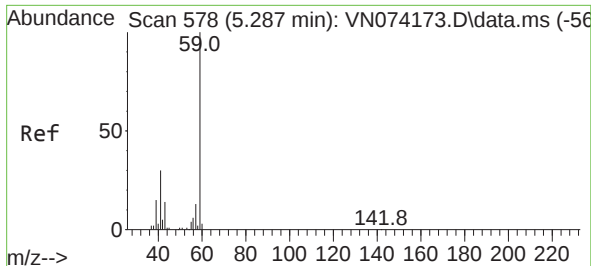
Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#10
Methyl Iodide
Concen: 57.922 ug/l
RT: 4.346 min Scan# 418
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

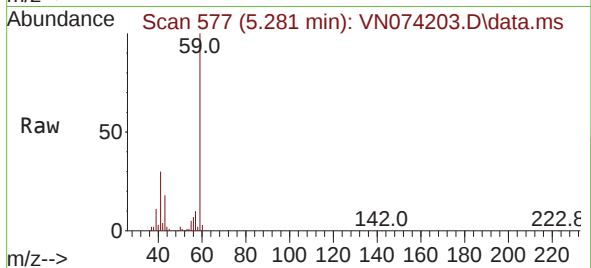
Tgt Ion:142 Resp: 119794
Ion Ratio Lower Upper
142 100
127 43.6 31.3 46.9
141 14.1 11.2 16.8





#11
Tert butyl alcohol
Concen: 245.299 ug/l
RT: 5.281 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

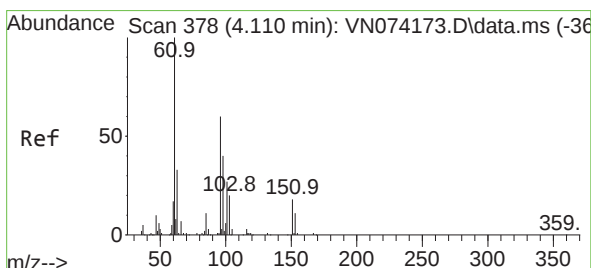
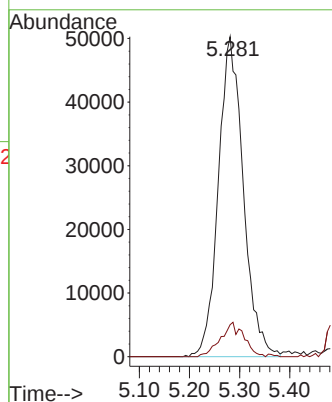
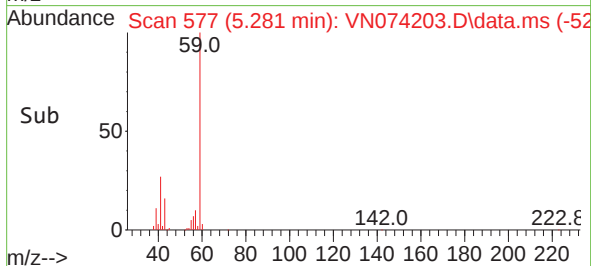
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



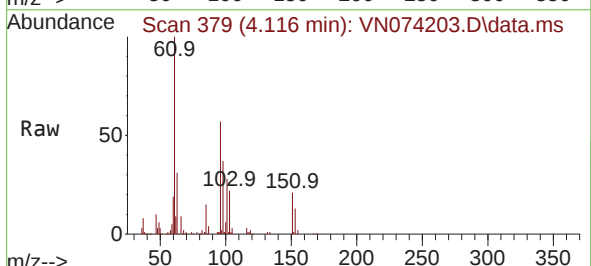
Tgt Ion: 59 Resp: 17341
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

Manual Integrations
APPROVED

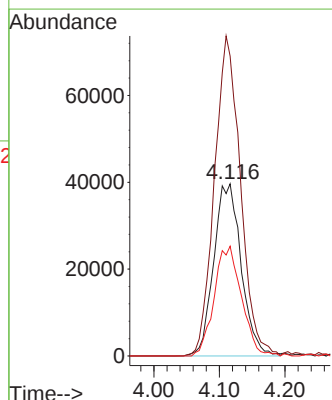
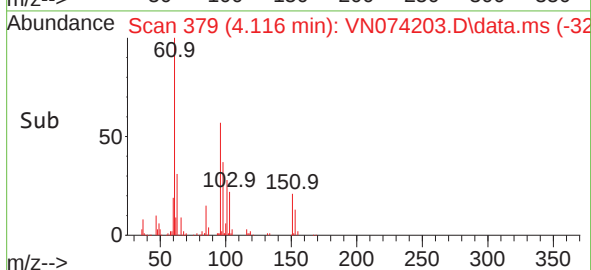
Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

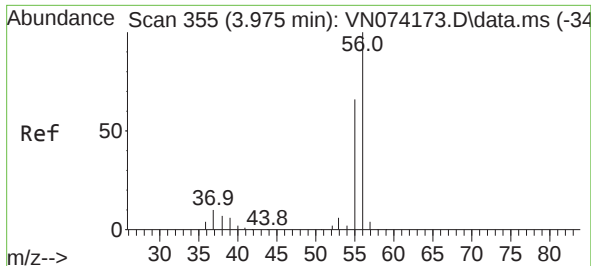


#12
1,1-Dichloroethene
Concen: 48.480 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29



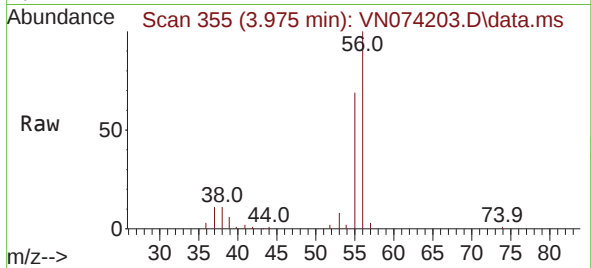
Tgt Ion: 96 Resp: 115198
Ion Ratio Lower Upper
96 100
61 174.1 127.6 191.4
98 63.8 51.2 76.8





#13
Acrolein
Concen: 227.262 ug/l
RT: 3.975 min Scan# 355
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

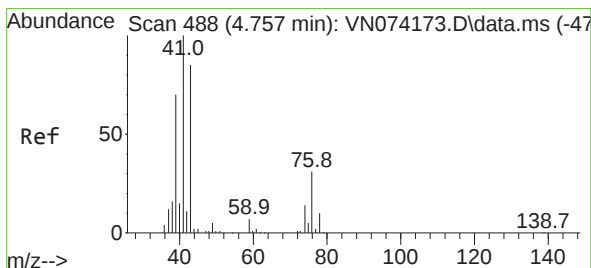
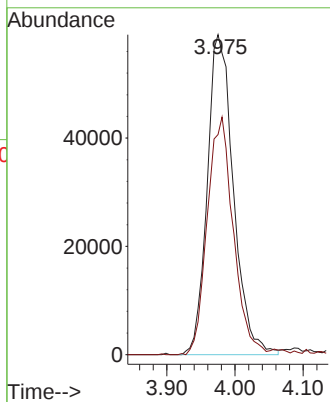
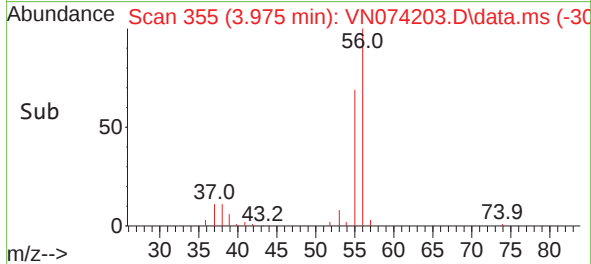
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 157942
Ion Ratio Lower Upper
56 100
55 73.9 54.8 82.2

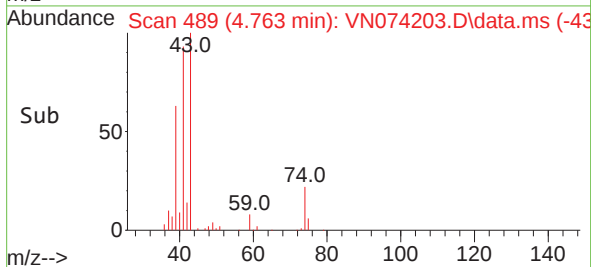
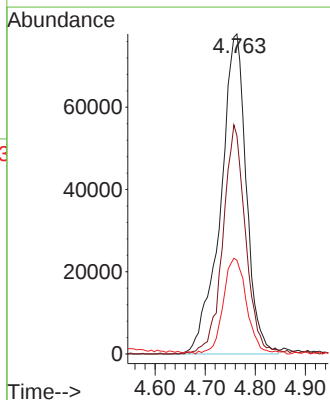
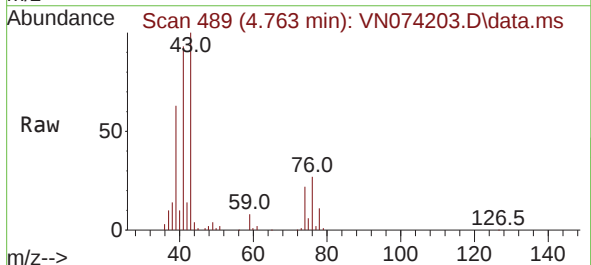
Manual Integrations
APPROVED

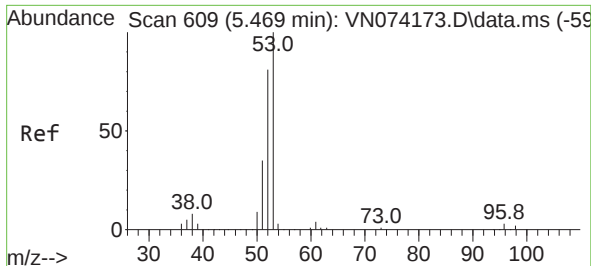
Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#14
Allyl chloride
Concen: 52.471 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.006 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

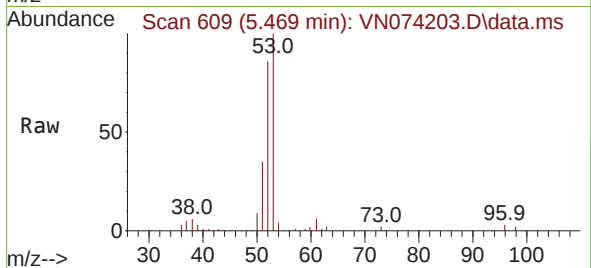
Tgt Ion: 41 Resp: 278036
Ion Ratio Lower Upper
41 100
39 63.1 53.2 79.8
76 27.1 29.9 44.9#





#15
Acrylonitrile
Concen: 247.944 ug/l
RT: 5.469 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

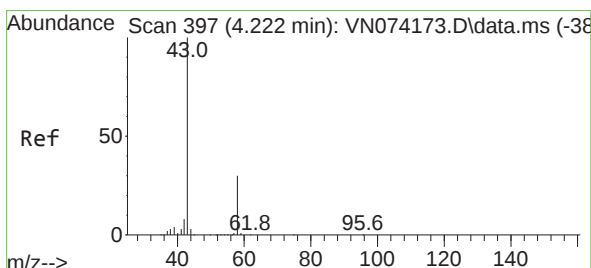
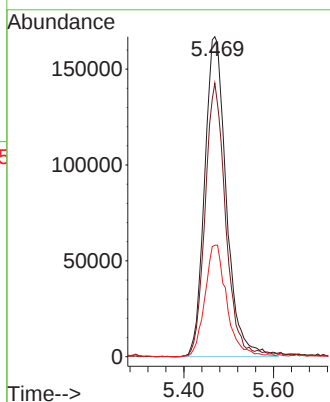
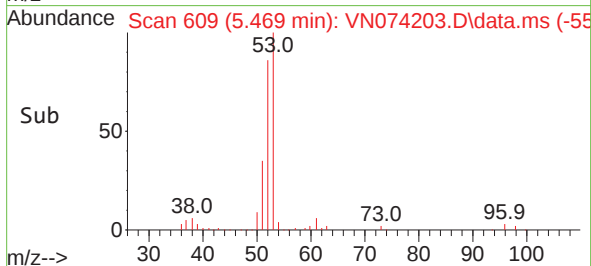
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



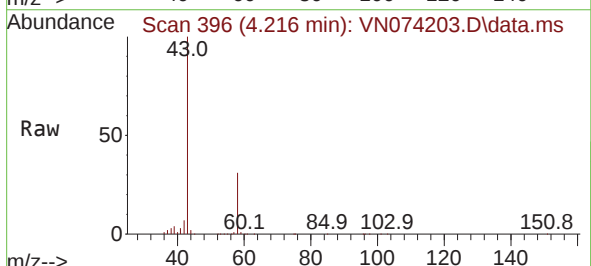
Tgt Ion: 53 Resp: 563140
Ion Ratio Lower Upper
53 100
52 80.6 66.4 99.6
51 35.1 28.5 42.7

Manual Integrations
APPROVED

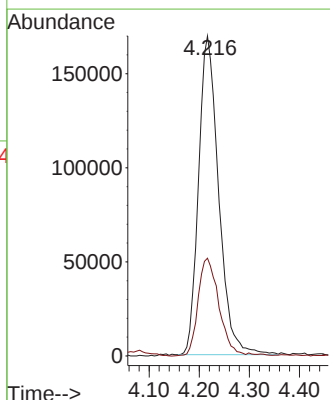
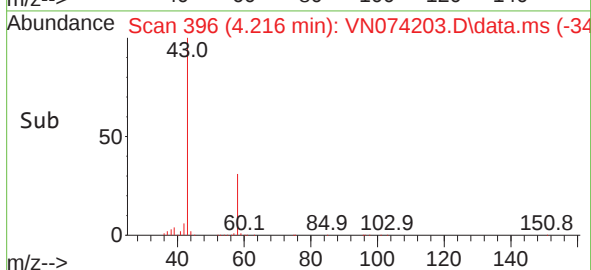
Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

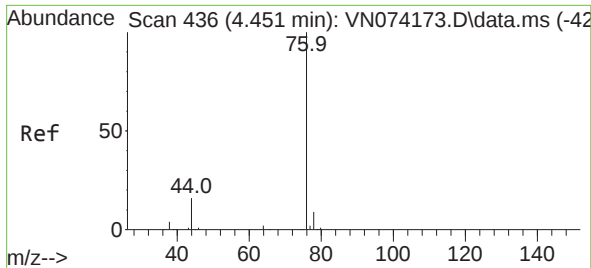


#16
Acetone
Concen: 224.620 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29



Tgt Ion: 43 Resp: 471877
Ion Ratio Lower Upper
43 100
58 30.5 26.0 39.0





#17

Carbon Disulfide

Concen: 48.952 ug/l

RT: 4.463 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN074203.D

Acq: 31 Aug 2022 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 331038

Ion Ratio Lower Upper

76 100

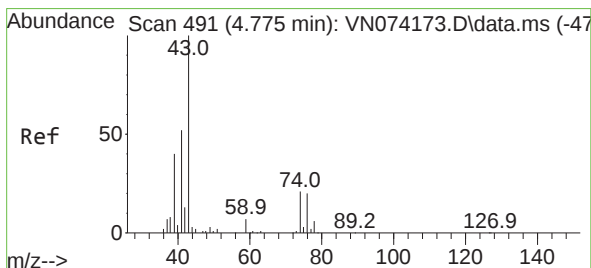
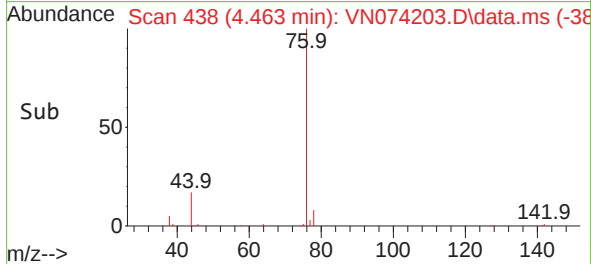
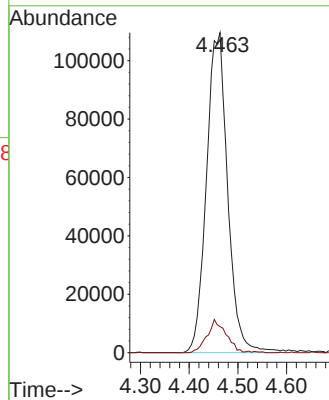
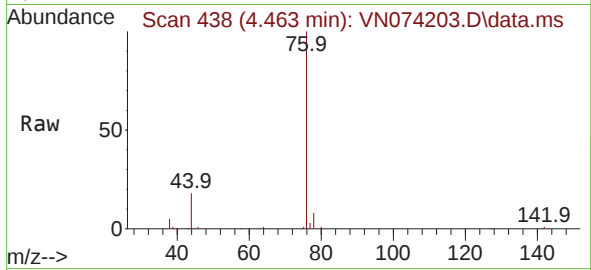
78 8.1 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#18

Methyl Acetate

Concen: 52.507 ug/l

RT: 4.769 min Scan# 490

Delta R.T. -0.006 min

Lab File: VN074203.D

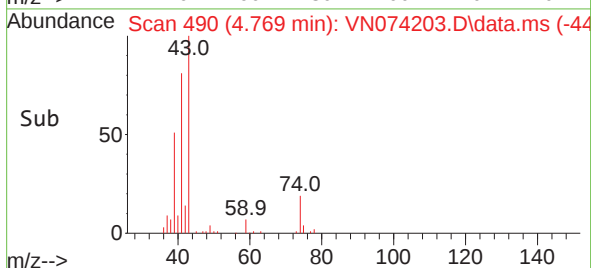
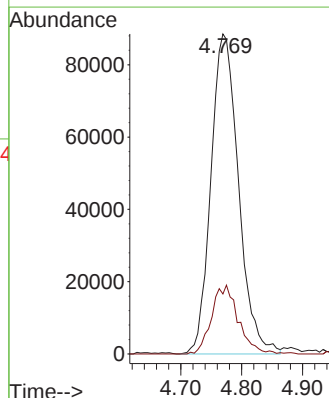
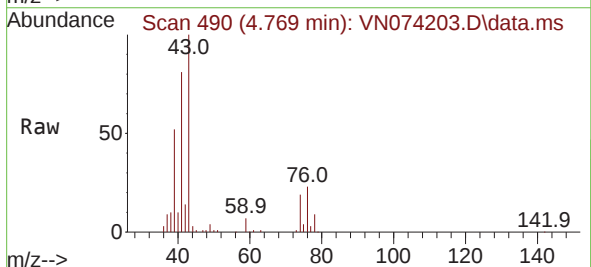
Acq: 31 Aug 2022 09:29

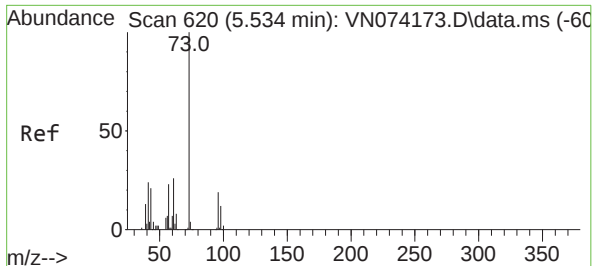
Tgt Ion: 43 Resp: 278792

Ion Ratio Lower Upper

43 100

74 20.8 21.6 32.4#





#19

Methyl tert-butyl Ether

Concen: 51.605 ug/l

RT: 5.522 min Scan# 61

Delta R.T. -0.012 min

Lab File: VN074203.D

Acq: 31 Aug 2022 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 45357

Ion Ratio Lower Upper

73 100

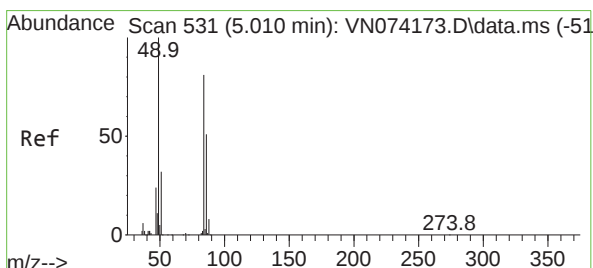
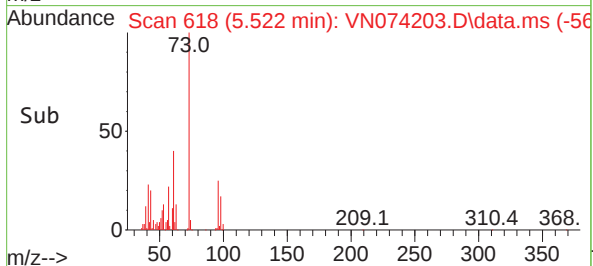
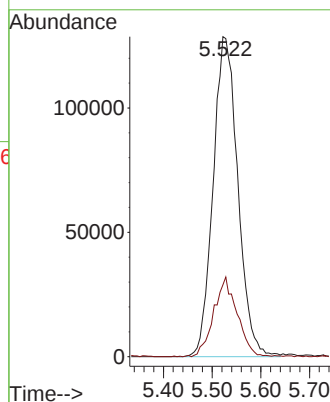
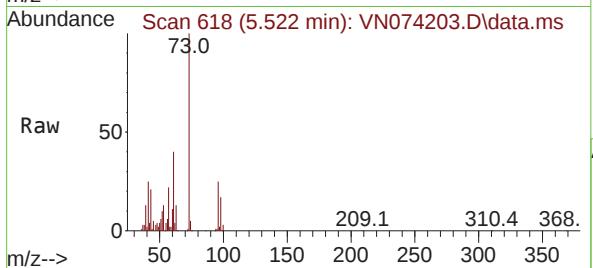
57 22.3 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#20

Methylene Chloride

Concen: 53.033 ug/l

RT: 5.004 min Scan# 530

Delta R.T. -0.006 min

Lab File: VN074203.D

Acq: 31 Aug 2022 09:29

Tgt Ion: 84 Resp: 149115

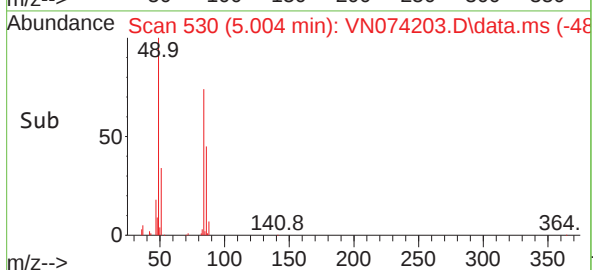
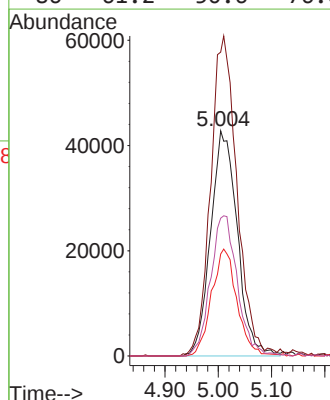
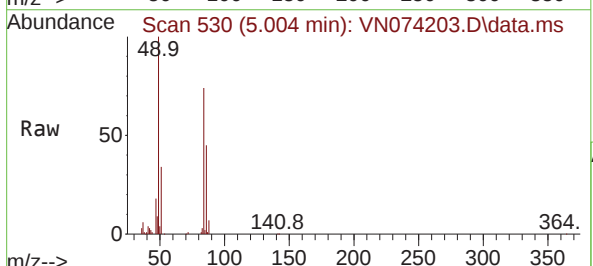
Ion Ratio Lower Upper

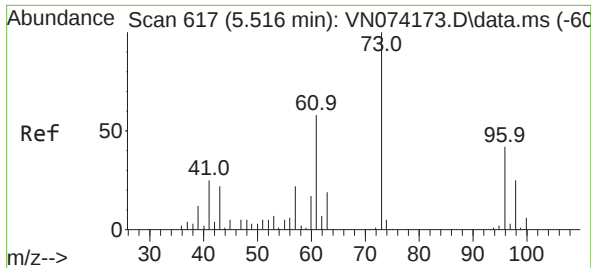
84 100

49 135.0 88.3 132.5#

51 45.3 28.2 42.2#

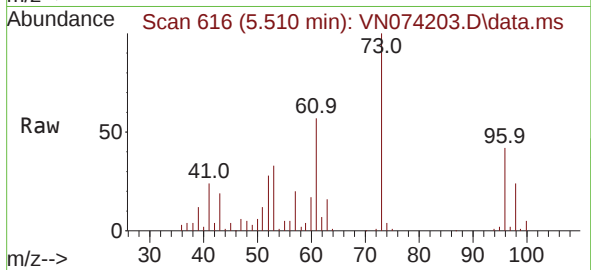
86 61.2 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 47.093 ug/l
RT: 5.510 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

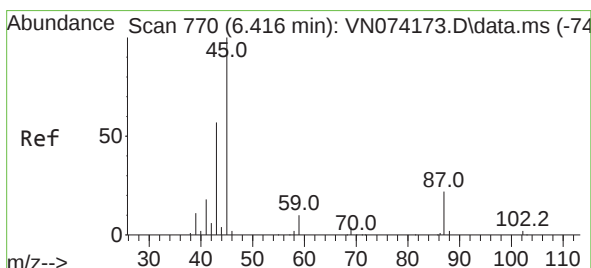
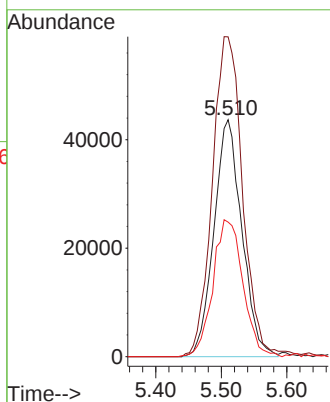
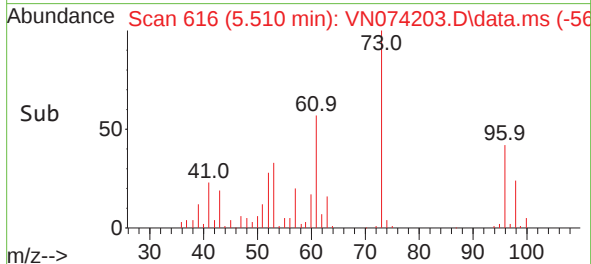
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 129154
Ion Ratio Lower Upper
96 100
61 135.0 105.8 158.8
98 56.8 50.3 75.5

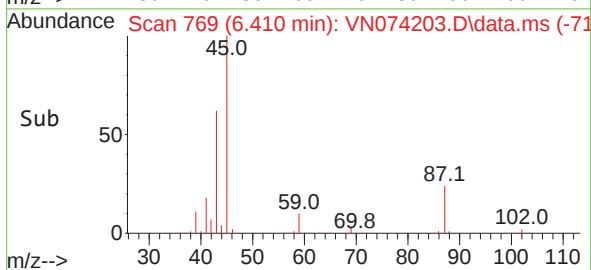
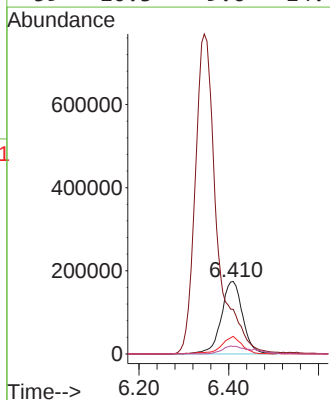
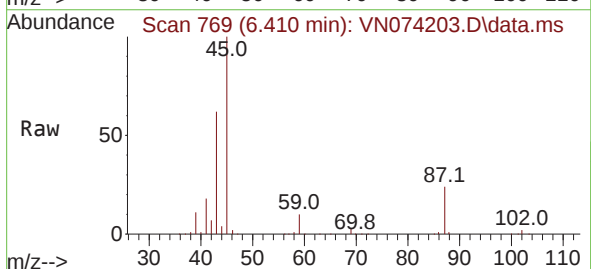
Manual Integrations
APPROVED

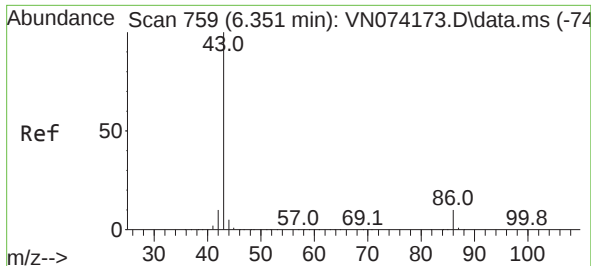
Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#22
Diisopropyl ether
Concen: 53.640 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.006 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

Tgt Ion: 45 Resp: 579094
Ion Ratio Lower Upper
45 100
43 59.4 46.6 70.0
87 23.7 24.3 36.5#
59 10.3 9.6 14.4





#23
 Vinyl Acetate
 Concen: 280.617 ug/l
 RT: 6.345 min Scan# 758
 Delta R.T. -0.006 min
 Lab File: VN074203.D
 Acq: 31 Aug 2022 09:29

Instrument :

MSVOA_N

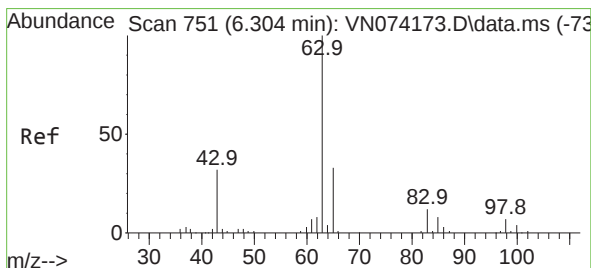
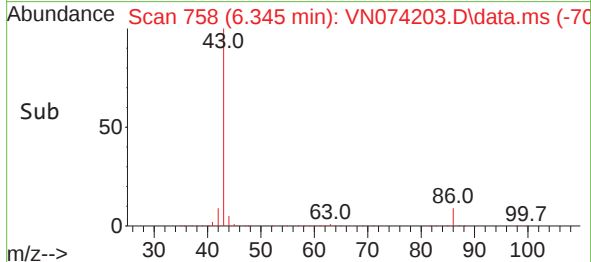
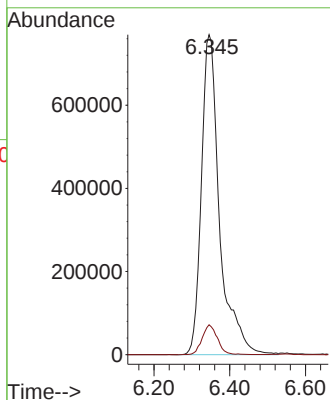
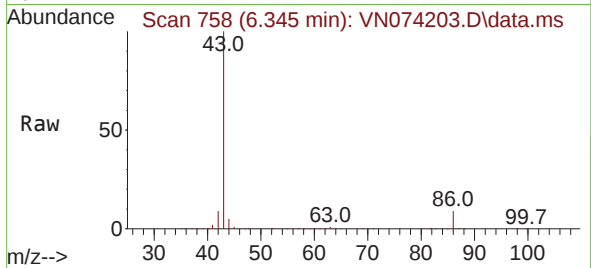
ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 255783
 Ion Ratio Lower Upper
 43 100
 86 9.4 10.0 15.0

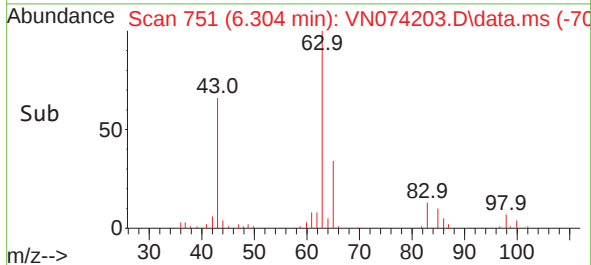
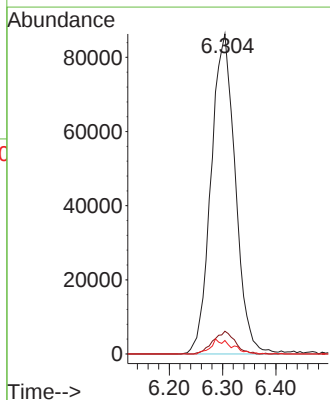
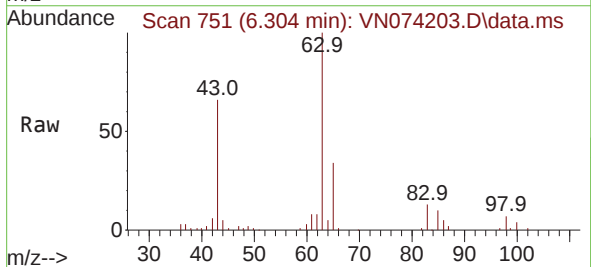
Manual Integrations
 APPROVED

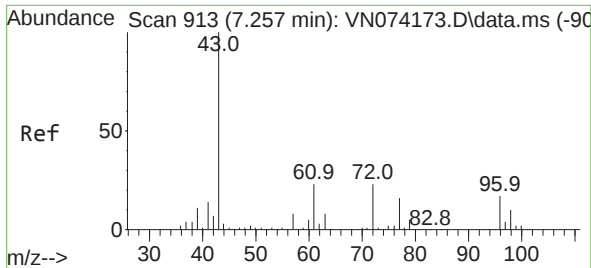
Reviewed By :John Carlone 09/01/2022
 Supervised By :Mahesh Dadoda 09/02/2022



#24
 1,1-Dichloroethane
 Concen: 51.191 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN074203.D
 Acq: 31 Aug 2022 09:29

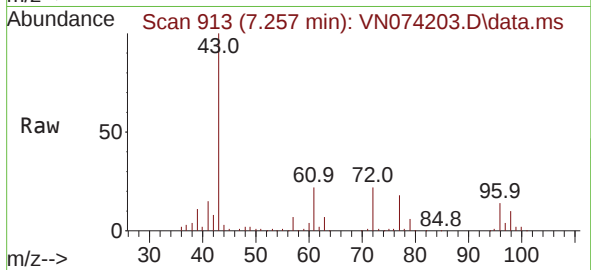
Tgt Ion: 63 Resp: 272637
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 4.2 2.3 6.8





#25
2-Butanone
Concen: 250.486 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

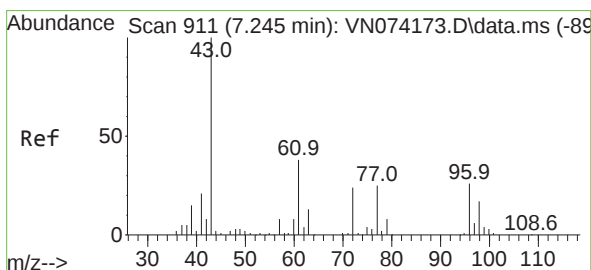
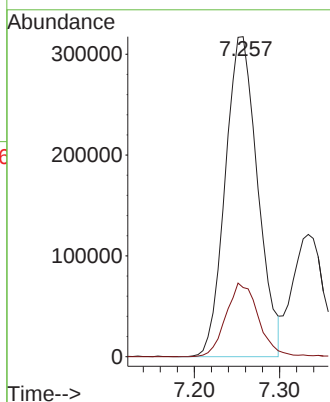
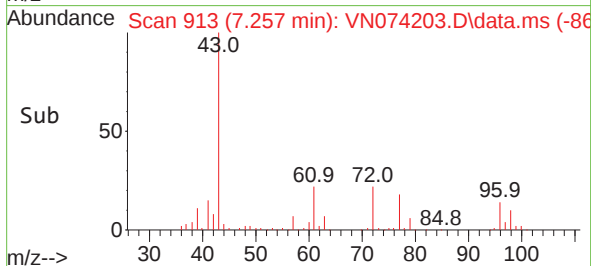
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



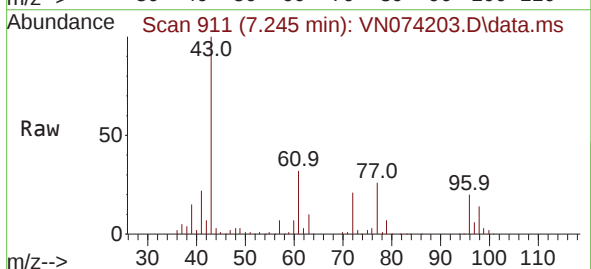
Tgt Ion: 43 Resp: 841793
Ion Ratio Lower Upper
43 100
72 21.6 23.7 35.5

Manual Integrations
APPROVED

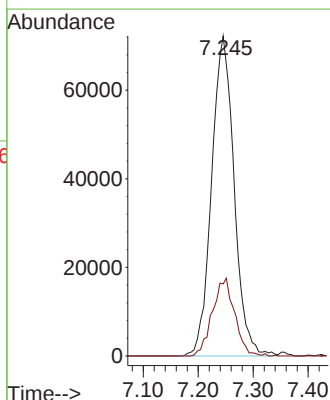
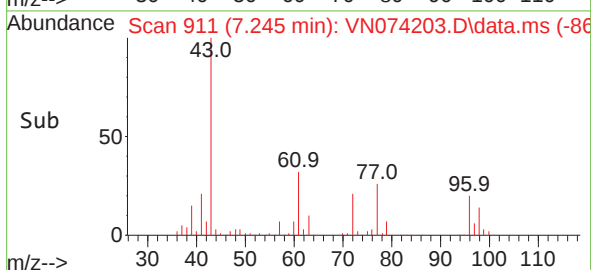
Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

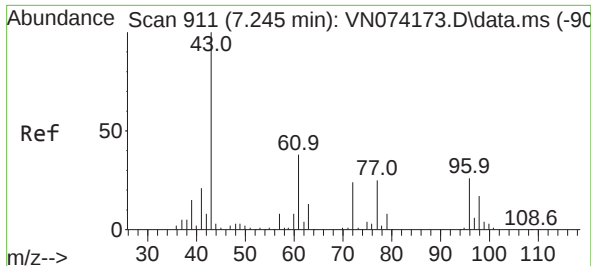


#26
2,2-Dichloropropane
Concen: 59.790 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29



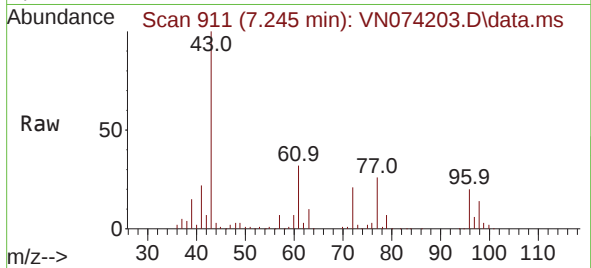
Tgt Ion: 77 Resp: 205526
Ion Ratio Lower Upper
77 100
97 24.0 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 50.708 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN074203.D
 Acq: 31 Aug 2022 09:29

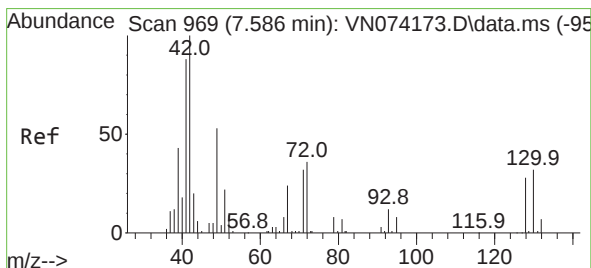
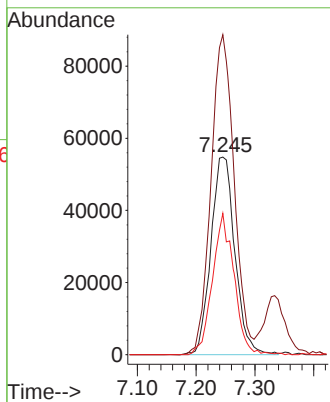
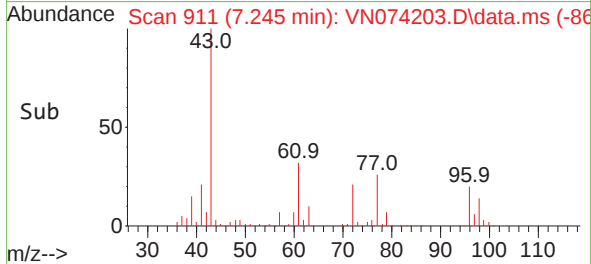
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 155332
 Ion Ratio Lower Upper
 96 100
 61 156.6 0.0 280.6
 98 64.3 0.0 128.4

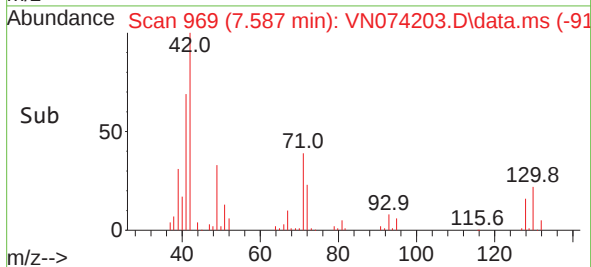
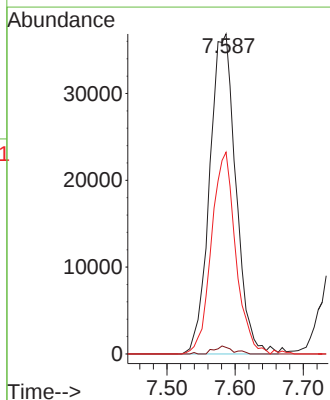
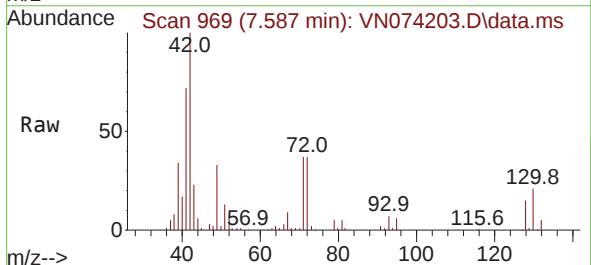
Manual Integrations
 APPROVED

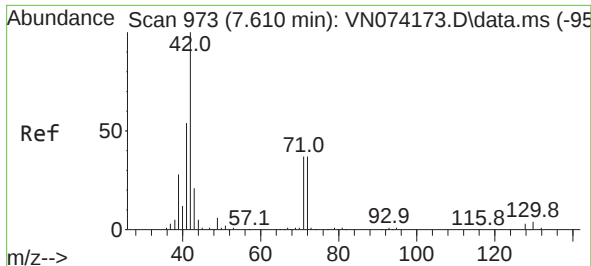
Reviewed By :John Carlone 09/01/2022
 Supervised By :Mahesh Dadoda 09/02/2022



#28
 Bromochloromethane
 Concen: 55.735 ug/l
 RT: 7.587 min Scan# 969
 Delta R.T. 0.001 min
 Lab File: VN074203.D
 Acq: 31 Aug 2022 09:29

Tgt Ion: 49 Resp: 98831
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 58.2 69.7 104.5#





#29

Tetrahydrofuran

Concen: 263.465 ug/l

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074203.D

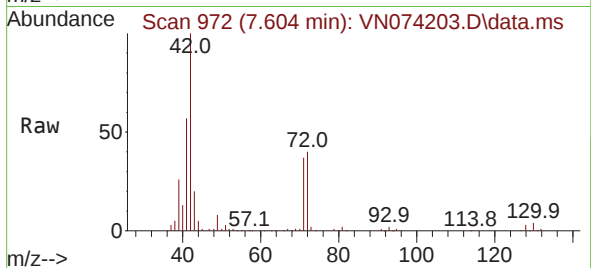
Acq: 31 Aug 2022 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



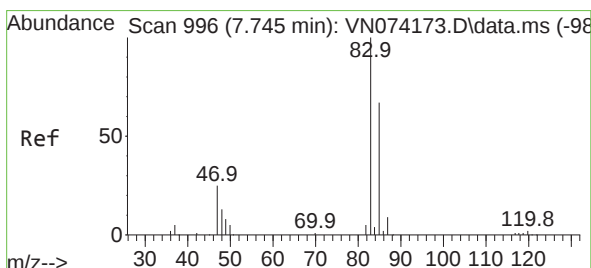
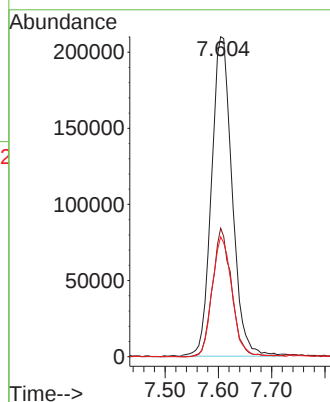
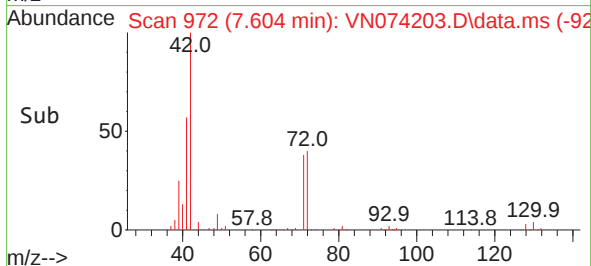
Tgt Ion:	42	Resp:	563880
Ion	Ratio	Lower	Upper
42	100		
72	37.1	39.7	59.5
71	36.2	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#30

Chloroform

Concen: 50.996 ug/l

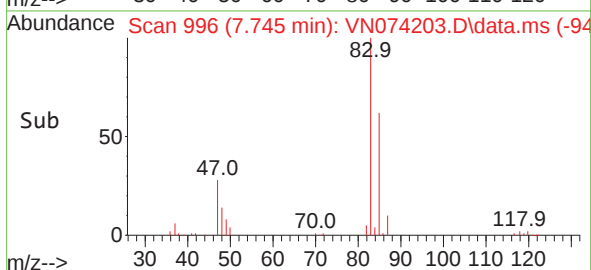
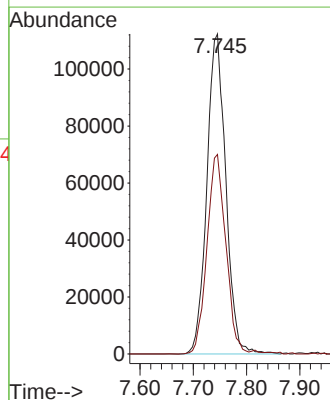
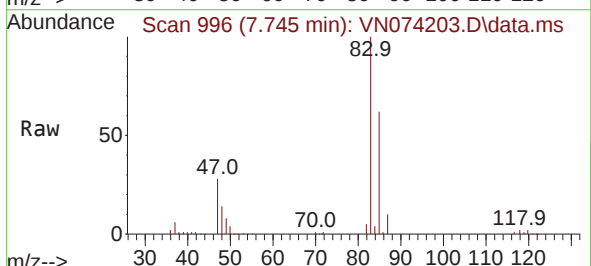
RT: 7.745 min Scan# 996

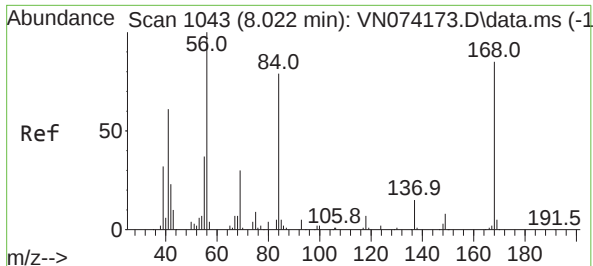
Delta R.T. 0.000 min

Lab File: VN074203.D

Acq: 31 Aug 2022 09:29

Tgt Ion:	83	Resp:	276867
Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.8	77.8





#31

Cyclohexane

Concen: 54.646 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.006 min

Lab File: VN074203.D

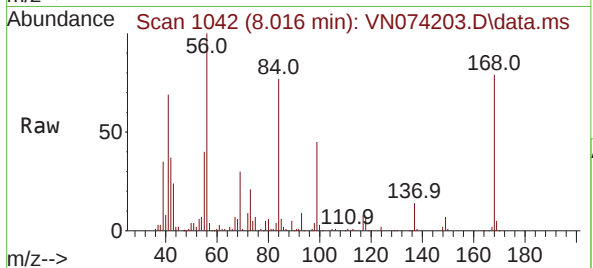
Acq: 31 Aug 2022 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 56 Resp: 283862

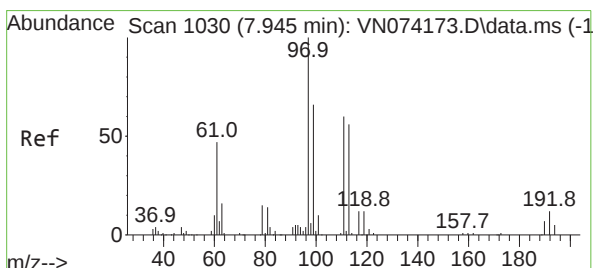
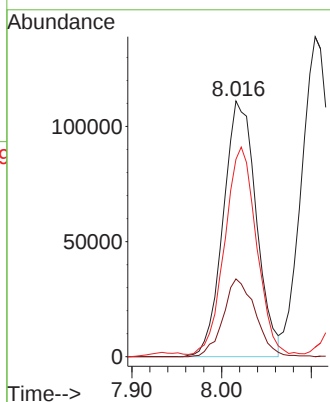
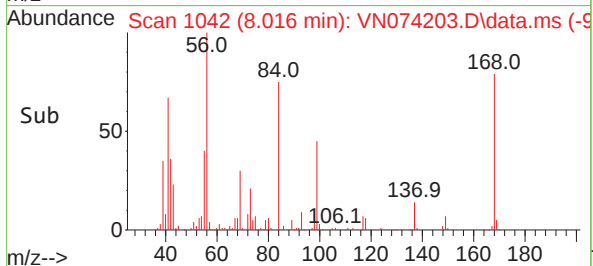
Ion	Ratio	Lower	Upper
56	100		
69	30.3	27.8	41.8
84	75.7	76.9	115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#32

1,1,1-Trichloroethane

Concen: 52.085 ug/l

RT: 7.939 min Scan# 1029

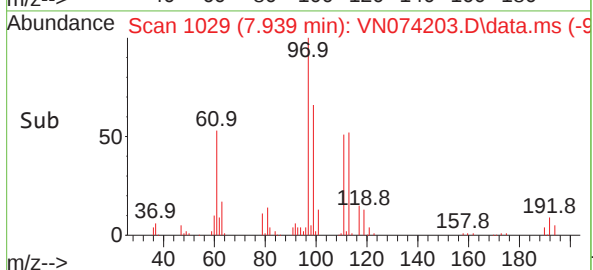
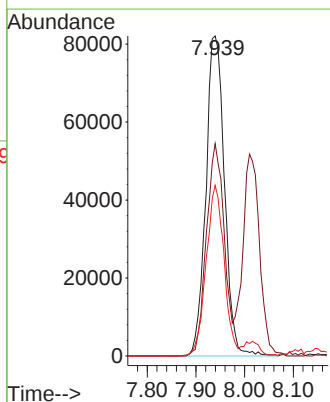
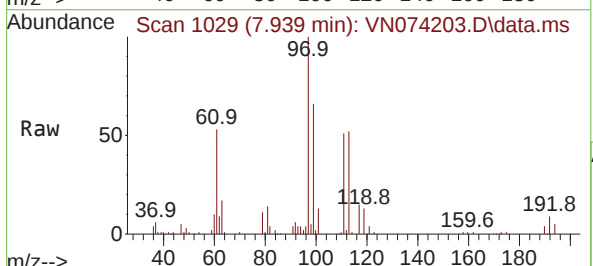
Delta R.T. -0.006 min

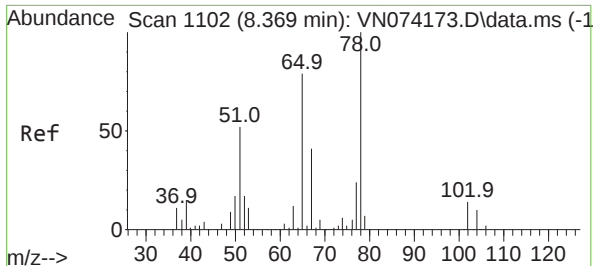
Lab File: VN074203.D

Acq: 31 Aug 2022 09:29

Tgt Ion: 97 Resp: 217478

Ion	Ratio	Lower	Upper
97	100		
99	63.2	50.6	76.0
61	51.3	36.0	54.0





#33

1,2-Dichloroethane-d4

Concen: 53.499 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074203.D

Acq: 31 Aug 2022 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 168194

Ion Ratio Lower Upper

65 100

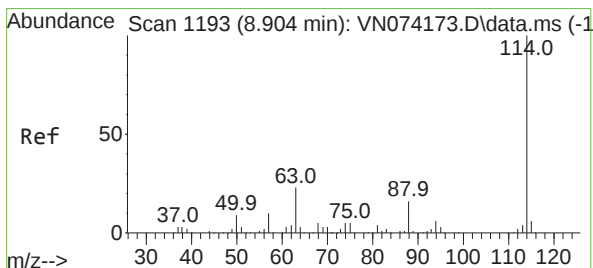
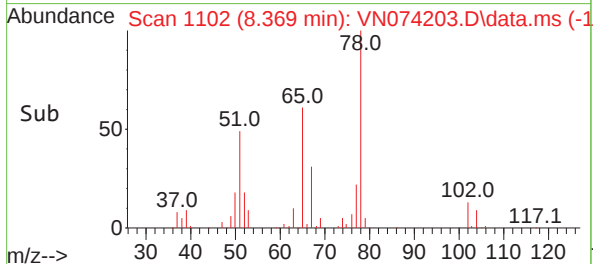
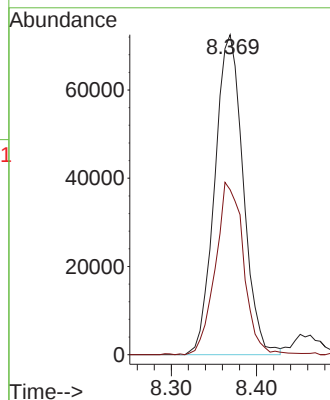
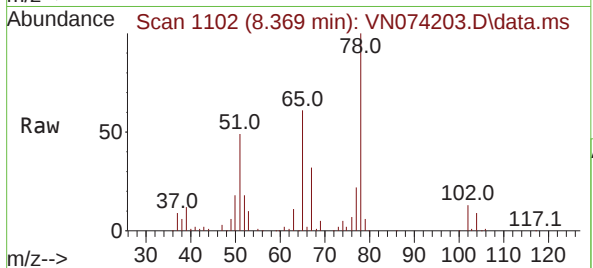
67 53.2 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VN074203.D

Acq: 31 Aug 2022 09:29

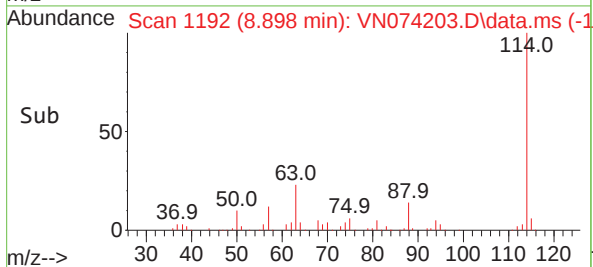
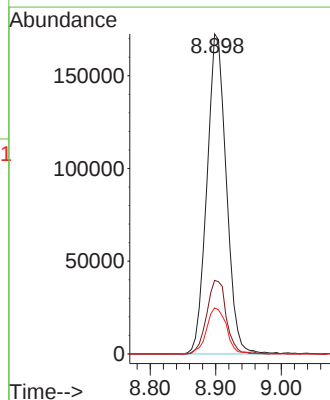
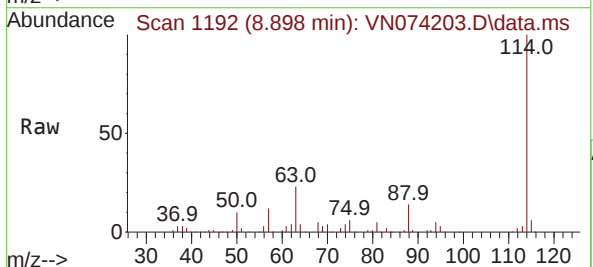
Tgt Ion:114 Resp: 355199

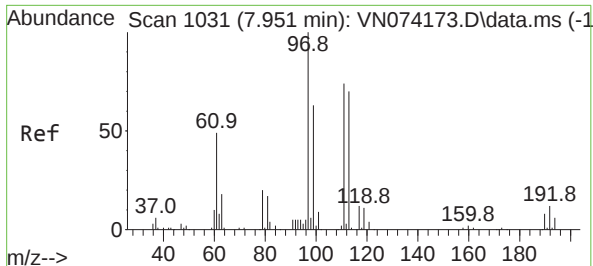
Ion Ratio Lower Upper

114 100

63 23.0 0.0 40.0

88 14.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 54.441 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN074203.D

Acq: 31 Aug 2022 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

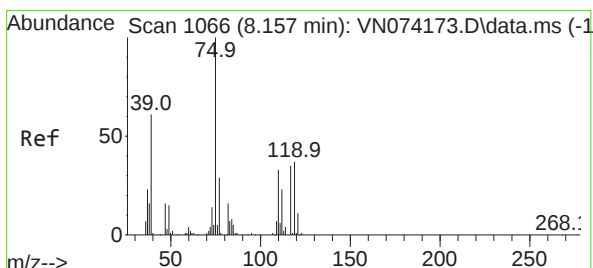
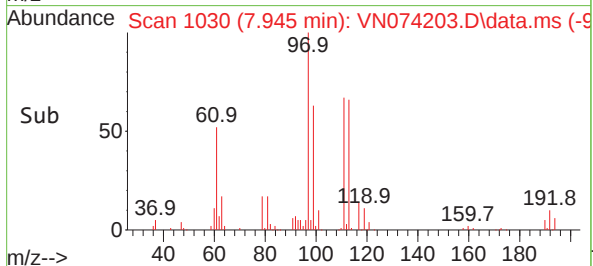
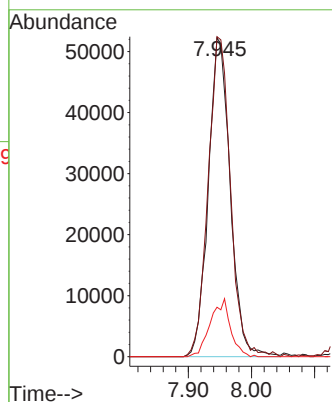
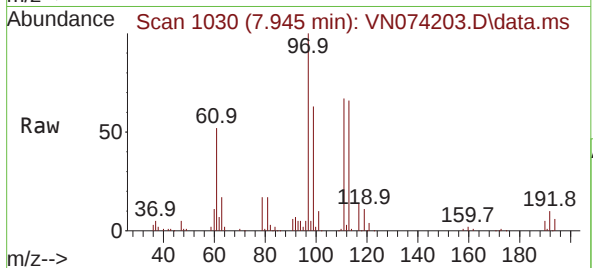
Tgt Ion:	113	Resp:	12583
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.4	122.0
192	16.8	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#36

1,1-Dichloropropene

Concen: 54.509 ug/l

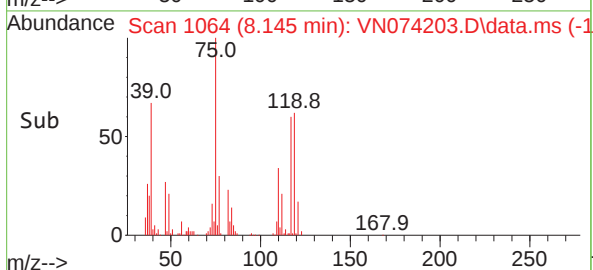
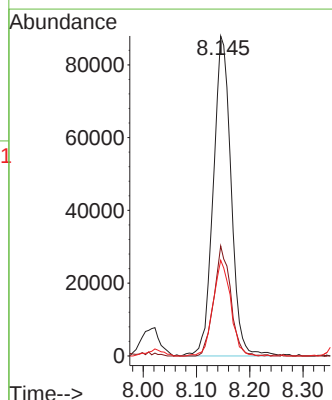
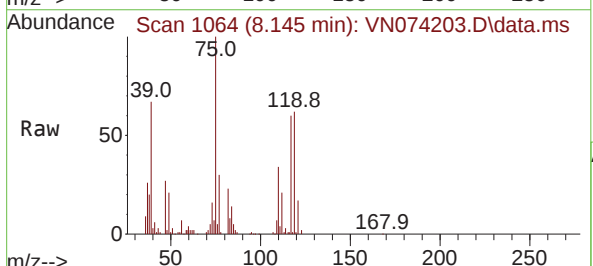
RT: 8.145 min Scan# 1064

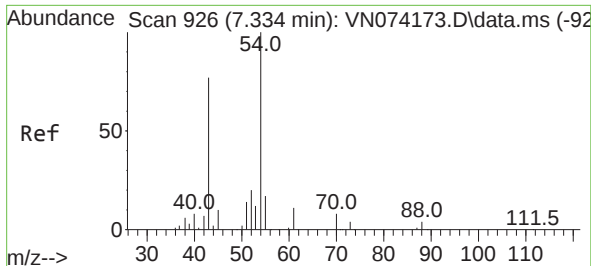
Delta R.T. -0.012 min

Lab File: VN074203.D

Acq: 31 Aug 2022 09:29

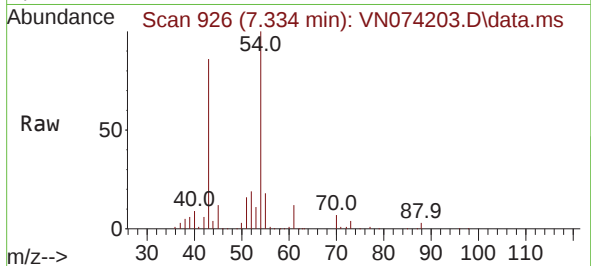
Tgt Ion:	75	Resp:	204421
Ion Ratio	Lower	Upper	
75	100		
110	32.4	18.3	54.8
77	29.6	25.1	37.7





#37
Ethyl Acetate
Concen: 51.443 ug/l
RT: 7.334 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

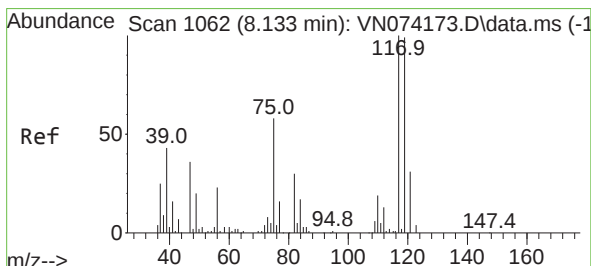
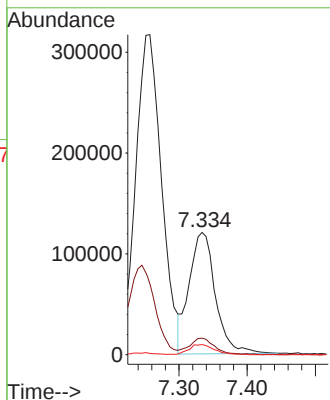
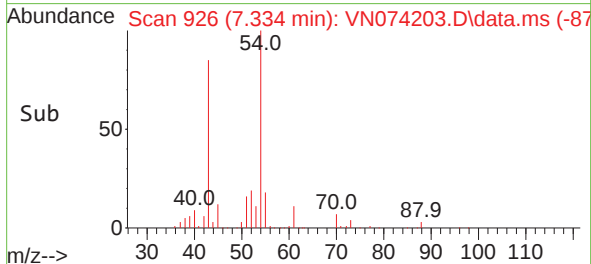
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 322642
Ion Ratio Lower Upper
43 100
61 12.5 11.8 17.6
70 8.1 9.3 13.9

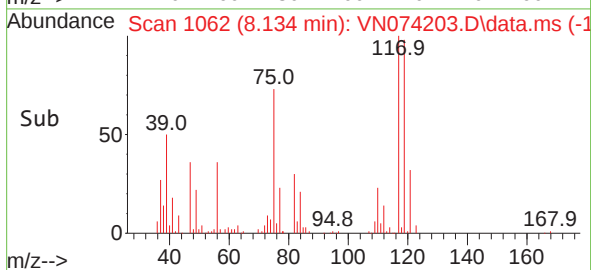
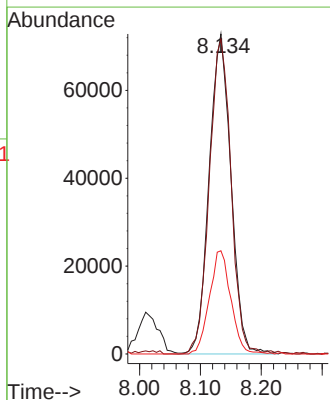
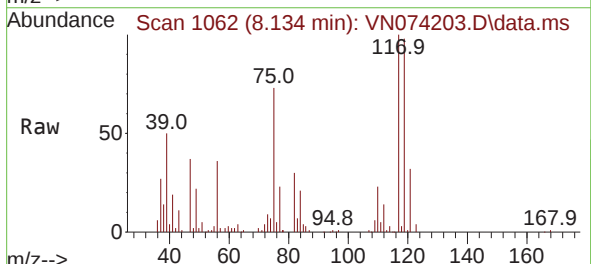
Manual Integrations
APPROVED

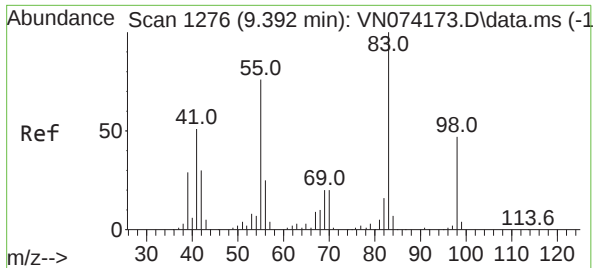
Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#38
Carbon Tetrachloride
Concen: 53.051 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.001 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

Tgt Ion:117 Resp: 181207
Ion Ratio Lower Upper
117 100
119 98.3 75.8 113.8
121 32.2 24.6 37.0





#39

Methylcyclohexane

Concen: 58.281 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN074203.D

Acq: 31 Aug 2022 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 256570

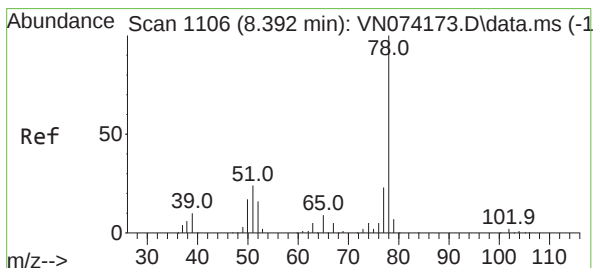
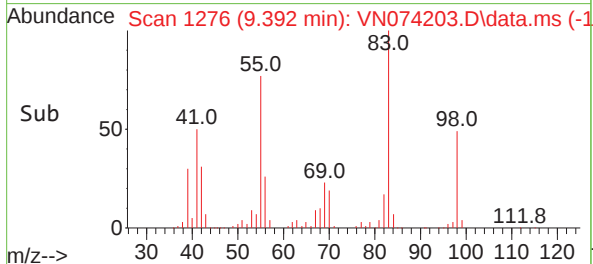
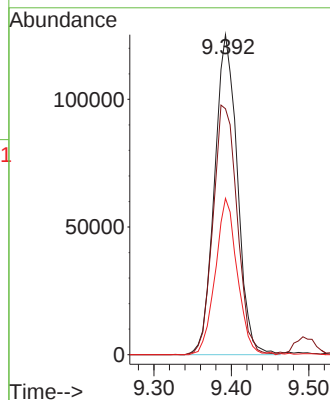
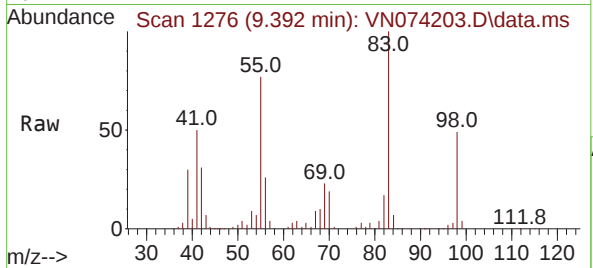
Ion	Ratio	Lower	Upper
83	100		
55	76.9	57.8	86.8
98	48.8	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#40

Benzene

Concen: 54.961 ug/l

RT: 8.386 min Scan# 1105

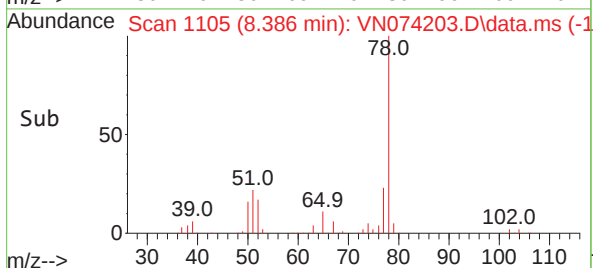
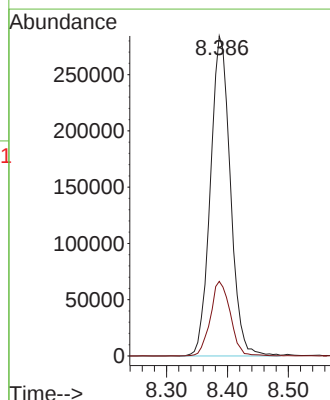
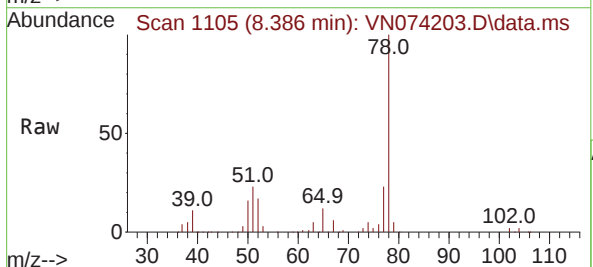
Delta R.T. -0.006 min

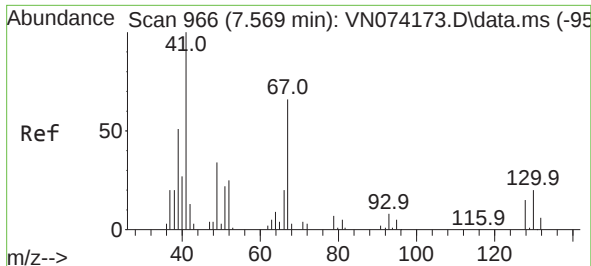
Lab File: VN074203.D

Acq: 31 Aug 2022 09:29

Tgt Ion: 78 Resp: 647182

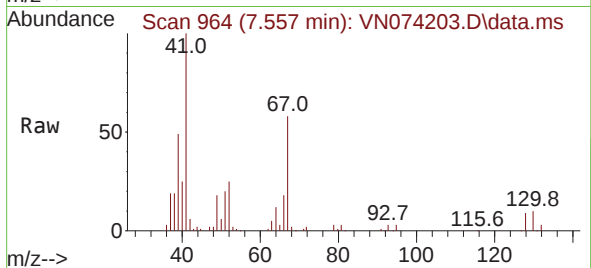
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.4	29.0





#41
Methacrylonitrile
Concen: 52.654 ug/l
RT: 7.557 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

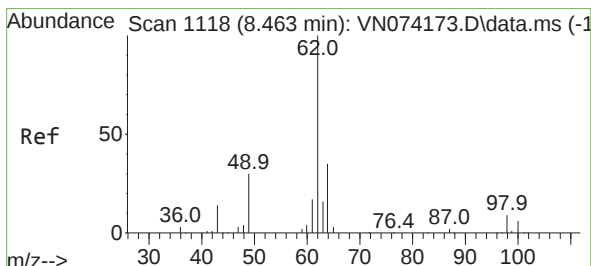
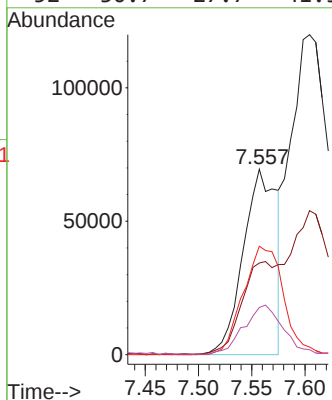
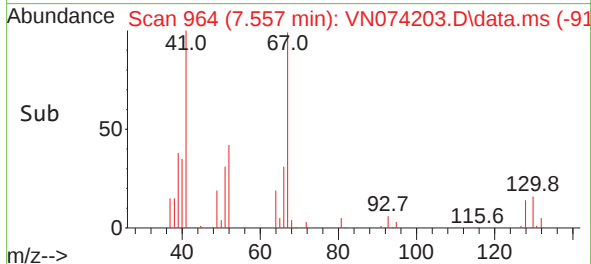
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 152434
Ion Ratio Lower Upper
41 100
39 46.2 48.6 73.0
67 70.0 73.4 110.2
52 30.7 27.7 41.5

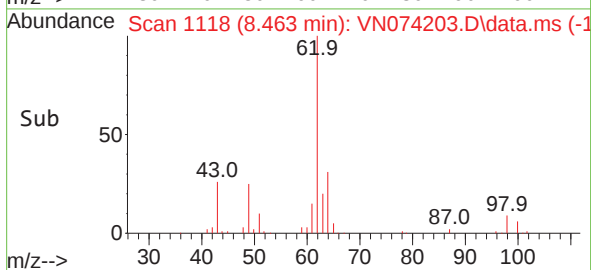
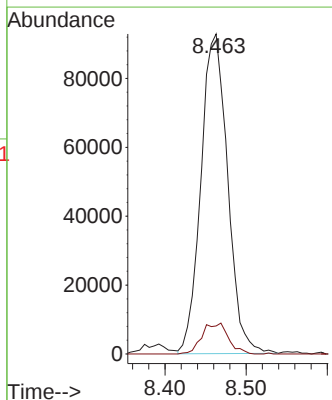
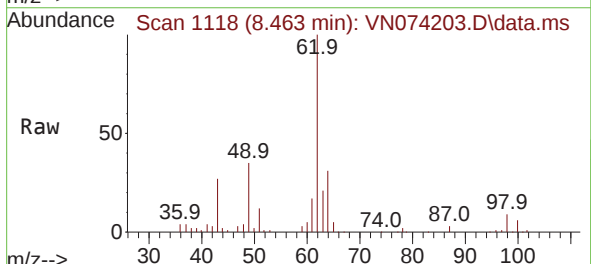
Manual Integrations
APPROVED

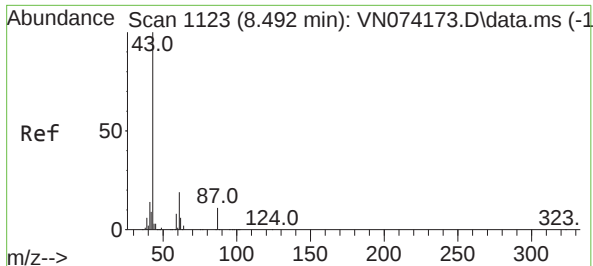
Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#42
1,2-Dichloroethane
Concen: 50.787 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

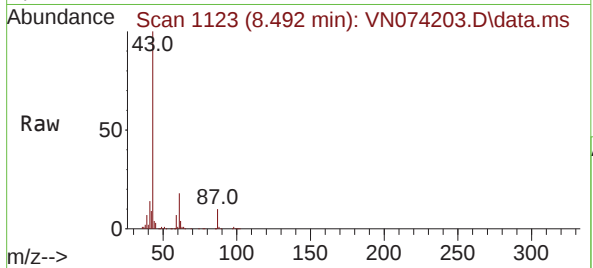
Tgt Ion: 62 Resp: 212824
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.4





#43
Isopropyl Acetate
Concen: 55.939 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

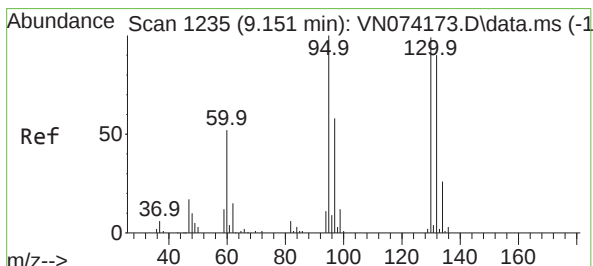
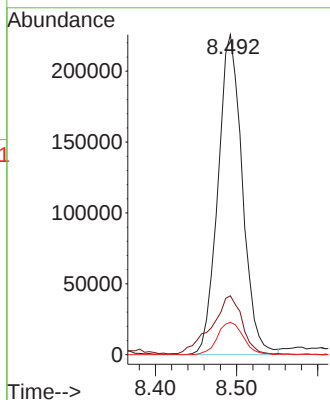
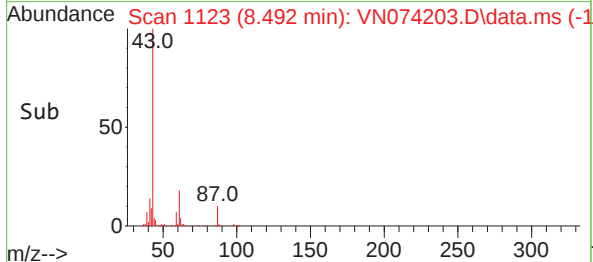
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 47164
Ion Ratio Lower Upper
43 100
61 23.1 21.9 32.9
87 10.8 12.0 18.0

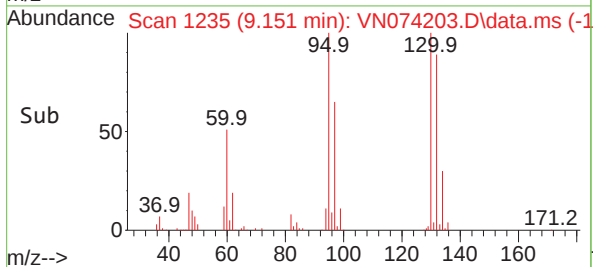
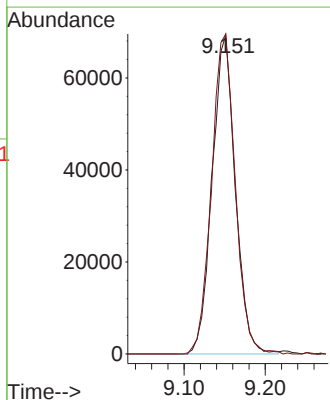
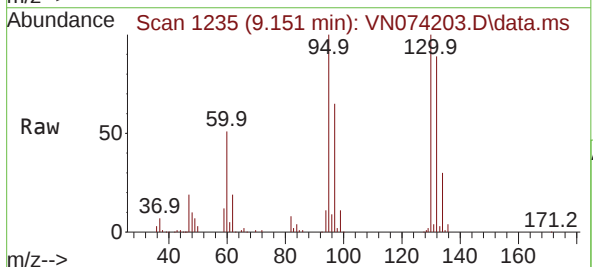
Manual Integrations
APPROVED

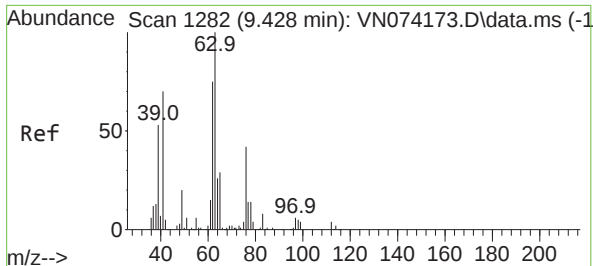
Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#44
Trichloroethene
Concen: 52.202 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

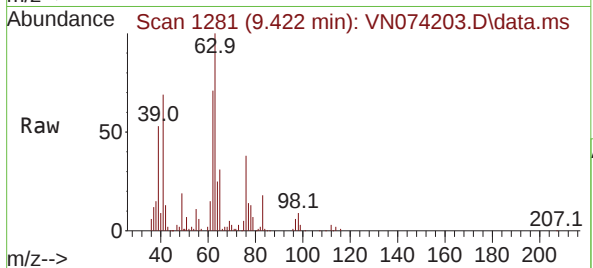
Tgt Ion:130 Resp: 137359
Ion Ratio Lower Upper
130 100
95 100.4 0.0 186.8





#45
1,2-Dichloropropane
Concen: 53.783 ug/l
RT: 9.422 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

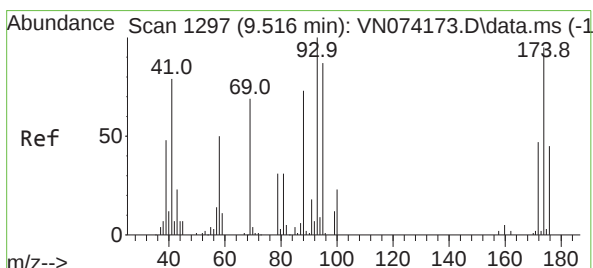
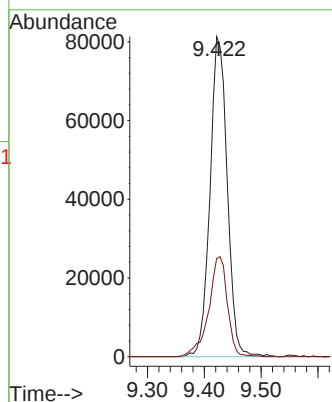
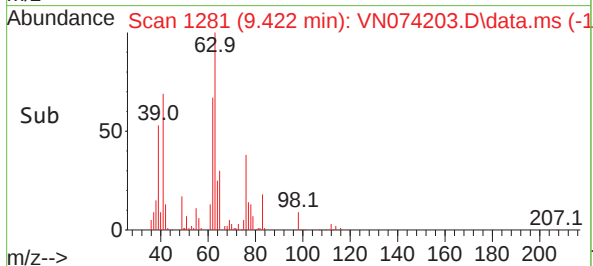
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



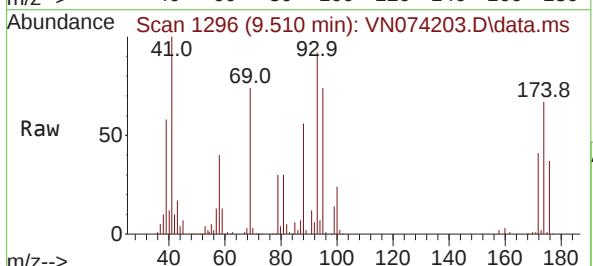
Tgt Ion: 63 Resp: 17099
Ion Ratio Lower Upper
63 100
65 30.7 24.9 37.3

Manual Integrations
APPROVED

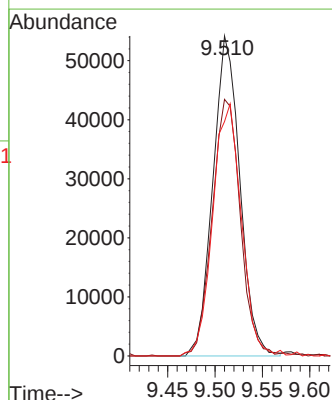
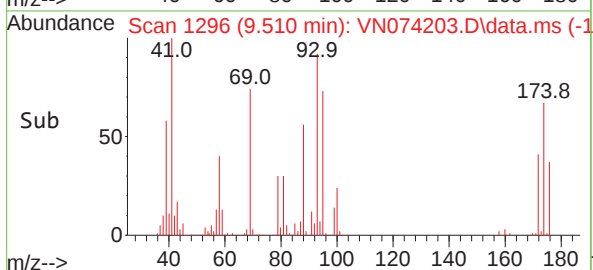
Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

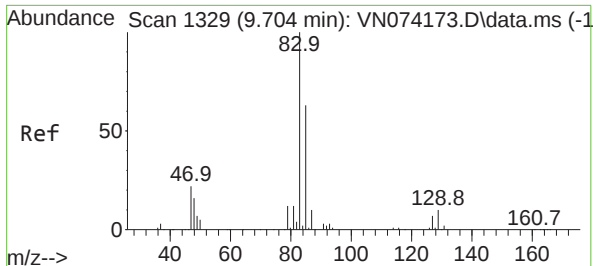


#46
Dibromomethane
Concen: 50.553 ug/l
RT: 9.510 min Scan# 1296
Delta R.T. -0.006 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29



Tgt Ion: 93 Resp: 107343
Ion Ratio Lower Upper
93 100
95 84.1 66.9 100.3
174 83.8 86.6 130.0#





#47

Bromodichloromethane

Concen: 50.962 ug/l

RT: 9.698 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN074203.D

Acq: 31 Aug 2022 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 212054

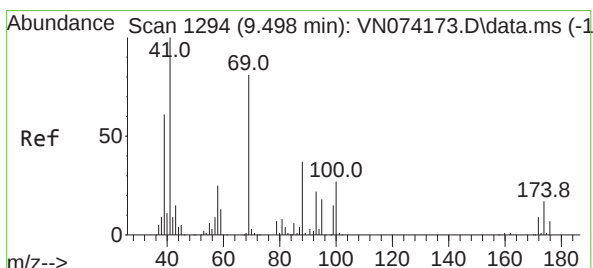
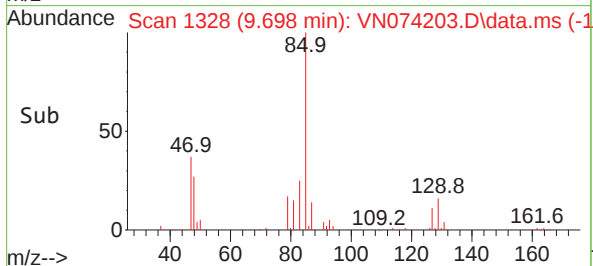
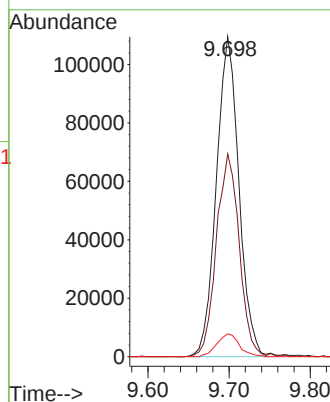
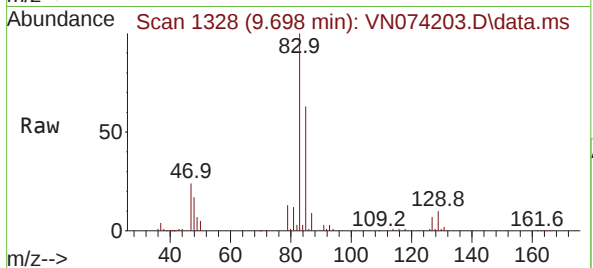
Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.5	75.7
127	7.2	6.8	10.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#48

Methyl methacrylate

Concen: 56.156 ug/l

RT: 9.498 min Scan# 1294

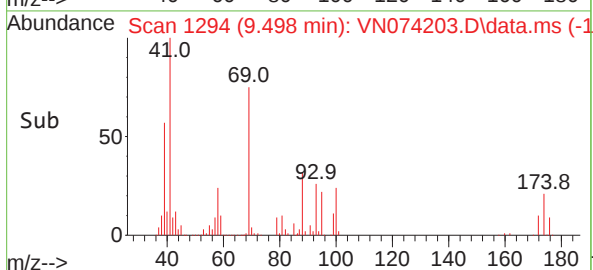
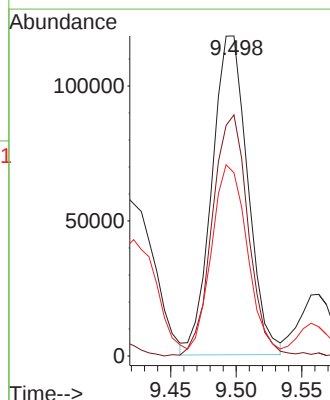
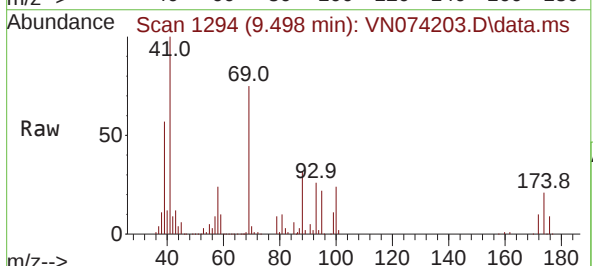
Delta R.T. 0.000 min

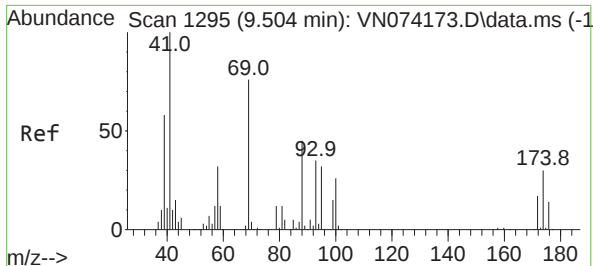
Lab File: VN074203.D

Acq: 31 Aug 2022 09:29

Tgt Ion: 41 Resp: 224904

Ion	Ratio	Lower	Upper
41	100		
69	75.5	74.7	112.1
39	56.7	45.6	68.4





#49

1,4-Dioxane

Concen: 938.512 ug/l

RT: 9.498 min Scan# 1295

Delta R.T. -0.006 min

Lab File: VN074203.D

Acq: 31 Aug 2022 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 81092

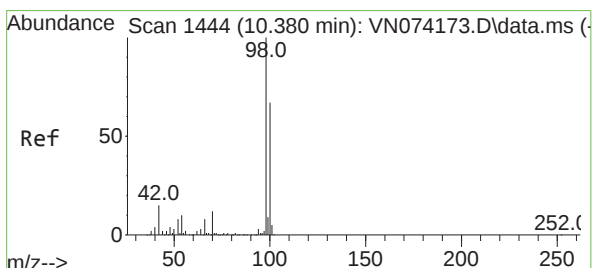
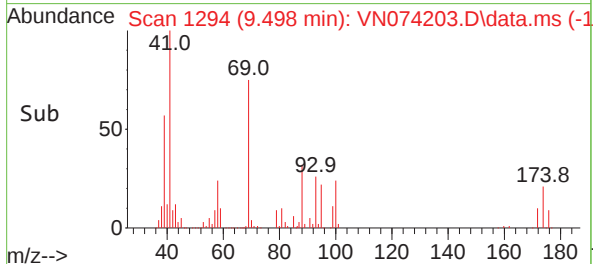
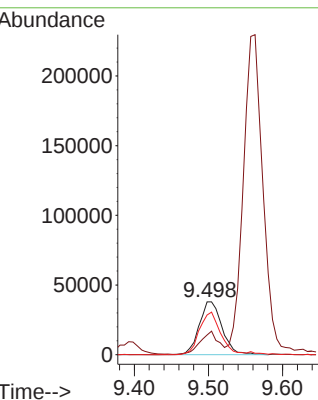
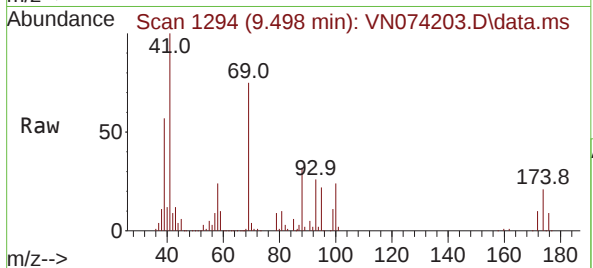
Ion	Ratio	Lower	Upper
88	100		
43	34.8	20.2	30.4
58	74.6	54.2	81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#50

Toluene-d8

Concen: 57.770 ug/l

RT: 10.380 min Scan# 1444

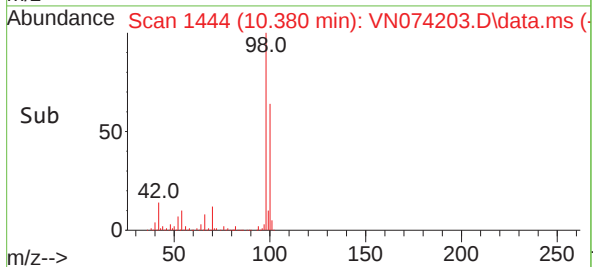
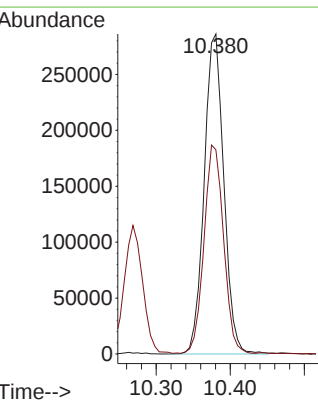
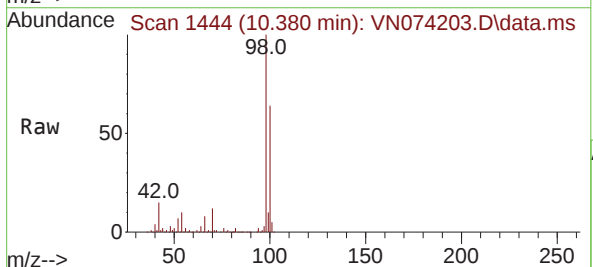
Delta R.T. 0.000 min

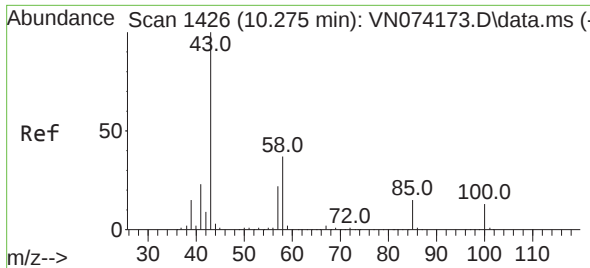
Lab File: VN074203.D

Acq: 31 Aug 2022 09:29

Tgt Ion: 98 Resp: 525850

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.6	78.8





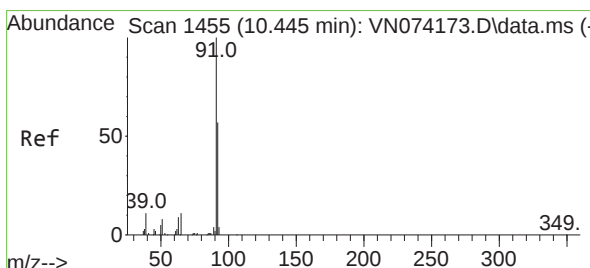
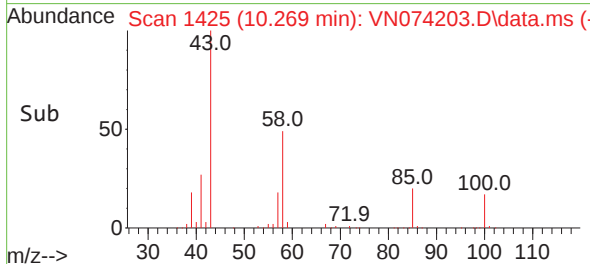
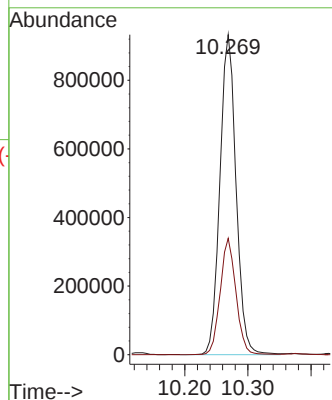
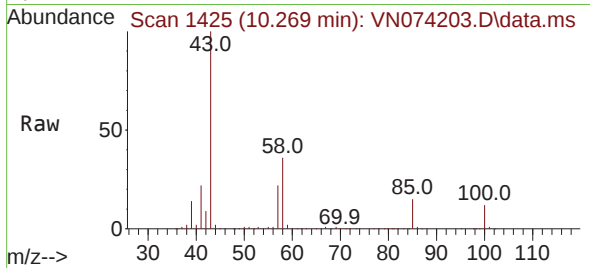
#51
4-Methyl-2-Pentanone
Concen: 271.195 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 165946
Ion Ratio Lower Upper
43 100
58 35.4 34.1 51.1

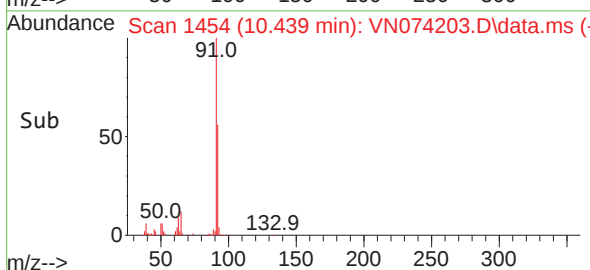
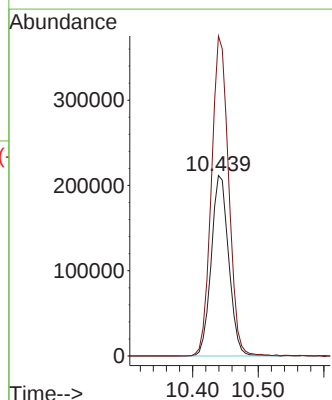
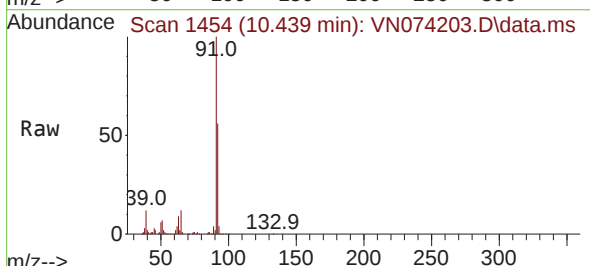
Manual Integrations
APPROVED

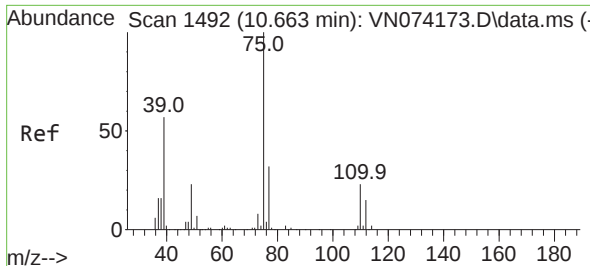
Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#52
Toluene
Concen: 56.292 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. -0.006 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

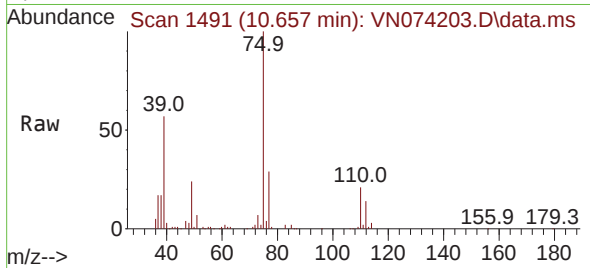
Tgt Ion: 92 Resp: 390706
Ion Ratio Lower Upper
92 100
91 175.5 138.6 207.8





#53
 t-1,3-Dichloropropene
 Concen: 58.655 ug/l
 RT: 10.657 min Scan# 1491
 Delta R.T. -0.006 min
 Lab File: VN074203.D
 Acq: 31 Aug 2022 09:29

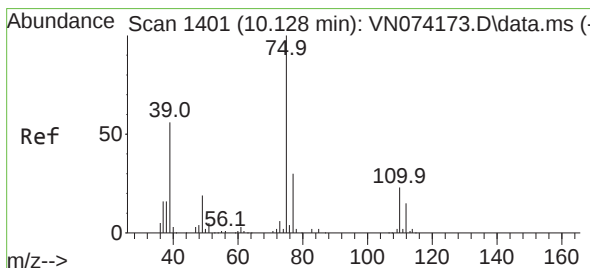
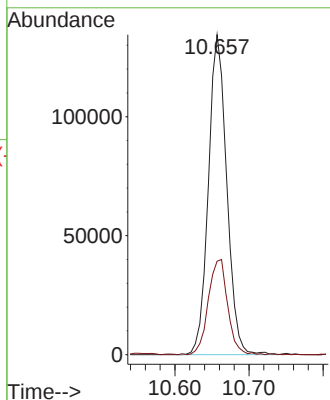
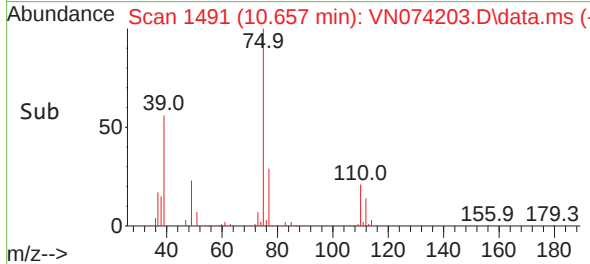
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 23141
 Ion Ratio Lower Upper
 75 100
 77 29.2 25.6 38.4

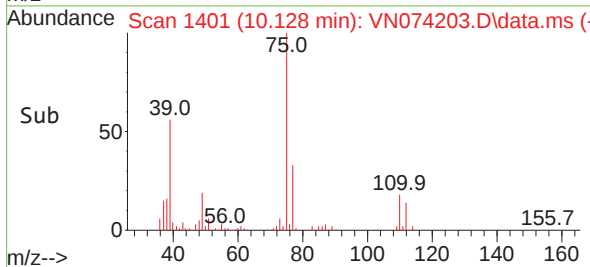
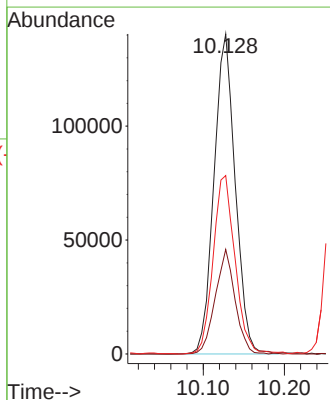
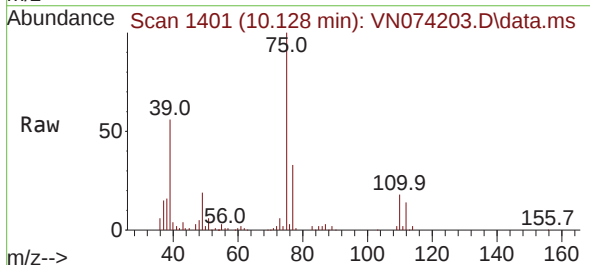
Manual Integrations
 APPROVED

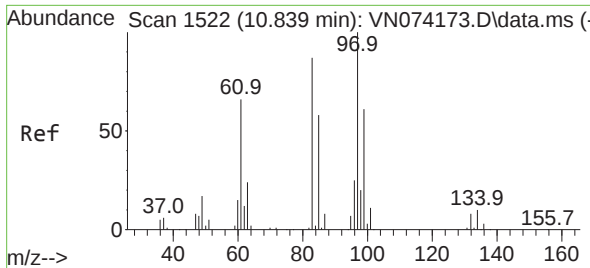
Reviewed By :John Carlone 09/01/2022
 Supervised By :Mahesh Dadoda 09/02/2022



#54
 cis-1,3-Dichloropropene
 Concen: 57.853 ug/l
 RT: 10.128 min Scan# 1401
 Delta R.T. 0.000 min
 Lab File: VN074203.D
 Acq: 31 Aug 2022 09:29

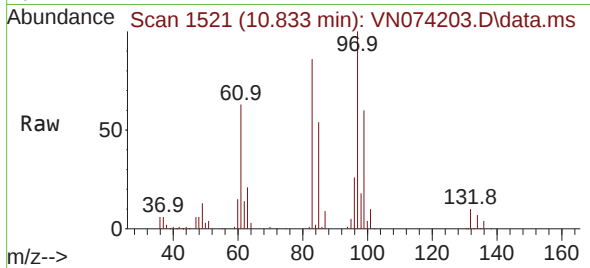
Tgt Ion: 75 Resp: 255532
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.2 37.8
 39 55.7 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 51.946 ug/l
RT: 10.833 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

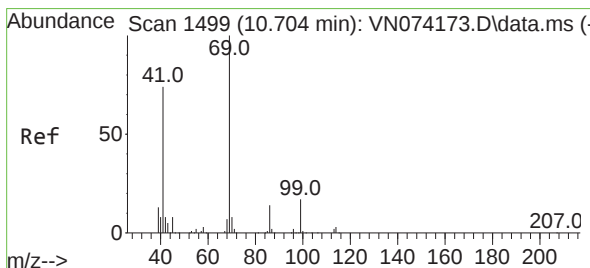
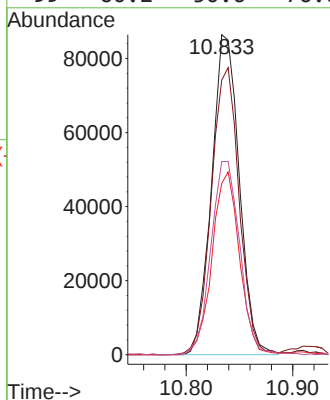
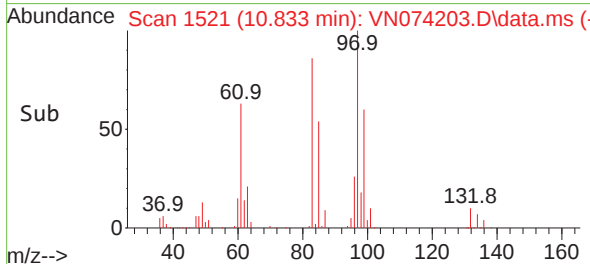


Tgt Ion: 97 Resp: 15595

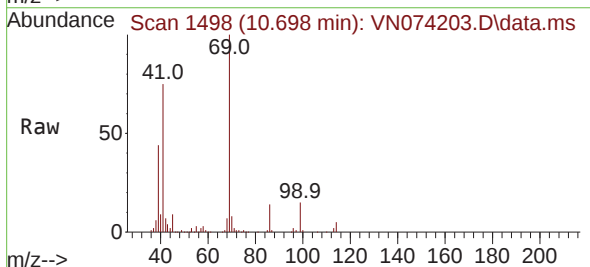
Ion	Ratio	Lower	Upper
97	100		
83	85.6	66.2	99.4
85	53.5	43.9	65.9
99	60.2	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

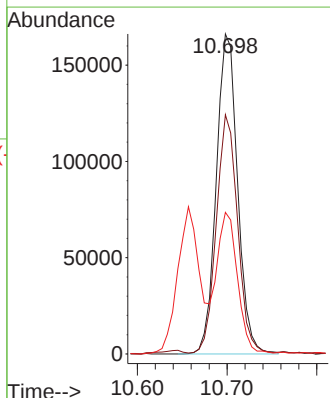
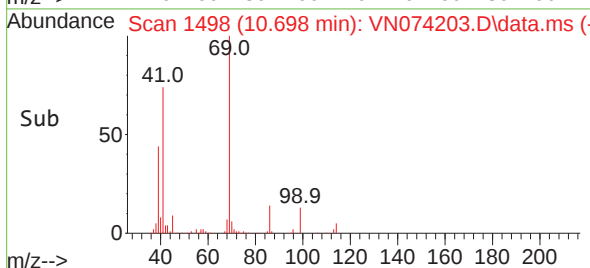


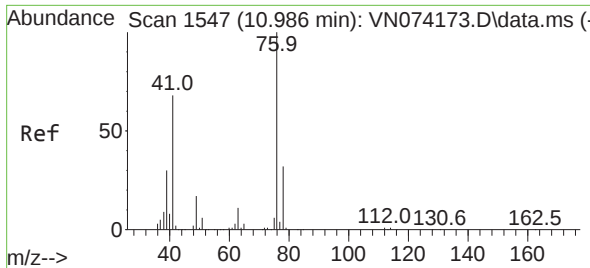
#56
Ethyl methacrylate
Concen: 60.286 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. -0.006 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29



Tgt Ion: 69 Resp: 274337

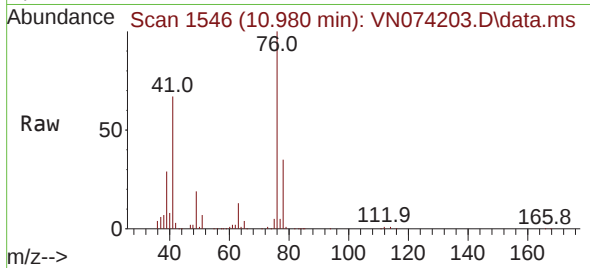
Ion	Ratio	Lower	Upper
69	100		
41	74.2	47.8	71.6#
39	41.8	27.3	40.9#





#57
1,3-Dichloropropane
Concen: 54.129 ug/l
RT: 10.980 min Scan# 1546
Delta R.T. -0.006 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

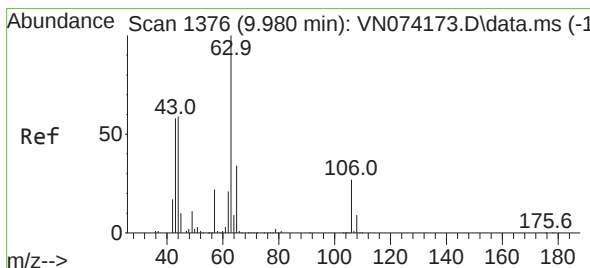
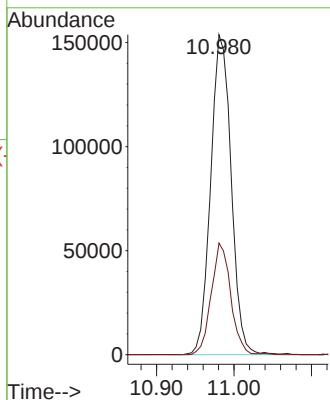
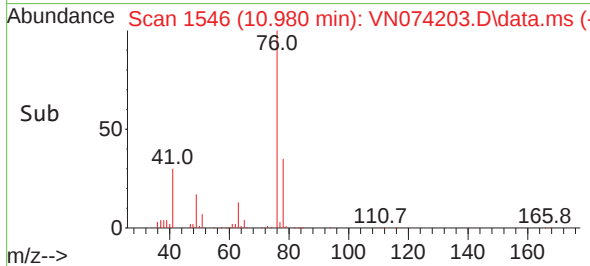
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 282425
Ion Ratio Lower Upper
76 100
78 33.2 26.2 39.2

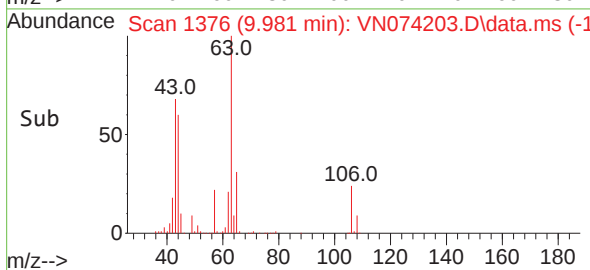
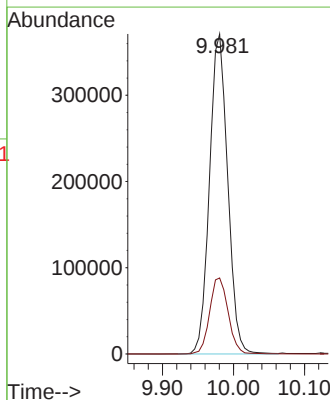
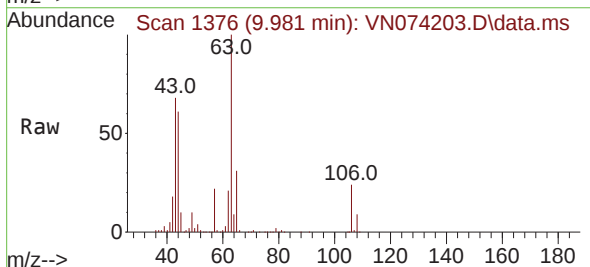
Manual Integrations
APPROVED

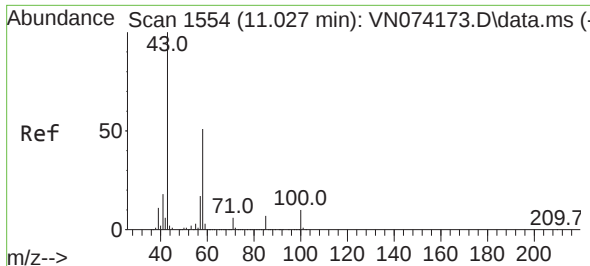
Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#58
2-Chloroethyl Vinyl ether
Concen: 286.443 ug/l
RT: 9.981 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

Tgt Ion: 63 Resp: 659386
Ion Ratio Lower Upper
63 100
106 24.1 24.6 36.8#





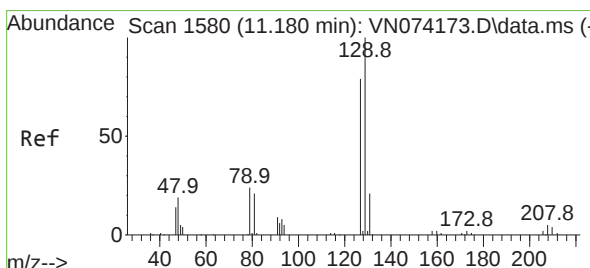
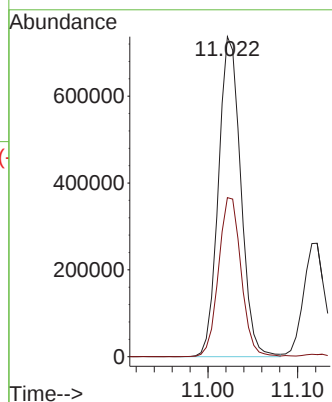
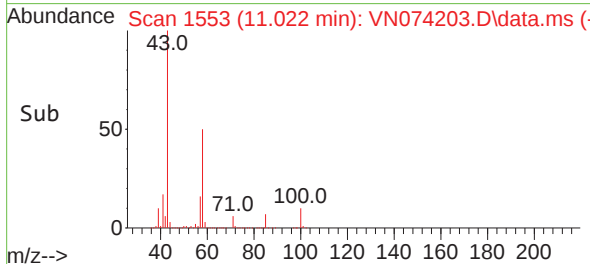
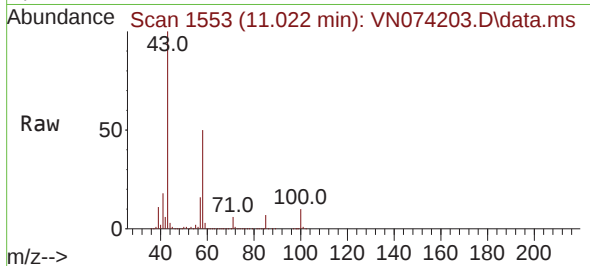
#59
2-Hexanone
Concen: 273.936 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. -0.006 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1272064
Ion Ratio Lower Upper
43 100
58 50.5 29.7 89.1

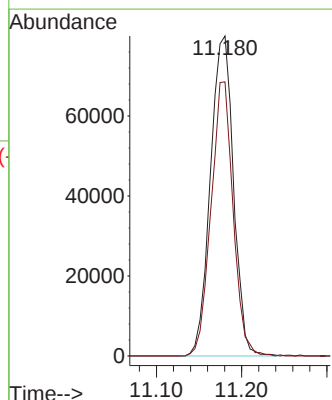
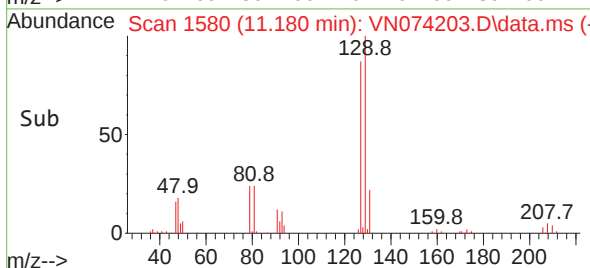
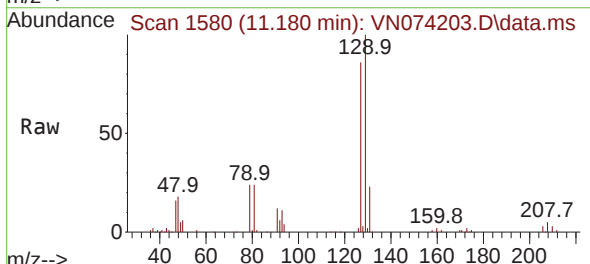
Manual Integrations
APPROVED

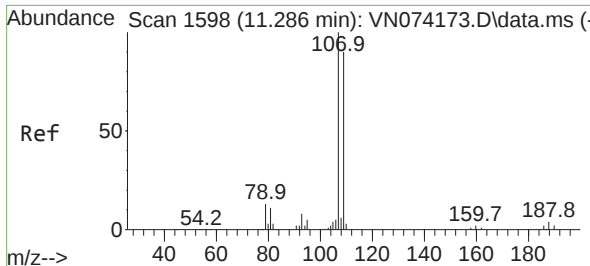
Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#60
Dibromochloromethane
Concen: 53.486 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

Tgt Ion:129 Resp: 150406
Ion Ratio Lower Upper
129 100
127 81.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 55.023 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

Instrument :

MSVOA_N

ClientSampleId :

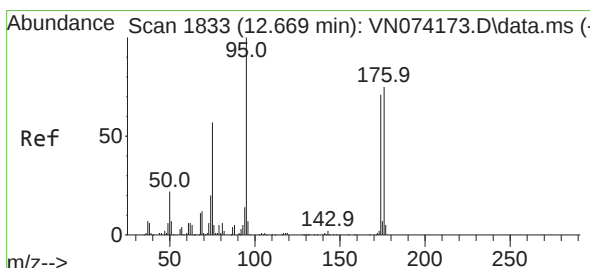
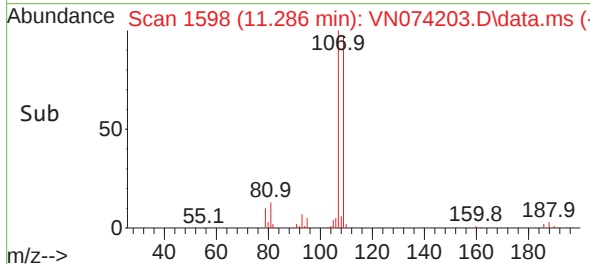
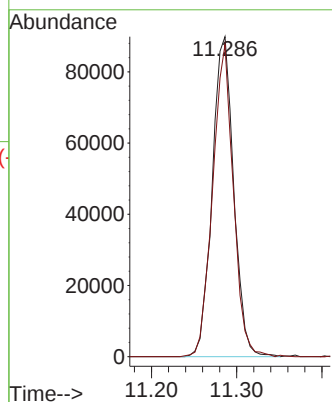
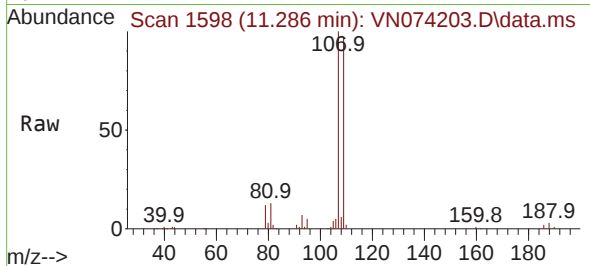
VSTDCCC050

Tgt Ion:107 Resp: 15784
Ion Ratio Lower Upper
107 100
109 93.9 75.0 112.6

Manual Integrations

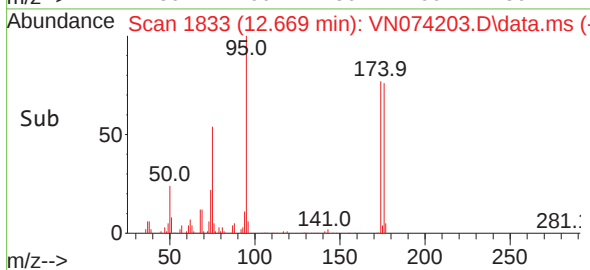
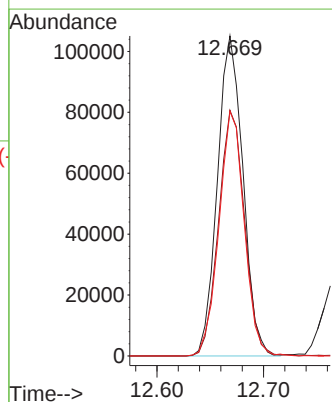
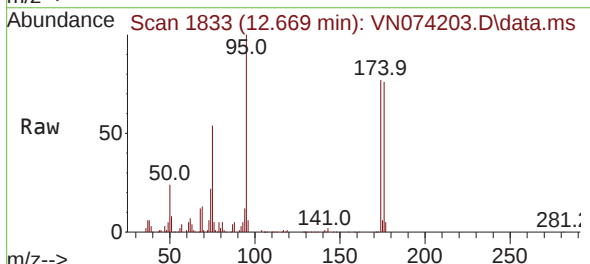
APPROVED

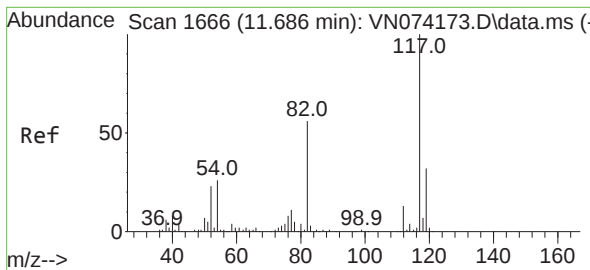
Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#62
4-Bromofluorobenzene
Concen: 63.176 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

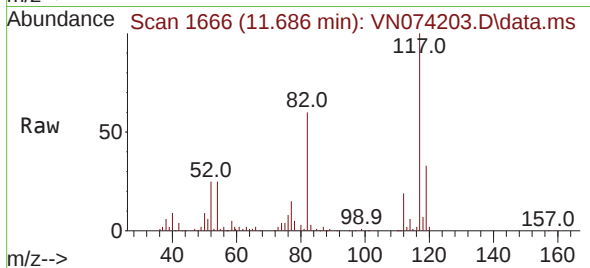
Tgt Ion: 95 Resp: 174878
Ion Ratio Lower Upper
95 100
174 78.2 0.0 167.6
176 75.4 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

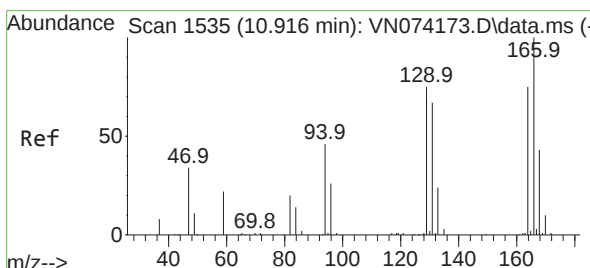
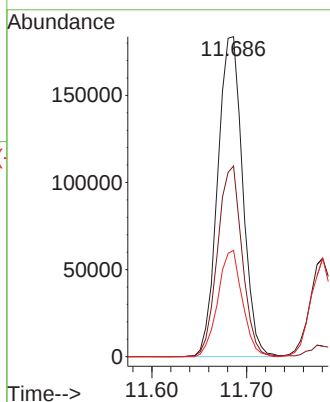
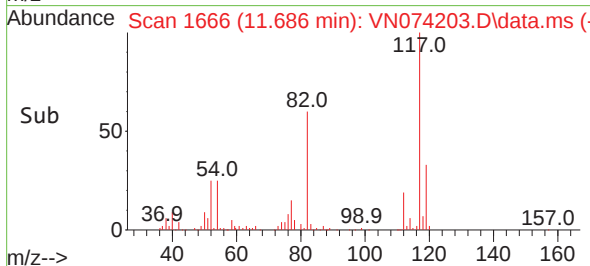
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



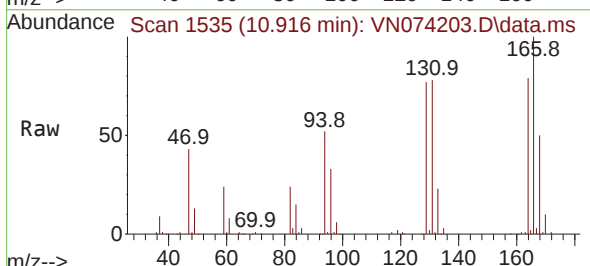
Tgt Ion:117 Resp: 337015
Ion Ratio Lower Upper
117 100
82 59.6 44.2 66.2
119 33.3 25.4 38.0

Manual Integrations
APPROVED

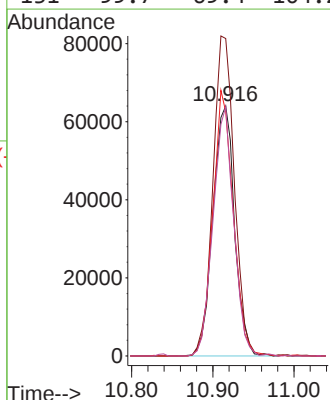
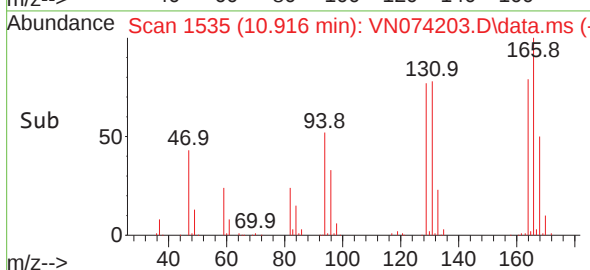
Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

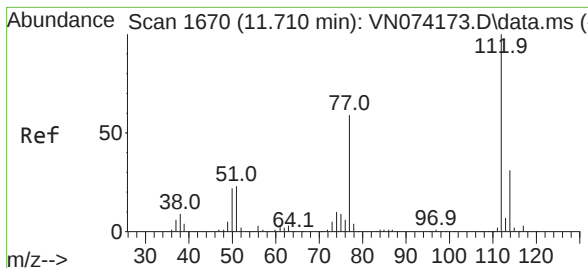


#64
Tetrachloroethene
Concen: 48.794 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29



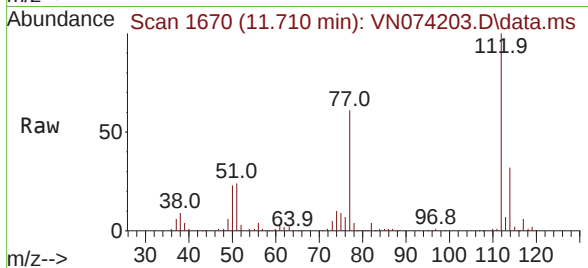
Tgt Ion:164 Resp: 119112
Ion Ratio Lower Upper
164 100
166 127.0 104.2 156.2
129 97.7 73.9 110.9
131 99.7 69.4 104.2





#65
Chlorobenzene
Concen: 51.938 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

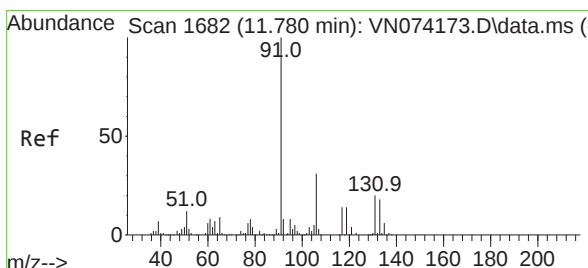
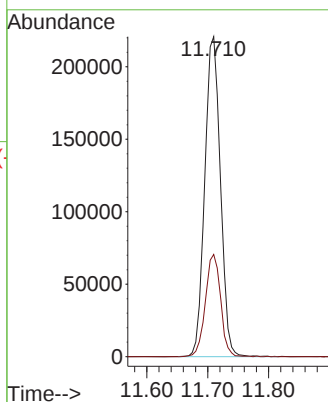
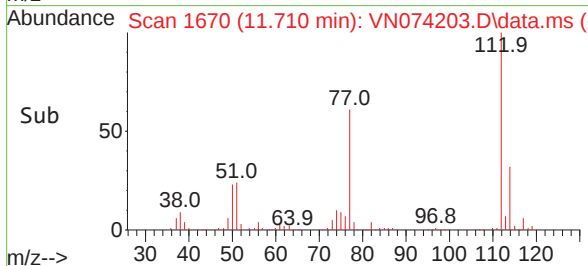
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



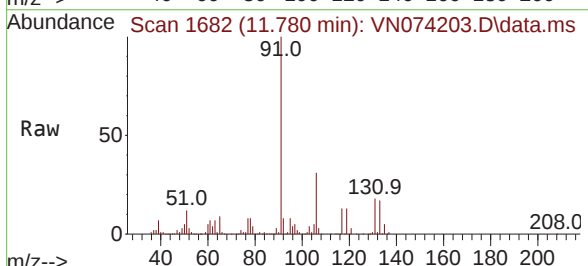
Tgt Ion:112 Resp: 393879
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2

Manual Integrations
APPROVED

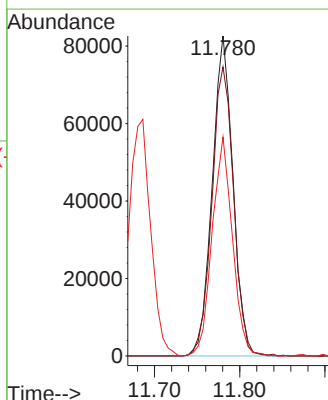
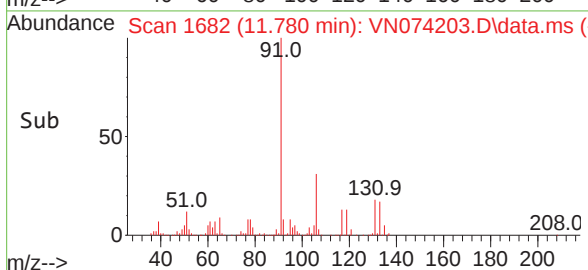
Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

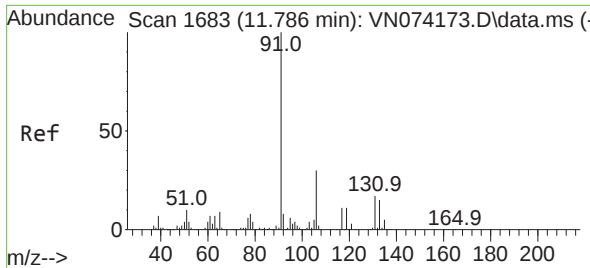


#66
1,1,1,2-Tetrachloroethane
Concen: 51.682 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29



Tgt Ion:131 Resp: 139307
Ion Ratio Lower Upper
131 100
133 95.2 47.8 143.4
119 67.3 33.4 100.2





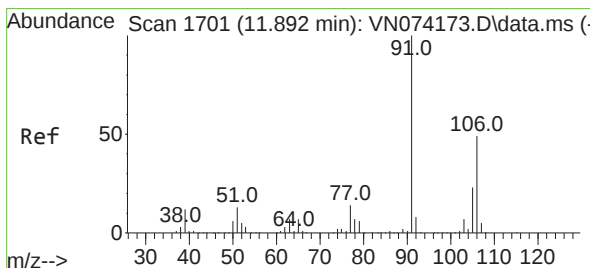
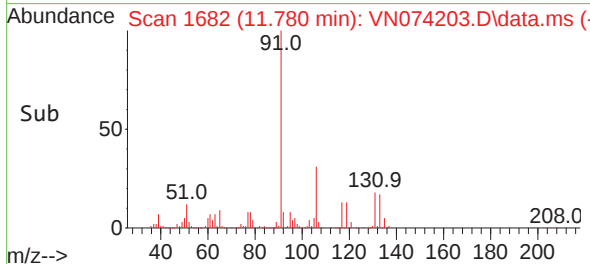
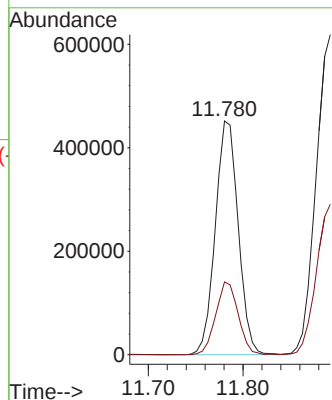
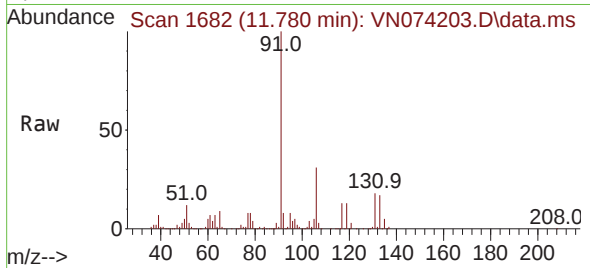
#67
Ethyl Benzene
Concen: 55.922 ug/l
RT: 11.780 min Scan# 1683
Delta R.T. -0.006 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 76106
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3

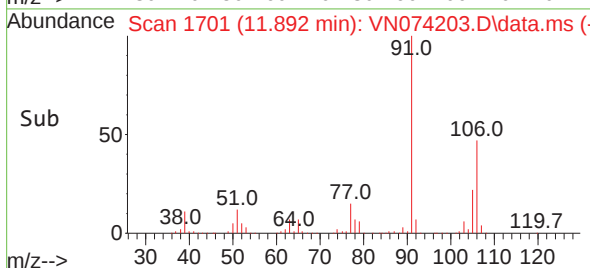
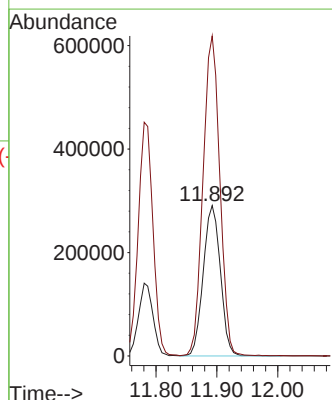
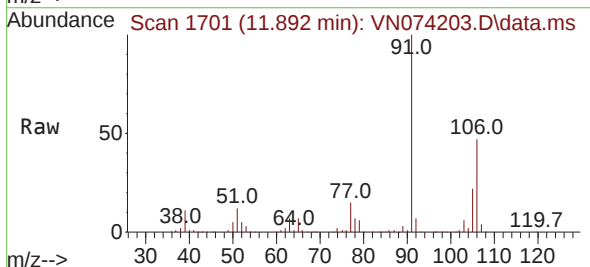
Manual Integrations
APPROVED

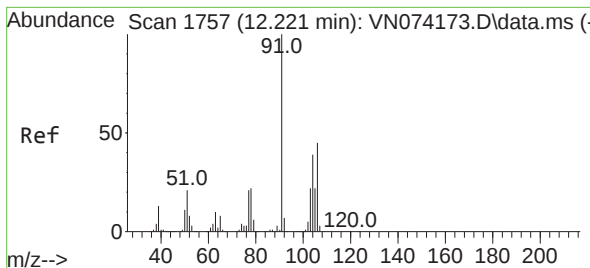
Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#68
m/p-Xylenes
Concen: 112.370 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

Tgt Ion:106 Resp: 568108
Ion Ratio Lower Upper
106 100
91 208.4 158.9 238.3





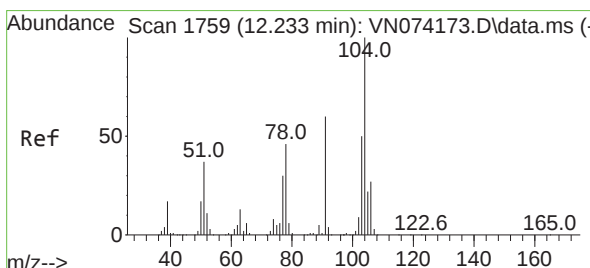
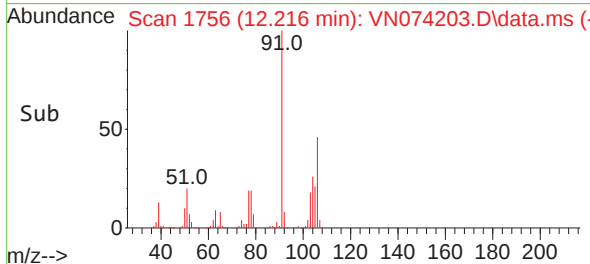
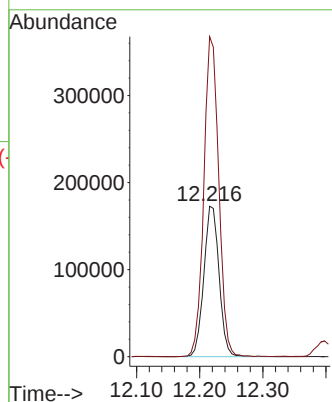
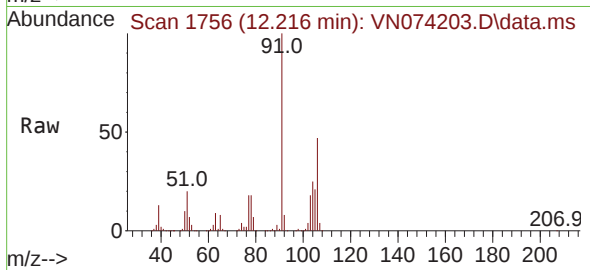
#69
o-Xylene
Concen: 57.487 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.006 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 289598
Ion Ratio Lower Upper
106 100
91 209.0 106.0 318.0

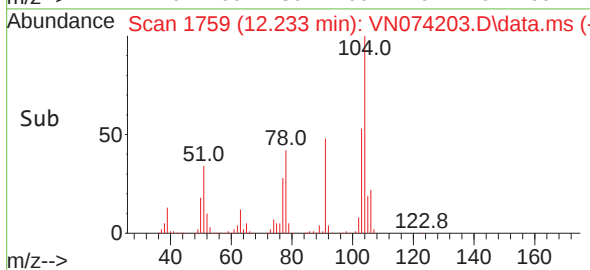
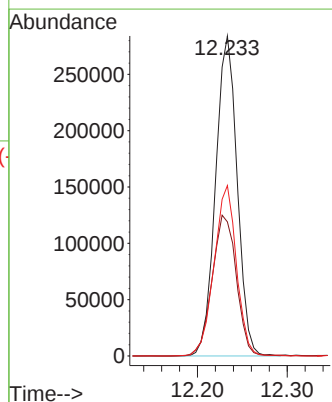
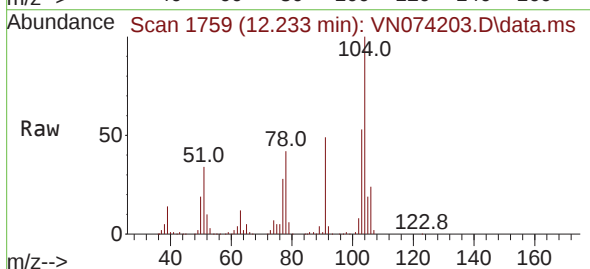
Manual Integrations
APPROVED

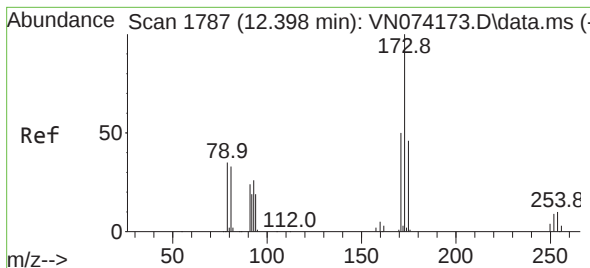
Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#70
Styrene
Concen: 59.146 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

Tgt Ion:104 Resp: 474690
Ion Ratio Lower Upper
104 100
78 49.3 39.5 59.3
103 55.3 44.0 66.0





#71

Bromoform

Concen: 49.928 ug/l

RT: 12.398 min Scan# 1787

Delta R.T. 0.000 min

Lab File: VN074203.D

Acq: 31 Aug 2022 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 113992

Ion Ratio Lower Upper

173 100

175 47.1 24.6 73.6

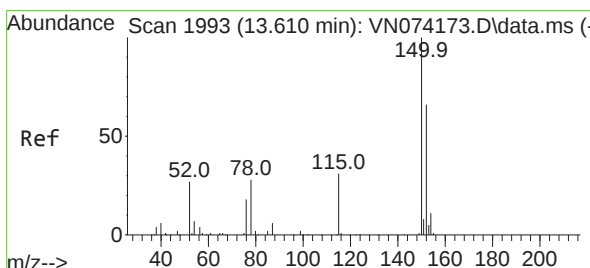
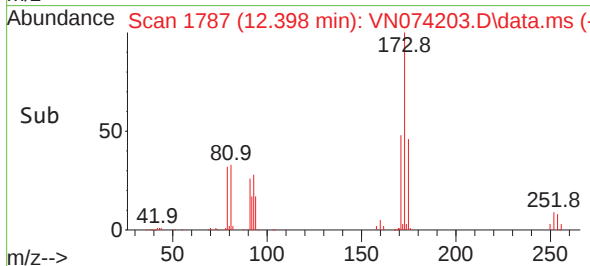
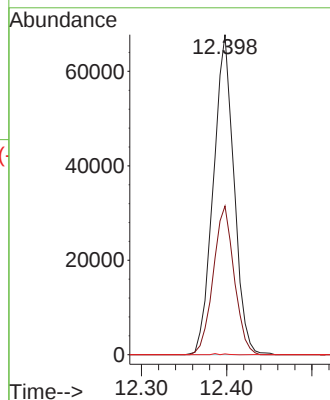
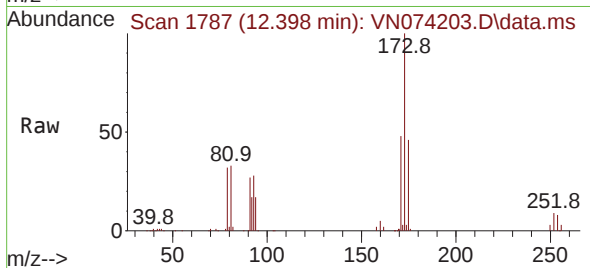
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN074203.D

Acq: 31 Aug 2022 09:29

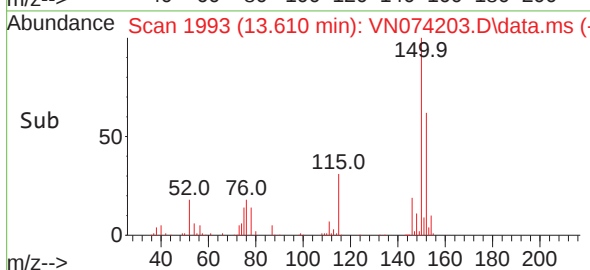
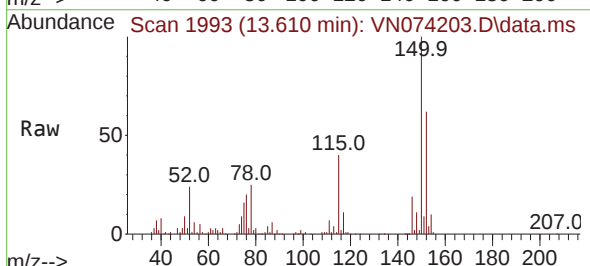
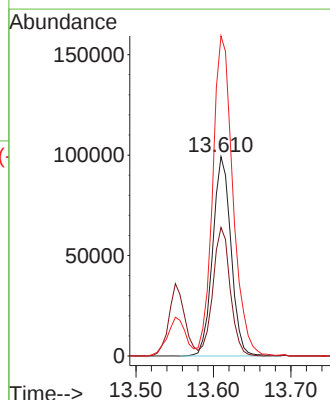
Tgt Ion:152 Resp: 162477

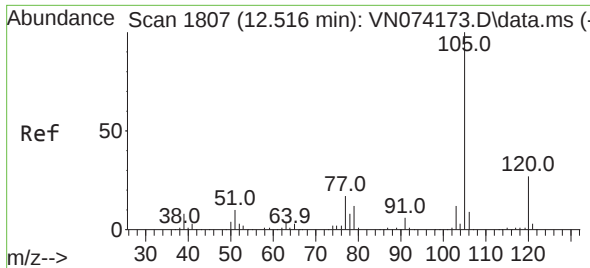
Ion Ratio Lower Upper

152 100

115 61.1 28.9 86.7

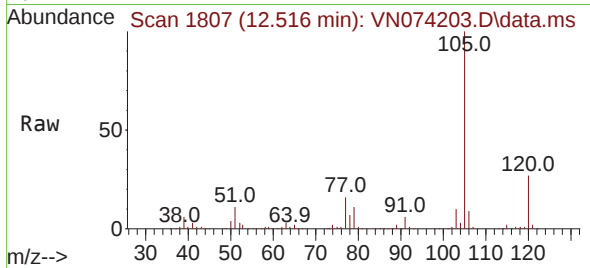
150 177.3 0.0 356.2





#73
Isopropylbenzene
Concen: 53.617 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

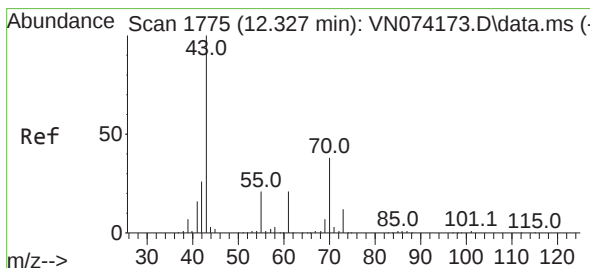
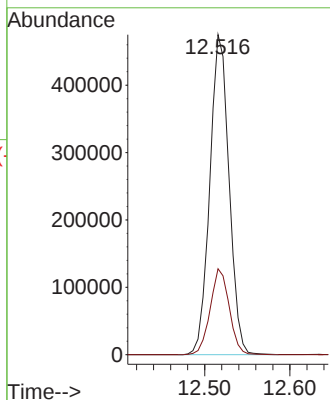
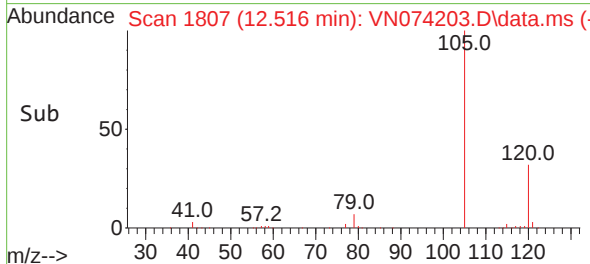
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



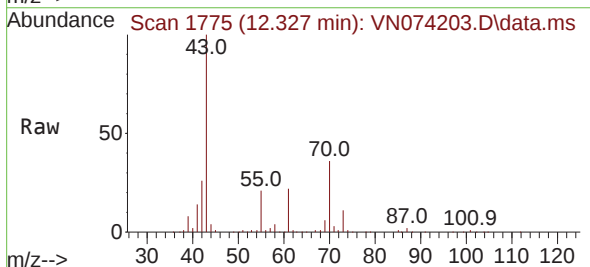
Tgt Ion:105 Resp: 746056
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4

Manual Integrations
APPROVED

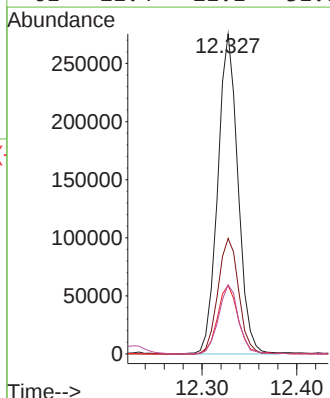
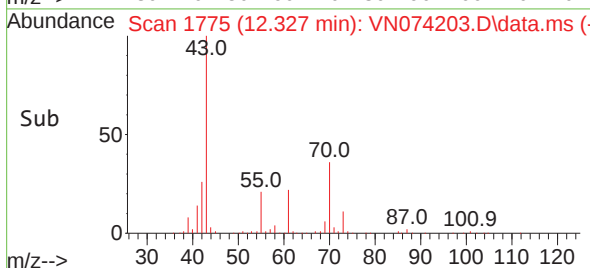
Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

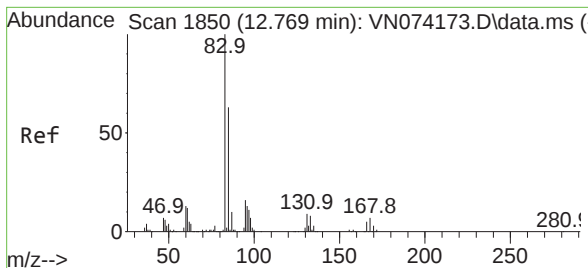


#74
N-ethyl acetate
Concen: 51.934 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29



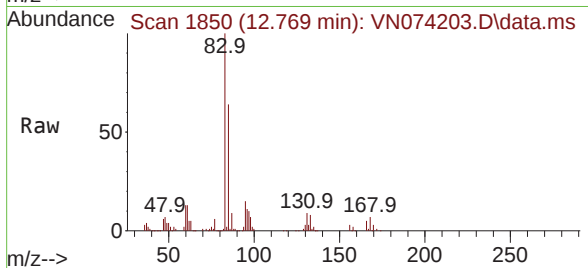
Tgt Ion: 43 Resp: 408851
Ion Ratio Lower Upper
43 100
70 37.2 39.0 58.4#
55 22.0 21.1 31.7
61 21.4 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 47.021 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

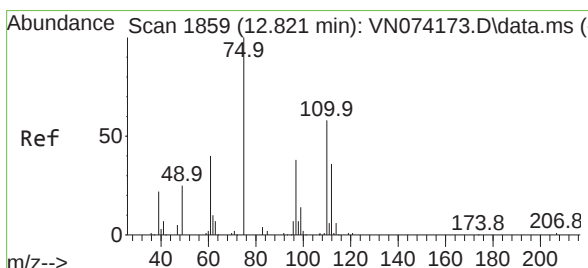
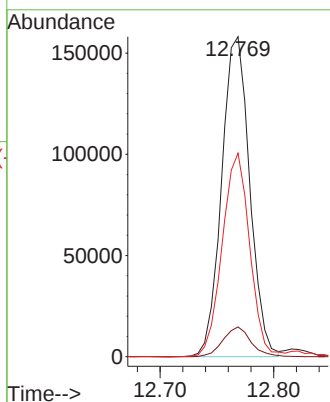
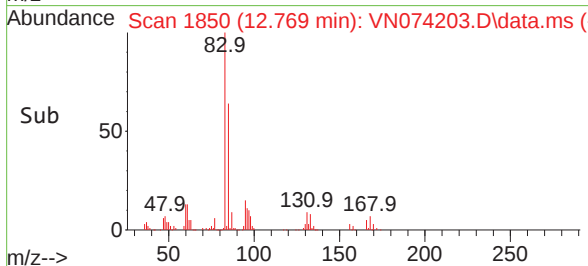
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050



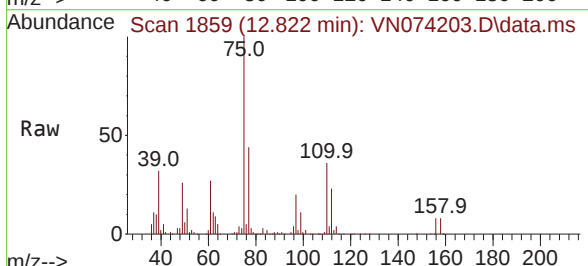
Tgt Ion: 83 Resp: 27133
Ion Ratio Lower Upper
83 100
131 9.2 5.3 15.9
85 62.3 32.3 96.9

Manual Integrations
APPROVED

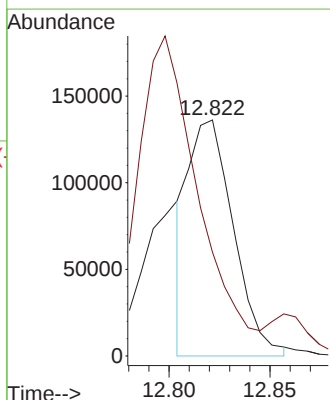
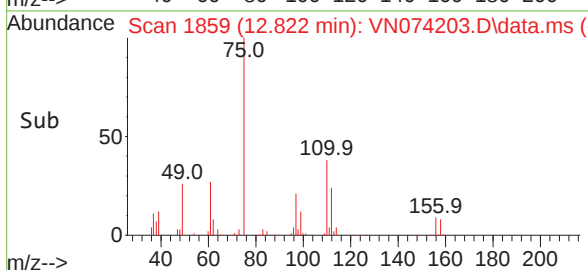
Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

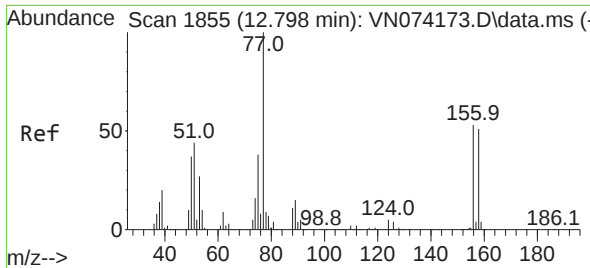


#76
1,2,3-Trichloropropane
Concen: 55.217 ug/l m
RT: 12.822 min Scan# 1859
Delta R.T. 0.001 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29



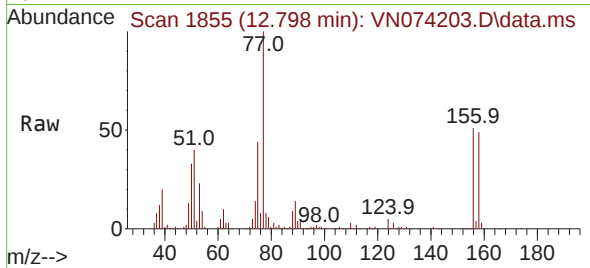
Tgt Ion: 75 Resp: 213044
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 50.114 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

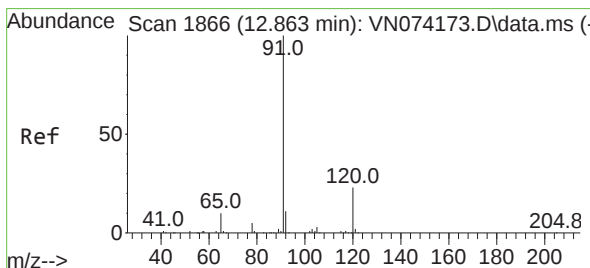
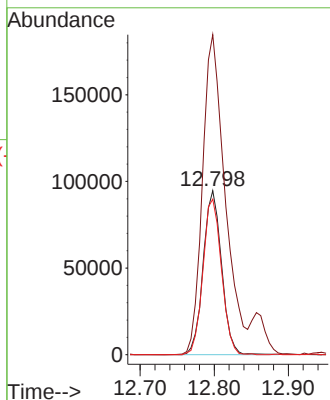
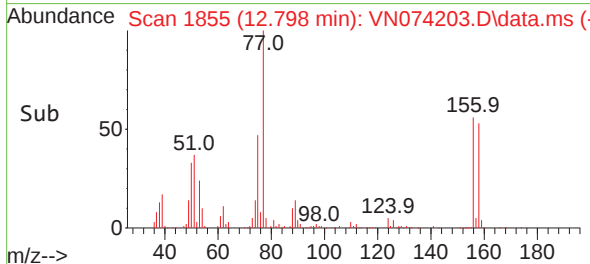
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



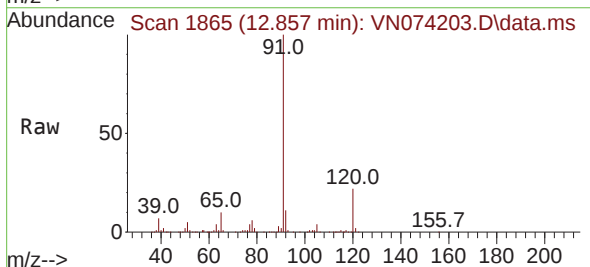
Tgt Ion: 156 Resp: 16311
Ion Ratio Lower Upper
156 100
77 239.5 100.5 301.5
158 95.4 48.9 146.6

Manual Integrations
APPROVED

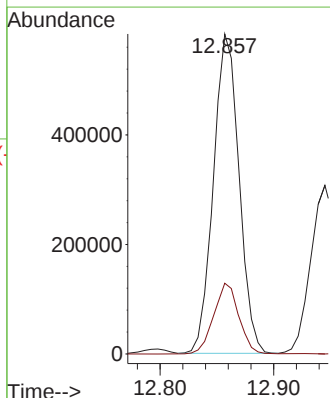
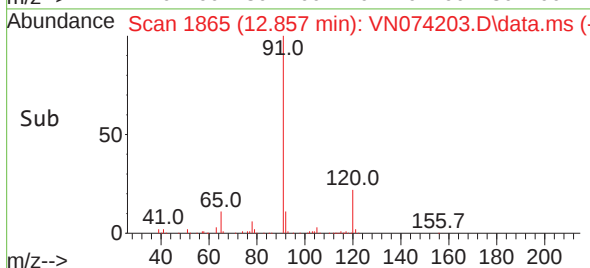
Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

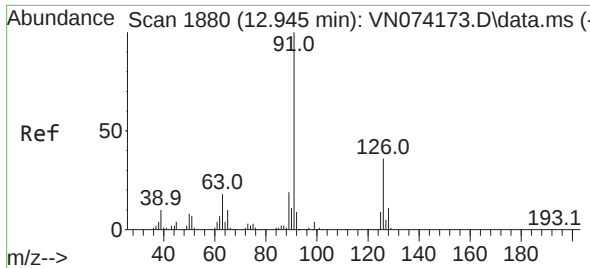


#78
n-propylbenzene
Concen: 57.687 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29



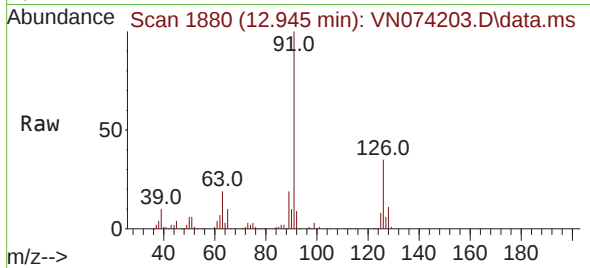
Tgt Ion: 91 Resp: 914959
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.5





#79
2-Chlorotoluene
Concen: 52.261 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

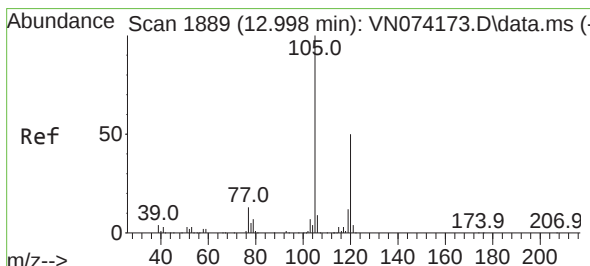
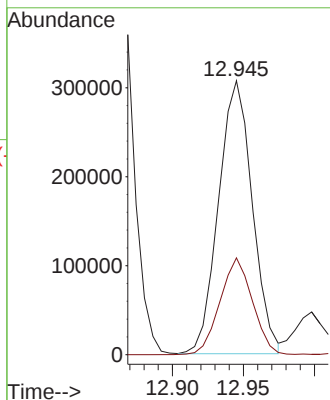
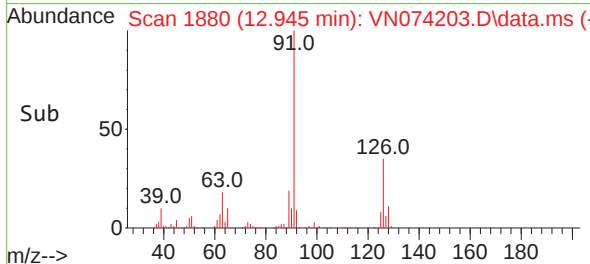
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



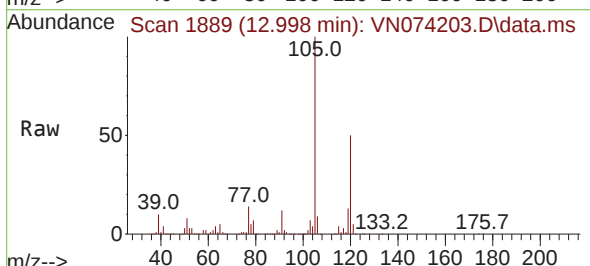
Tgt Ion: 91 Resp: 507725
Ion Ratio Lower Upper
91 100
126 34.1 17.3 51.9

Manual Integrations
APPROVED

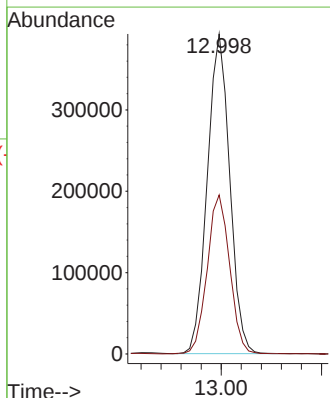
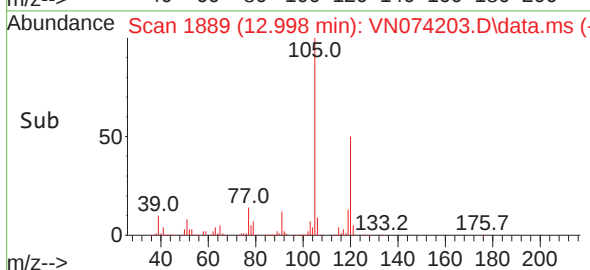
Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

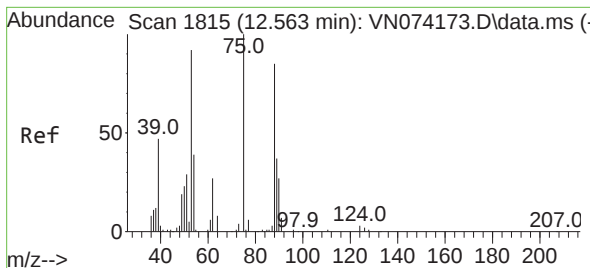


#80
1,3,5-Trimethylbenzene
Concen: 53.960 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29



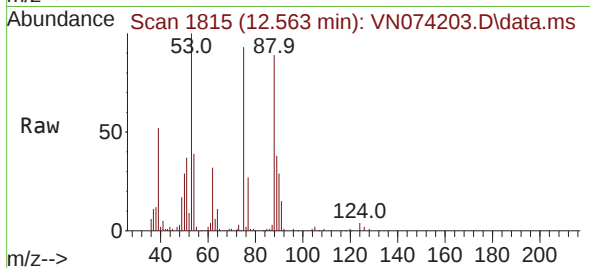
Tgt Ion:105 Resp: 610628
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 55.486 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

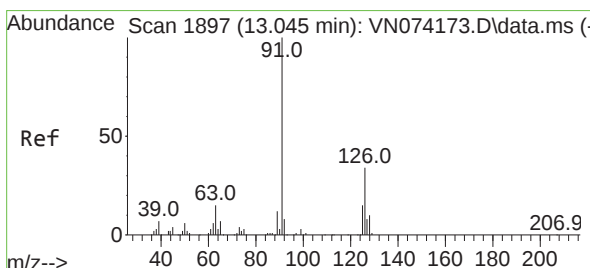
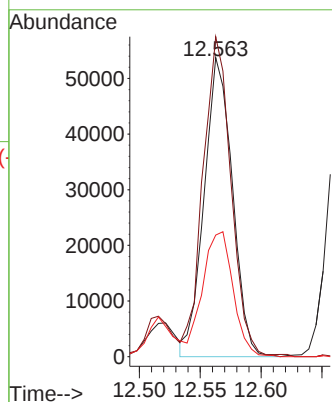
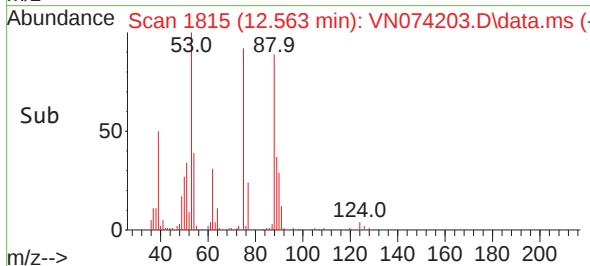
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 8685
Ion Ratio Lower Upper
75 100
53 106.7 78.0 117.0
89 44.7 37.2 55.8

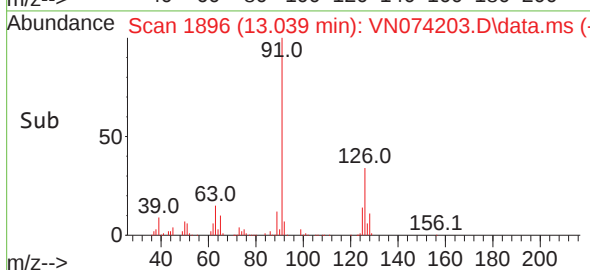
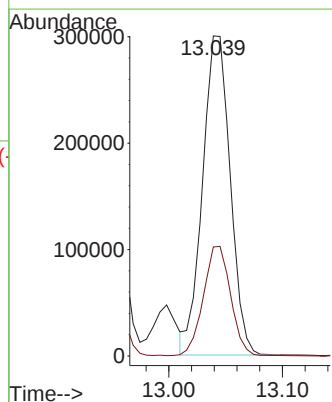
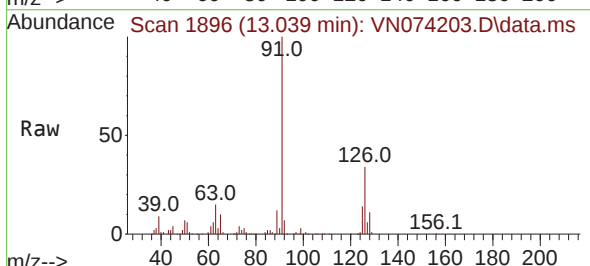
Manual Integrations
APPROVED

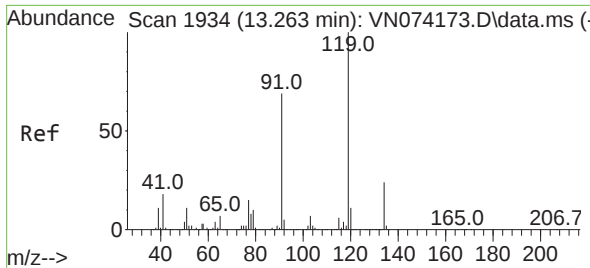
Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#82
4-Chlorotoluene
Concen: 54.003 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. -0.006 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

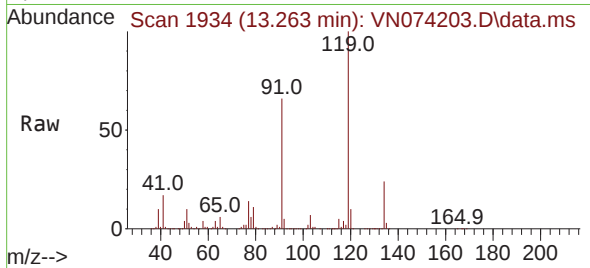
Tgt Ion: 91 Resp: 507654
Ion Ratio Lower Upper
91 100
126 34.1 17.2 51.6





#83
tert-Butylbenzene
Concen: 55.163 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

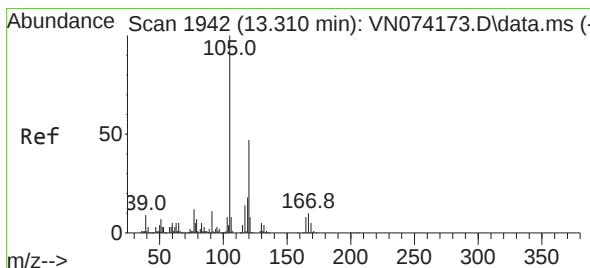
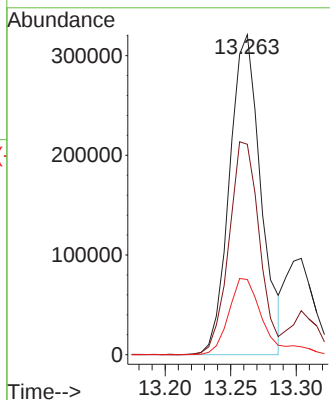
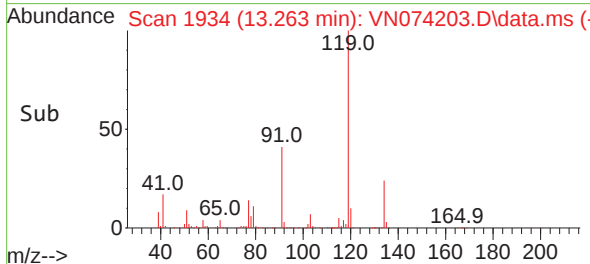
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 533982
Ion Ratio Lower Upper
119 100
91 64.8 31.6 94.8
134 26.4 13.7 41.1

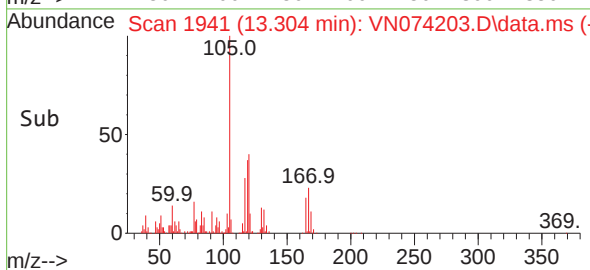
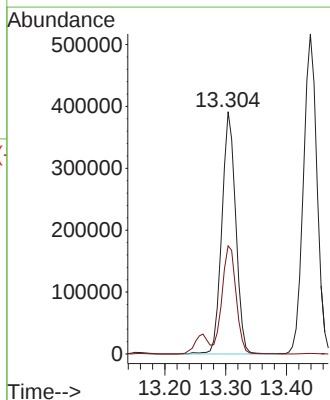
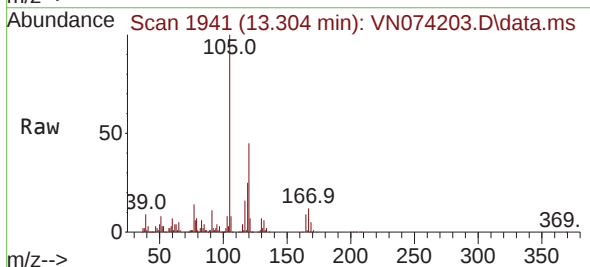
Manual Integrations
APPROVED

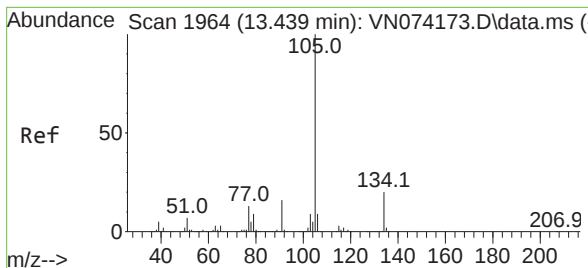
Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#84
1,2,4-Trimethylbenzene
Concen: 56.564 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

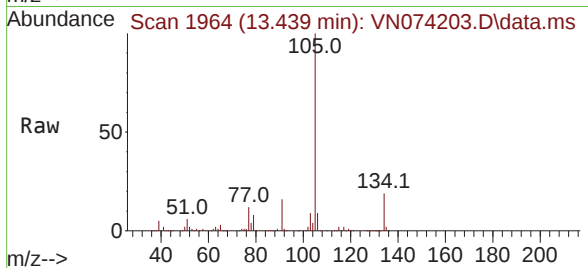
Tgt Ion:105 Resp: 617767
Ion Ratio Lower Upper
105 100
120 45.7 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 58.919 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN074203.D
 Acq: 31 Aug 2022 09:29

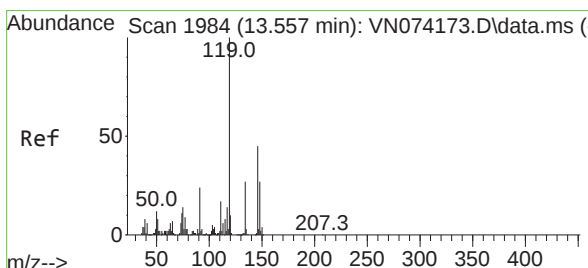
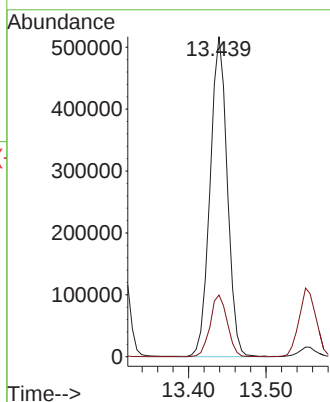
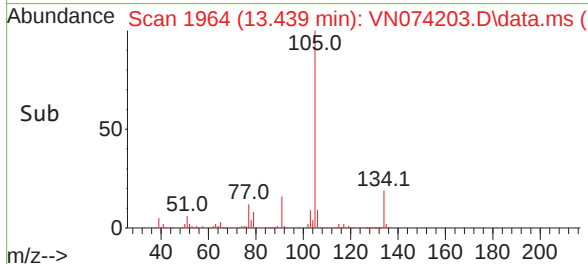
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



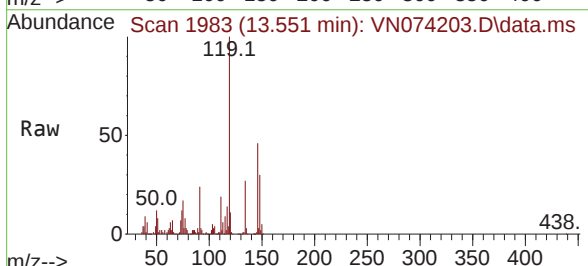
Tgt Ion:105 Resp: 800040
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.1

Manual Integrations
 APPROVED

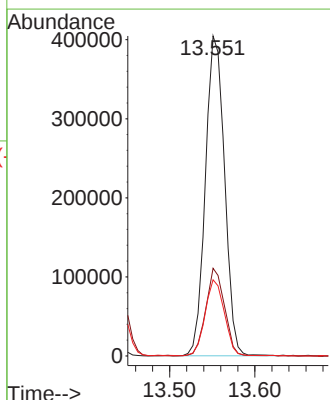
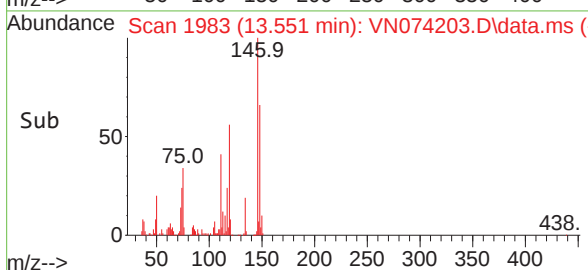
Reviewed By :John Carlone 09/01/2022
 Supervised By :Mahesh Dadoda 09/02/2022

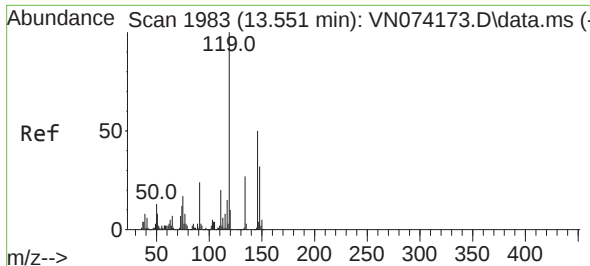


#86
 p-Isopropyltoluene
 Concen: 59.834 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN074203.D
 Acq: 31 Aug 2022 09:29



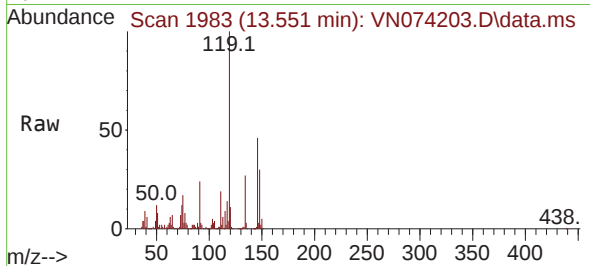
Tgt Ion:119 Resp: 632197
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 24.2 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 53.116 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

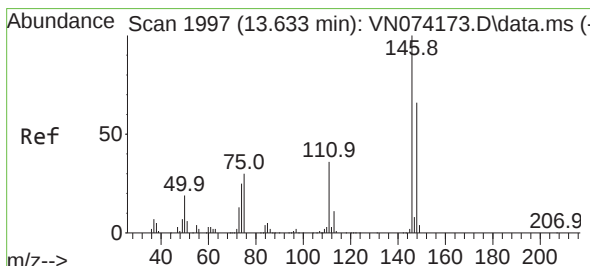
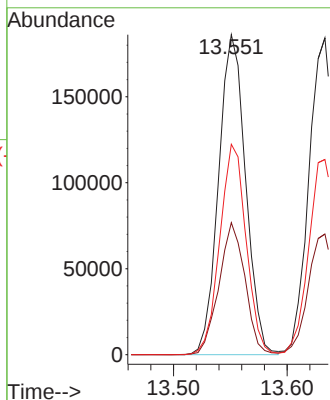
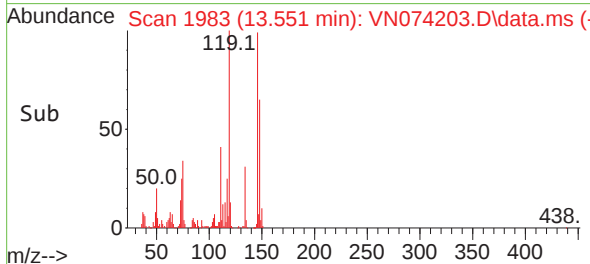
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



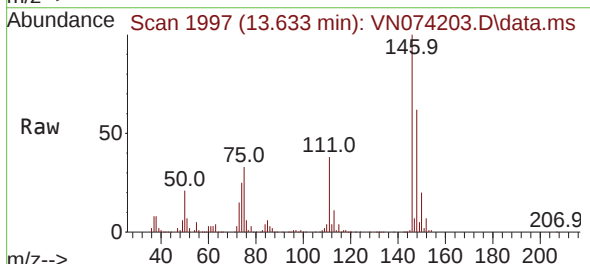
Tgt Ion:146 Resp: 30818
Ion Ratio Lower Upper
146 100
111 39.8 20.0 60.0
148 64.1 32.0 96.0

Manual Integrations
APPROVED

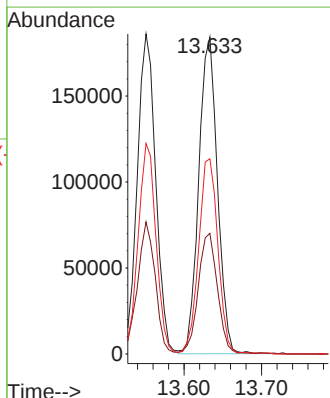
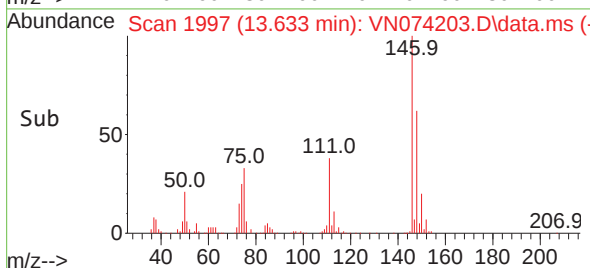
Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022

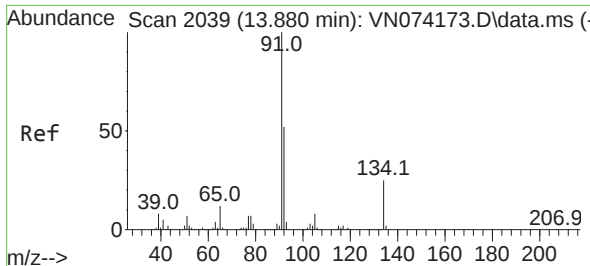


#88
1,4-Dichlorobenzene
Concen: 51.416 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29



Tgt Ion:146 Resp: 308622
Ion Ratio Lower Upper
146 100
111 39.0 19.1 57.1
148 63.7 31.4 94.3





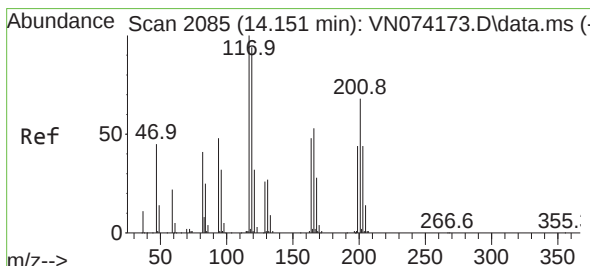
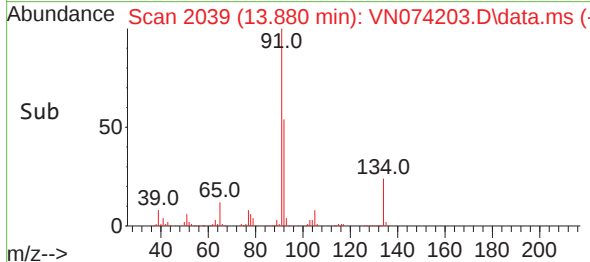
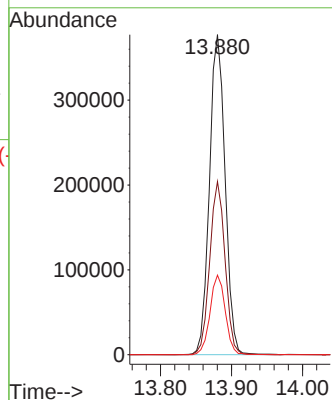
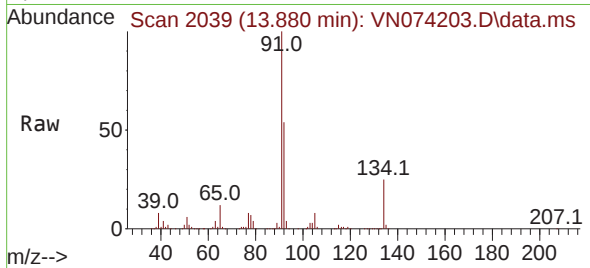
#89
n-Butylbenzene
Concen: 62.813 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 578015
Ion Ratio Lower Upper
91 100
92 52.9 26.9 80.7
134 24.2 13.6 40.8

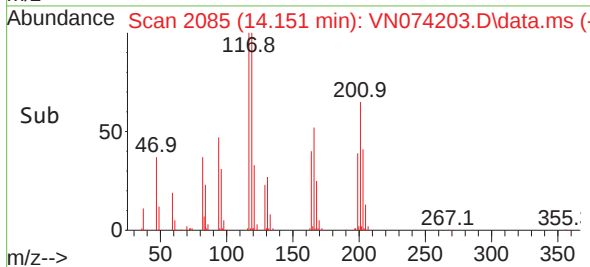
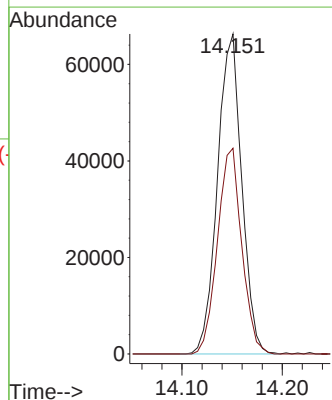
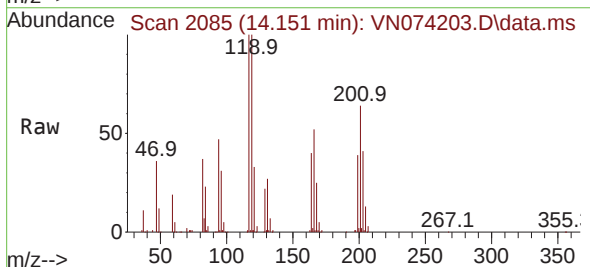
Manual Integrations
APPROVED

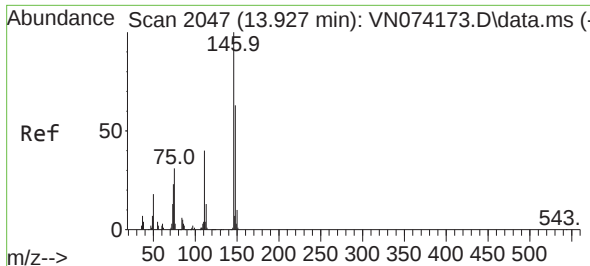
Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#90
Hexachloroethane
Concen: 51.100 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

Tgt Ion:117 Resp: 111310
Ion Ratio Lower Upper
117 100
201 64.4 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 51.364 ug/l

RT: 13.927 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VN074203.D

Acq: 31 Aug 2022 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

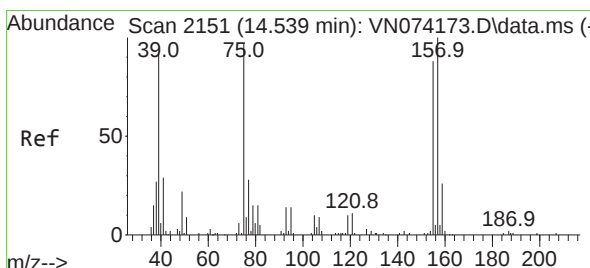
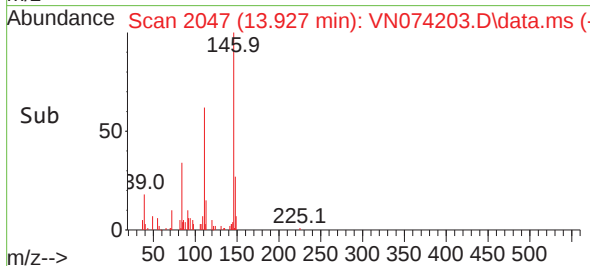
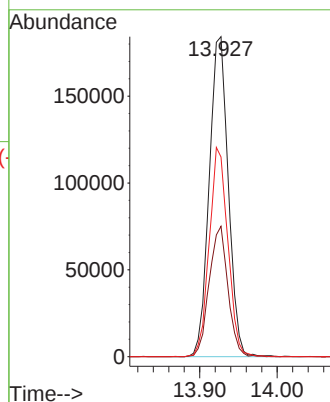
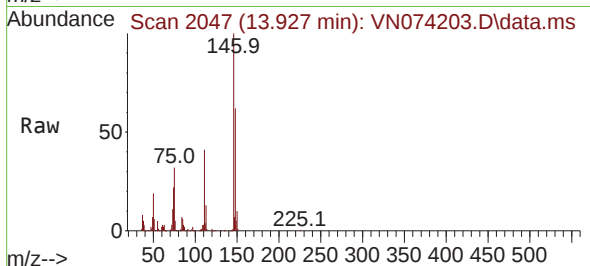
Tgt Ion:146 Resp: 31414
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.9 62.8
 148 63.9 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.839 ug/l

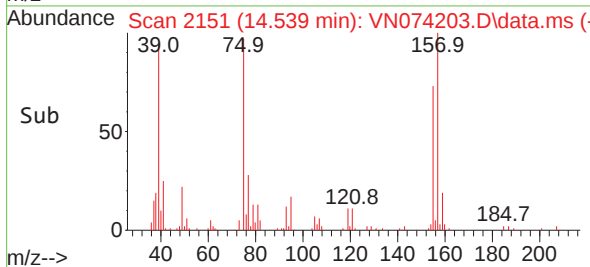
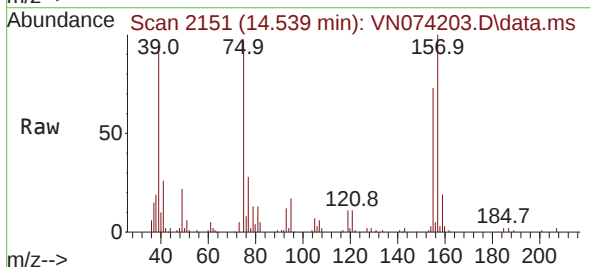
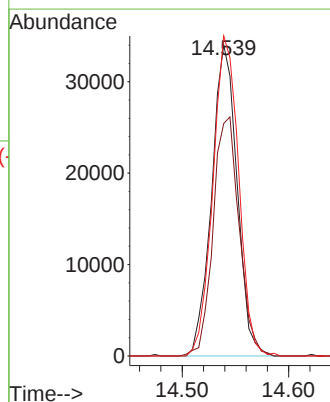
RT: 14.539 min Scan# 2151

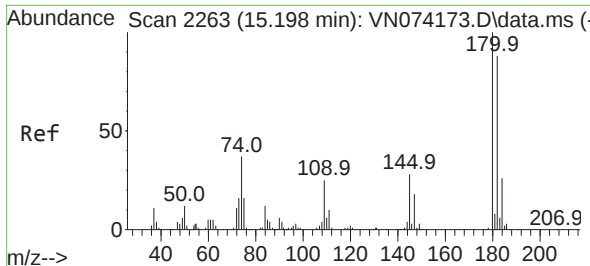
Delta R.T. 0.000 min

Lab File: VN074203.D

Acq: 31 Aug 2022 09:29

Tgt Ion: 75 Resp: 56330
 Ion Ratio Lower Upper
 75 100
 155 78.7 44.9 134.5
 157 104.2 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 55.433 ug/l

RT: 15.192 min Scan# 2262

Delta R.T. -0.006 min

Lab File: VN074203.D

Acq: 31 Aug 2022 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

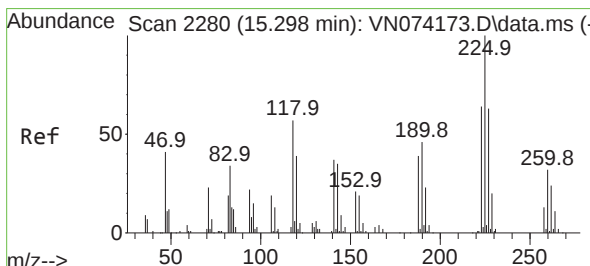
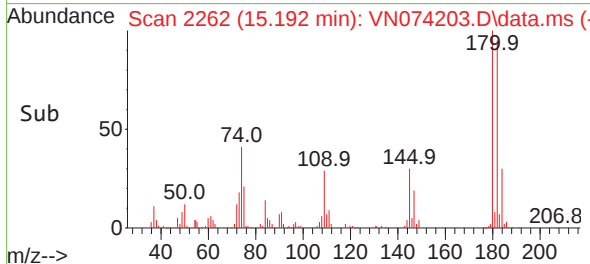
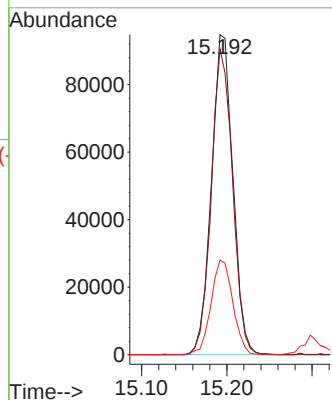
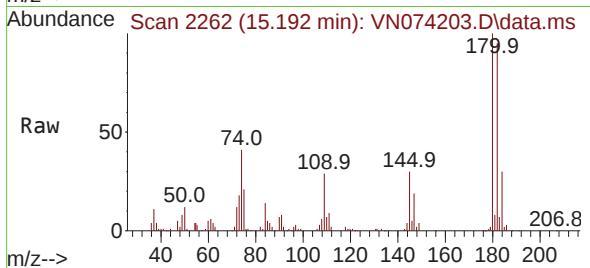
Tgt Ion:180	Resp: 165839
Ion Ratio	Lower Upper
180	100
182	94.5 47.5 142.5
145	30.1 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2022

Supervised By :Mahesh Dadoda 09/02/2022



#94

Hexachlorobutadiene

Concen: 48.959 ug/l

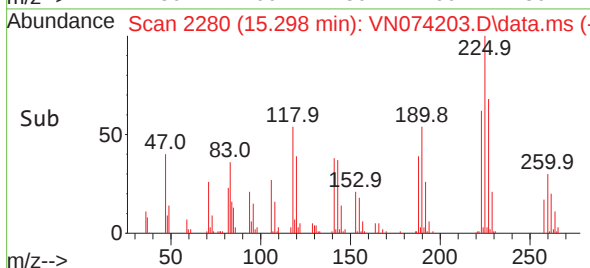
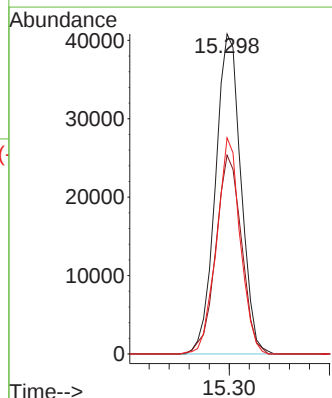
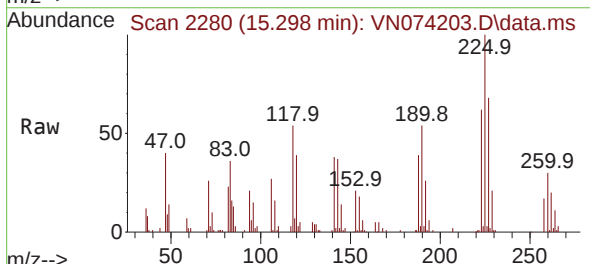
RT: 15.298 min Scan# 2280

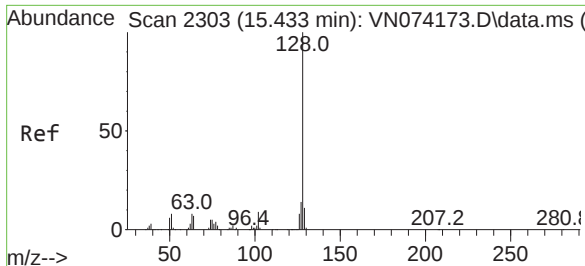
Delta R.T. 0.000 min

Lab File: VN074203.D

Acq: 31 Aug 2022 09:29

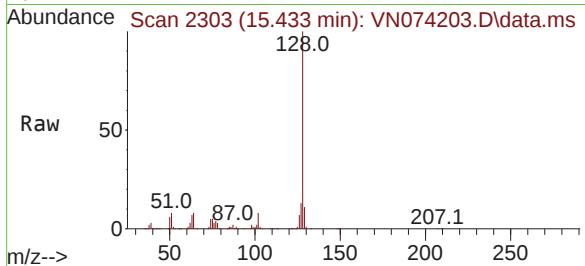
Tgt Ion:225	Resp: 72030
Ion Ratio	Lower Upper
225	100
223	62.7 32.4 97.2
227	62.9 31.8 95.4





#95
Naphthalene
Concen: 50.244 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29

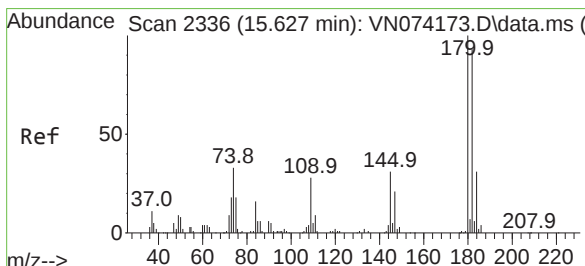
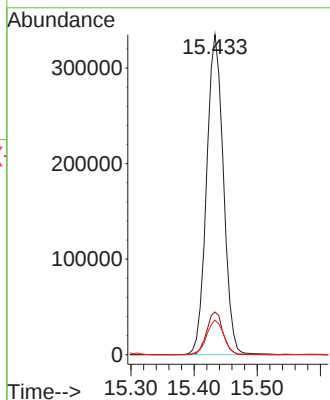
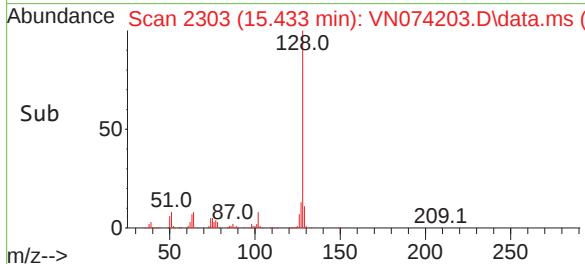
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



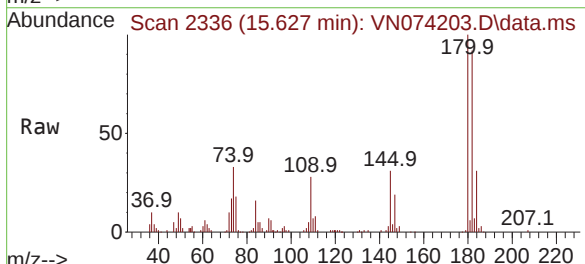
Tgt Ion:128 Resp: 619530
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/01/2022
Supervised By :Mahesh Dadoda 09/02/2022



#96
1,2,3-Trichlorobenzene
Concen: 54.420 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN074203.D
Acq: 31 Aug 2022 09:29



Tgt Ion:180 Resp: 168658
Ion Ratio Lower Upper
180 100
182 93.2 47.8 143.3
145 32.2 15.5 46.5

