

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074229.D
 Acq On : 01 Sep 2022 09:14
 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 09/02/2022
 Supervised By : Mahesh Dadoda 09/02/2022

Quant Time: Sep 01 16:13:37 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	202910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	358344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	346245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.609	152	167938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	167756	53.296	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.600%			
35) Dibromofluoromethane	7.945	113	125153	53.672	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.340%			
50) Toluene-d8	10.374	98	511140	55.662	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.320%			
62) 4-Bromofluorobenzene	12.668	95	168746	60.426	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	104449	49.748	ug/l	97
3) Chloromethane	2.269	50	176740	59.765	ug/l	99
4) Vinyl Chloride	2.404	62	163570	55.663	ug/l	97
5) Bromomethane	2.787	94	92478	57.561	ug/l	96
6) Chloroethane	2.957	64	116036	60.366	ug/l	97
7) Trichlorofluoromethane	3.316	101	200299	44.588	ug/l	99
8) Diethyl Ether	3.757	74	90118	47.171	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.140	101	122909	47.909	ug/l	91
10) Methyl Iodide	4.351	142	119696	57.805	ug/l	91
11) Tert butyl alcohol	5.275	59	155902	219.440	ug/l	99
12) 1,1-Dichloroethene	4.110	96	114255	48.026	ug/l	92
13) Acrolein	3.975	56	173751	249.711	ug/l	96
14) Allyl chloride	4.757	41	282570	53.263	ug/l #	93
15) Acrylonitrile	5.469	53	565012	248.471	ug/l	98
16) Acetone	4.210	43	476457	226.530	ug/l	97
17) Carbon Disulfide	4.457	76	330819	48.861	ug/l	99
18) Methyl Acetate	4.769	43	278184	52.323	ug/l #	87
19) Methyl tert-butyl Ether	5.528	73	464885	52.828	ug/l	98
20) Methylene Chloride	5.004	84	143850	51.015	ug/l #	76
21) trans-1,2-Dichloroethene	5.510	96	131917	48.043	ug/l	97
22) Diisopropyl ether	6.404	45	601951	55.691	ug/l #	91
23) Vinyl Acetate	6.345	43	2667905	292.344	ug/l #	91
24) 1,1-Dichloroethane	6.298	63	281557	52.802	ug/l	99
25) 2-Butanone	7.251	43	835497	248.316	ug/l #	84
26) 2,2-Dichloropropane	7.245	77	213536	62.036	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	156616	51.066	ug/l	88
28) Bromochloromethane	7.580	49	106904	60.387	ug/l #	69
29) Tetrahydrofuran	7.604	42	568820	265.456	ug/l #	83
30) Chloroform	7.739	83	277337	51.021	ug/l	99
31) Cyclohexane	8.022	56	282336	54.288	ug/l #	82
32) 1,1,1-Trichloroethane	7.939	97	225430	53.925	ug/l	95
36) 1,1-Dichloropropene	8.145	75	211211	55.825	ug/l	95
37) Ethyl Acetate	7.333	43	331365	52.371	ug/l #	92
38) Carbon Tetrachloride	8.133	117	184121	53.431	ug/l	97
39) Methylcyclohexane	9.392	83	258842	58.280	ug/l	92
40) Benzene	8.386	78	653473	55.008	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	142009	48.622	ug/l	93
42) 1,2-Dichloroethane	8.463	62	224025	52.991	ug/l	99
43) Isopropyl Acetate	8.492	43	478106	56.208	ug/l #	90
44) Trichloroethene	9.145	130	137100	51.646	ug/l	86
45) 1,2-Dichloropropane	9.422	63	177597	55.370	ug/l	98
46) Dibromomethane	9.516	93	110951	51.794	ug/l #	85
47) Bromodichloromethane	9.698	83	217522	51.817	ug/l	97
48) Methyl methacrylate	9.492	41	230144	56.960	ug/l #	86
49) 1,4-Dioxane	9.504	88	74718	857.154	ug/l #	87
51) 4-Methyl-2-Pentanone	10.269	43	1692937	274.238	ug/l	89
52) Toluene	10.445	92	402807	57.526	ug/l	97
53) t-1,3-Dichloropropene	10.657	75	242766	60.993	ug/l	97
54) cis-1,3-Dichloropropene	10.127	75	259095	58.144	ug/l #	89
55) 1,1,2-Trichloroethane	10.833	97	164374	54.270	ug/l	96
56) Ethyl methacrylate	10.698	69	274947	59.890	ug/l #	76
57) 1,3-Dichloropropane	10.980	76	287615	54.640	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	641787	276.351	ug/l #	88
59) 2-Hexanone	11.021	43	1288813	275.107	ug/l	88
60) Dibromochloromethane	11.174	129	158370	55.824	ug/l	98
61) 1,2-Dibromoethane	11.280	107	161008	55.632	ug/l	99
64) Tetrachloroethene	10.910	164	122389	48.800	ug/l	94
65) Chlorobenzene	11.710	112	402244	51.627	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.780	131	140799	50.843	ug/l	98
67) Ethyl Benzene	11.780	91	785419	56.173	ug/l	96
68) m/p-Xylenes	11.892	106	592565	114.083	ug/l	96
69) o-Xylene	12.215	106	286688	55.393	ug/l	96
70) Styrene	12.233	104	487572	59.131	ug/l	99
71) Bromoform	12.392	173	114113	48.648	ug/l #	100
73) Isopropylbenzene	12.515	105	759413	52.802	ug/l	97
74) N-amyl acetate	12.327	43	423412	52.035	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.762	83	273275	45.817	ug/l	99
76) 1,2,3-Trichloropropane	12.815	75	217956m	54.631	ug/l	
77) Bromobenzene	12.798	156	164000	48.748	ug/l	82
78) n-propylbenzene	12.857	91	947979	57.825	ug/l	95
79) 2-Chlorotoluene	12.945	91	537093	53.486	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	632694	54.092	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.568	75	88632	54.781	ug/l	93
82) 4-Chlorotoluene	13.039	91	531991	54.752	ug/l	98
83) tert-Butylbenzene	13.262	119	543930	54.364	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	633534	56.121	ug/l	99
85) sec-Butylbenzene	13.439	105	823779	58.694	ug/l	96
86) p-Isopropyltoluene	13.551	119	646120	59.163	ug/l	97
87) 1,3-Dichlorobenzene	13.551	146	313063	52.202	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	316275	50.977	ug/l	99
89) n-Butylbenzene	13.880	91	592981	62.344	ug/l	97
90) Hexachloroethane	14.145	117	113717	50.507	ug/l	81
91) 1,2-Dichlorobenzene	13.921	146	317376	50.204	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	55782	46.792	ug/l	83
93) 1,2,4-Trichlorobenzene	15.192	180	168412	54.462	ug/l	98
94) Hexachlorobutadiene	15.298	225	75757	49.818	ug/l	95
95) Naphthalene	15.433	128	615304	48.324	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	168786	52.690	ug/l	98

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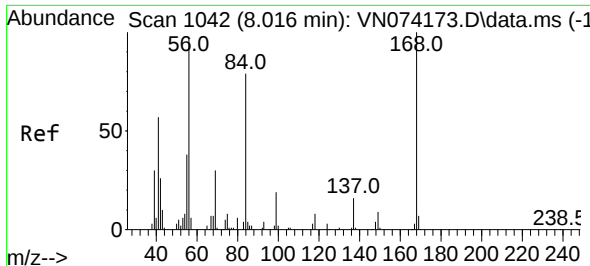
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Wed Aug 31 07:02:40 2022
Response via : Initial Calibration

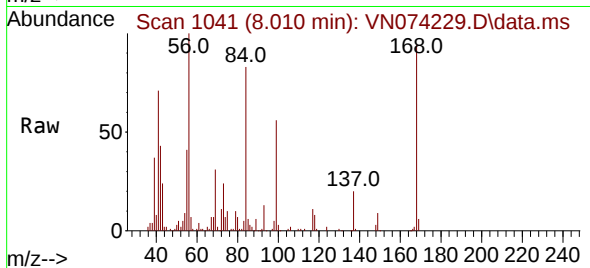
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

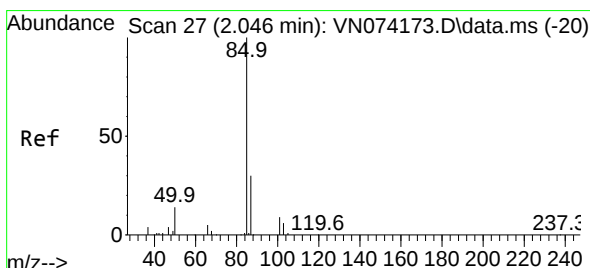
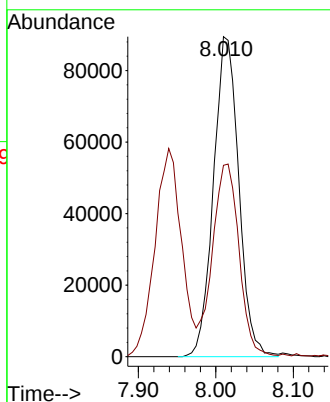
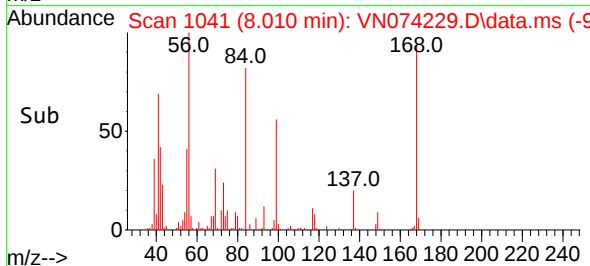
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



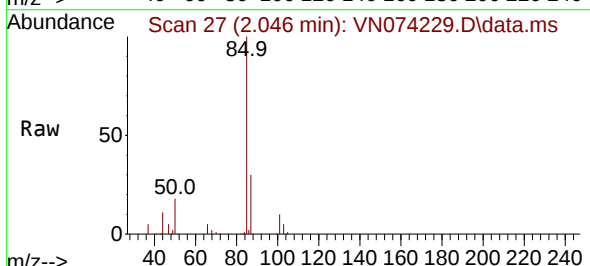
Tgt Ion: 168 Resp: 202910
Ion Ratio Lower Upper
168 100
99 59.4 42.3 63.5

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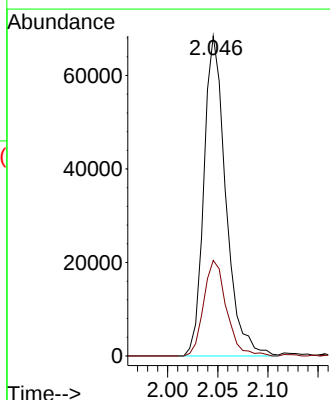
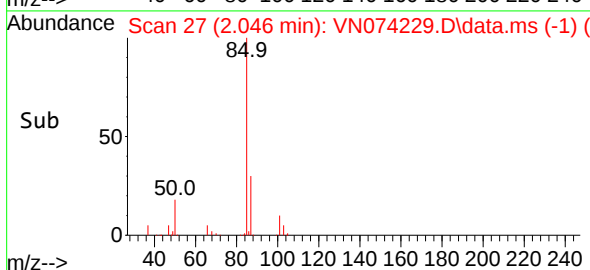
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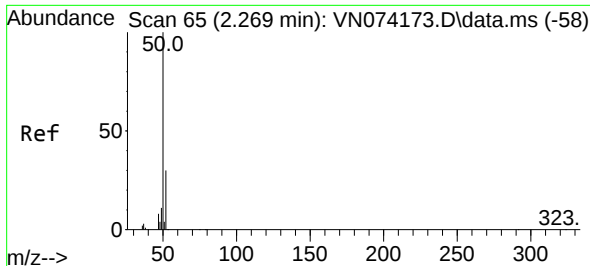


#2
Dichlorodifluoromethane
Concen: 49.748 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14



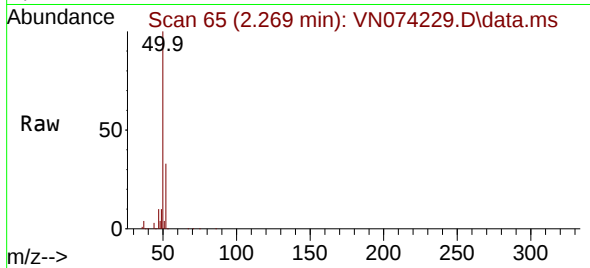
Tgt Ion: 85 Resp: 104449
Ion Ratio Lower Upper
85 100
87 29.9 15.7 47.1





#3
Chloromethane
Concen: 59.765 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

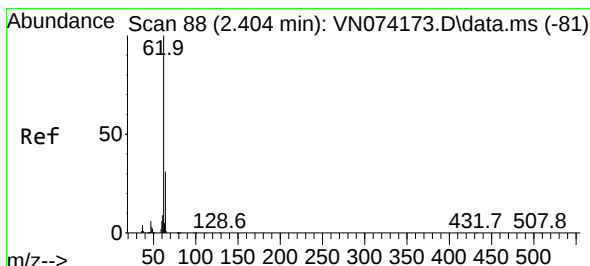
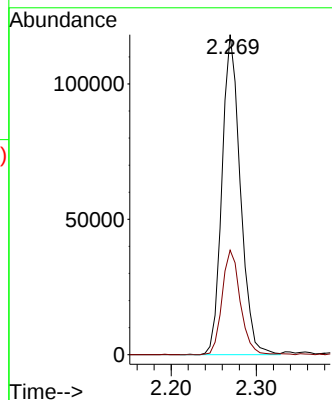
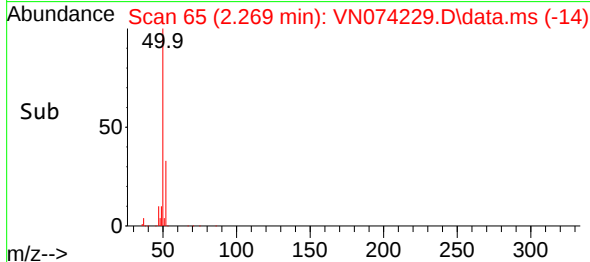
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 176740
Ion Ratio Lower Upper
50 100
52 32.7 25.7 38.5

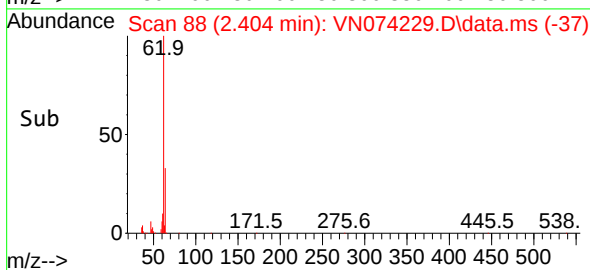
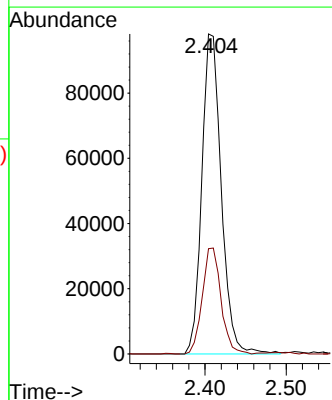
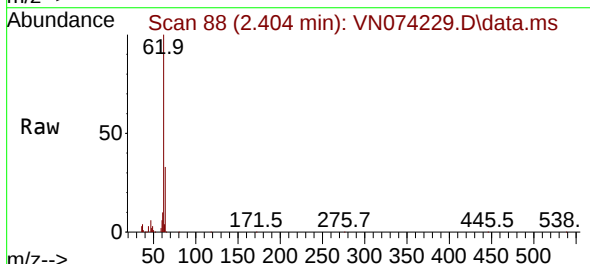
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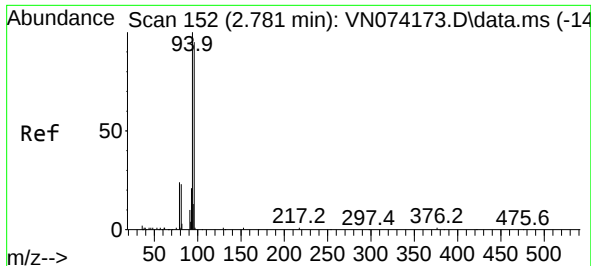
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#4
Vinyl Chloride
Concen: 55.663 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

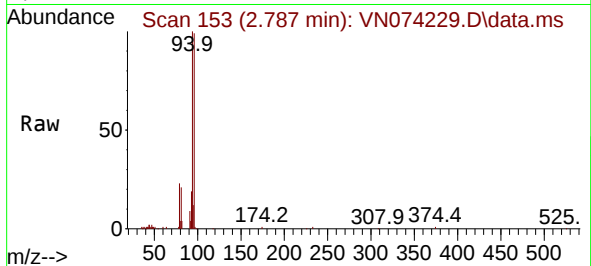
Tgt Ion: 62 Resp: 163570
Ion Ratio Lower Upper
62 100
64 32.9 25.0 37.4





#5
Bromomethane
Concen: 57.561 ug/l
RT: 2.787 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

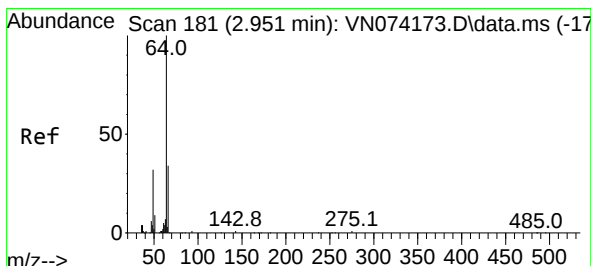
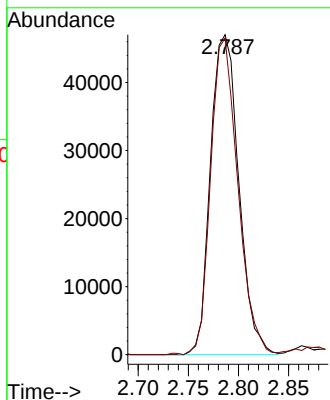
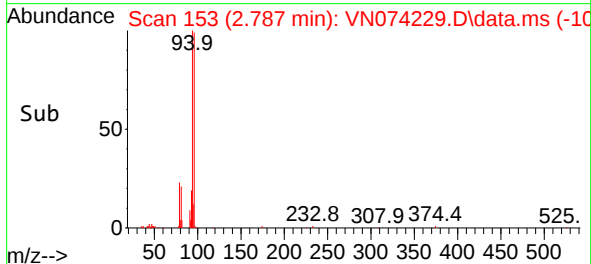
Instrument :
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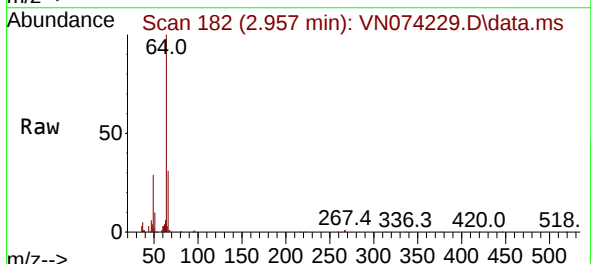
Tgt Ion: 94 Resp: 92478
Ion Ratio Lower Upper
94 100
96 98.5 76.0 114.0

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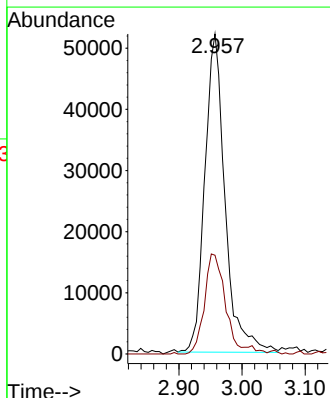
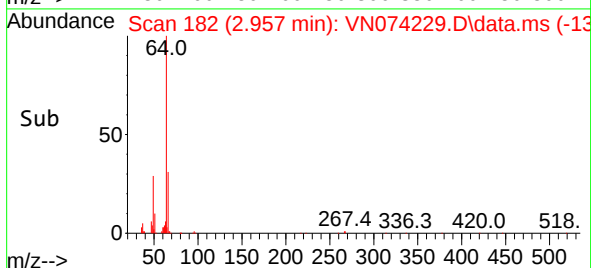
Reviewed By :John Carlone 09/02/2022
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#6
Chloroethane
Concen: 60.366 ug/l
RT: 2.957 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14



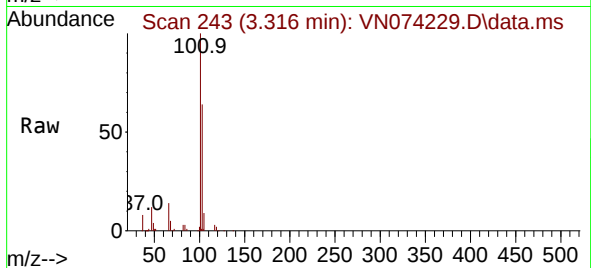
Tgt Ion: 64 Resp: 116036
Ion Ratio Lower Upper
64 100
66 31.0 26.2 39.4





#7
Trichlorofluoromethane
Concen: 44.588 ug/l
RT: 3.316 min Scan# 242
Delta R.T. 0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

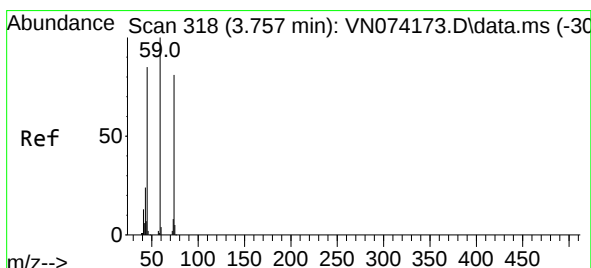
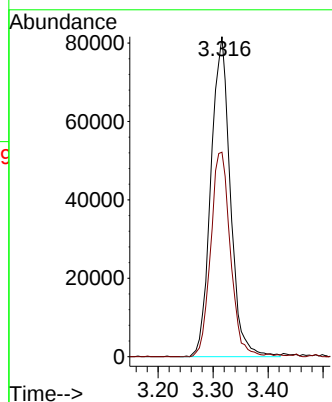
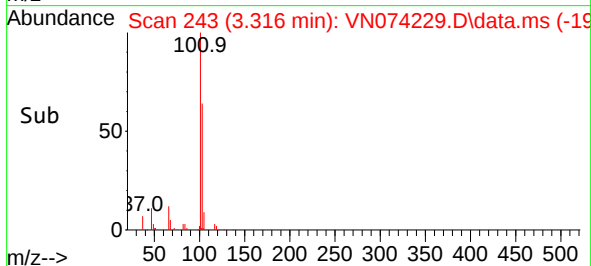
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 101 Resp: 200299
Ion Ratio Lower Upper
101 100
103 63.9 51.5 77.3

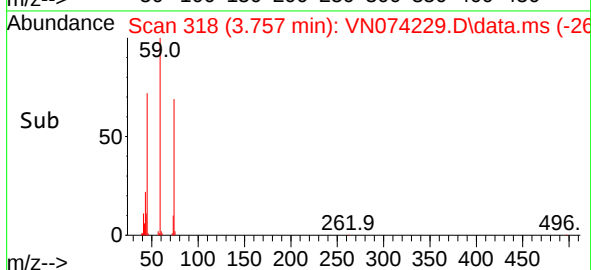
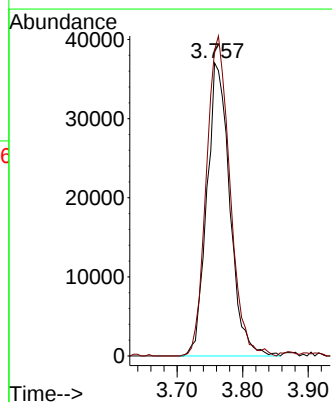
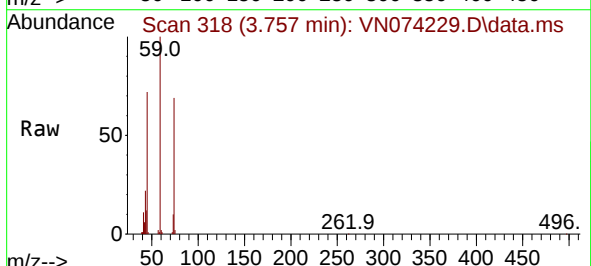
Manual Integrations
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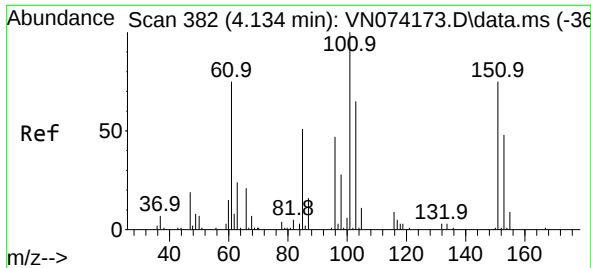
Reviewed By : John Carlone 09/02/2022
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#8
Diethyl Ether
Concen: 47.171 ug/l
RT: 3.757 min Scan# 318
Delta R.T. -0.000 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

Tgt Ion: 74 Resp: 90118
Ion Ratio Lower Upper
74 100
45 112.6 42.9 128.5





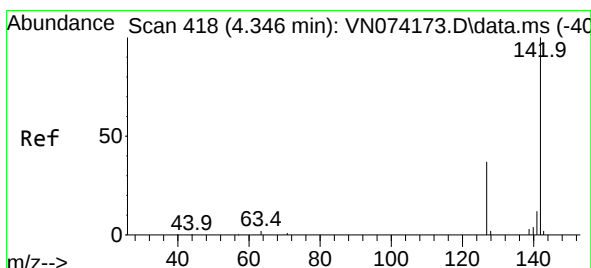
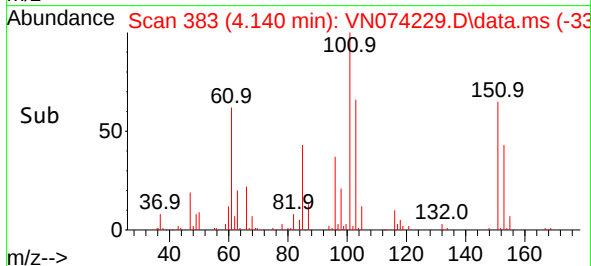
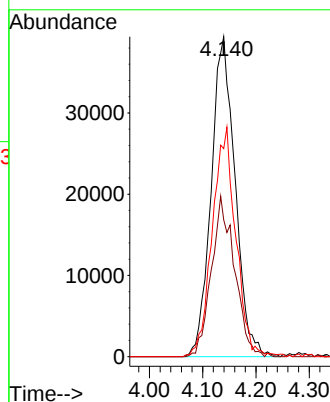
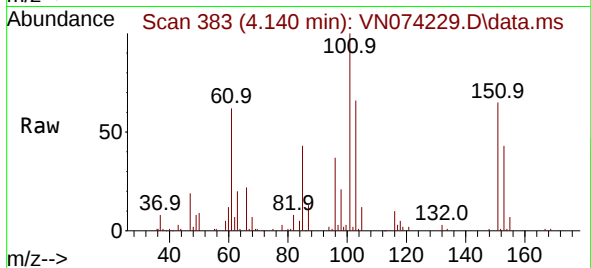
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.909 ug/l
RT: 4.140 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 122905
Ion Ratio Lower Upper
101 100
85 48.5 34.7 52.1
151 70.5 63.0 94.4

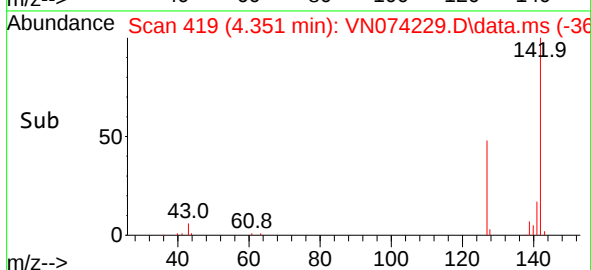
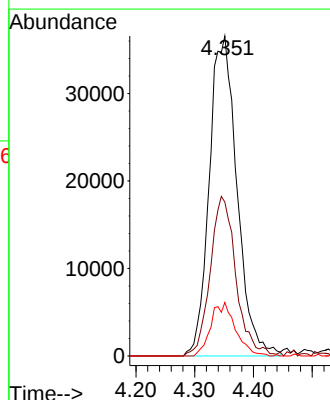
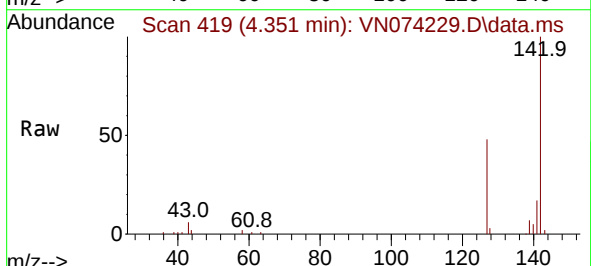
Manual Integrations
APPROVED

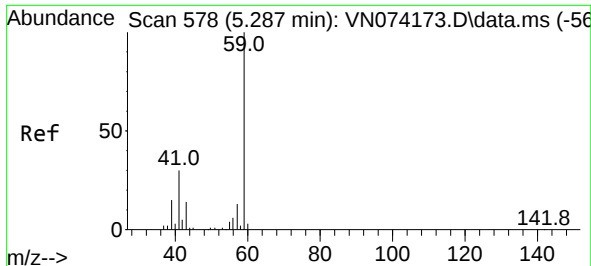
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#10
Methyl Iodide
Concen: 57.805 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

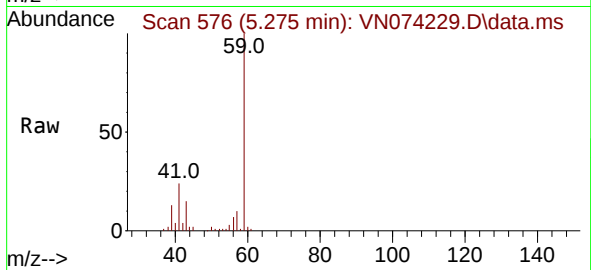
Tgt Ion:142 Resp: 119696
Ion Ratio Lower Upper
142 100
127 46.2 31.3 46.9
141 14.9 11.2 16.8





#11
Tert butyl alcohol
Concen: 219.440 ug/l
RT: 5.275 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

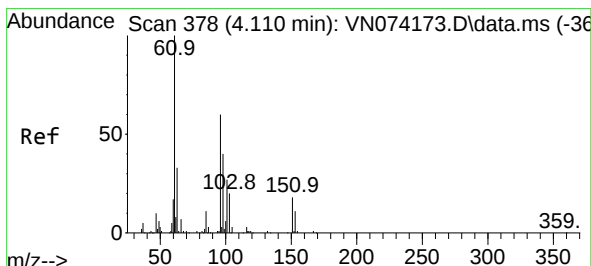
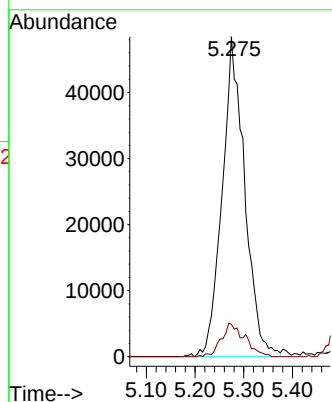
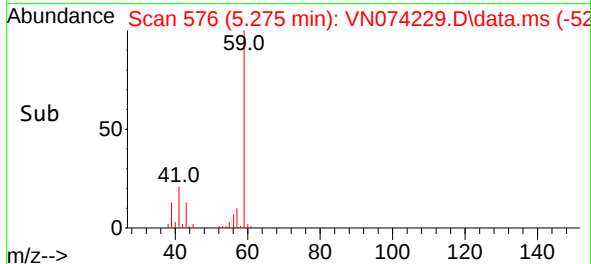
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



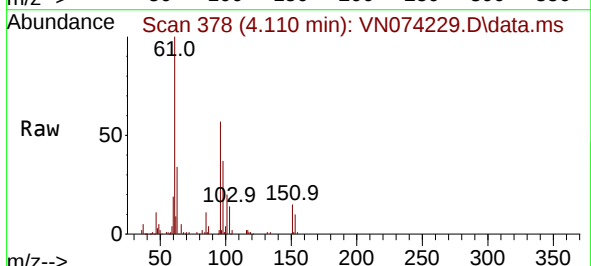
Tgt Ion: 59 Resp: 155902
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5

Manual Integrations
APPROVED

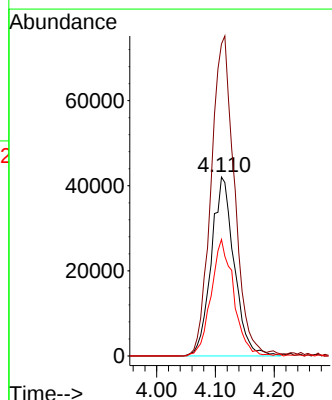
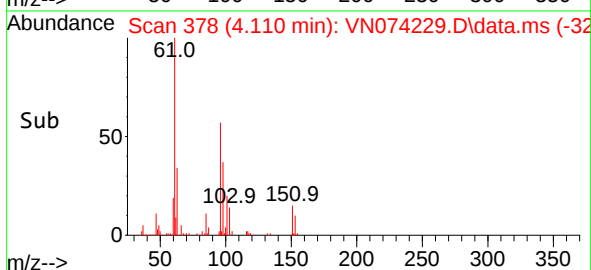
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

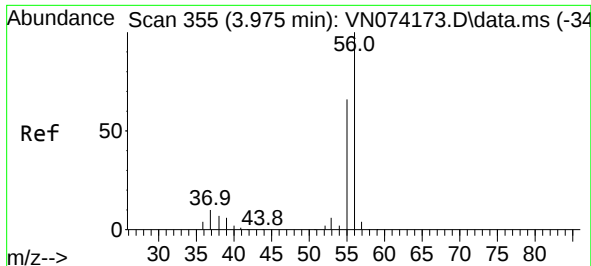


#12
1,1-Dichloroethene
Concen: 48.026 ug/l
RT: 4.110 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14



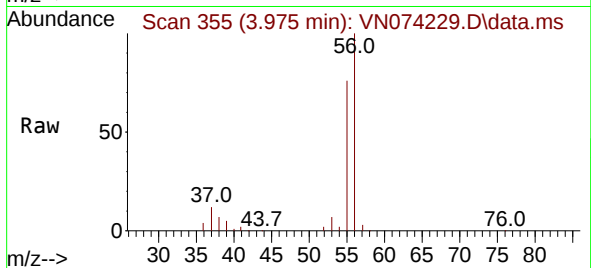
Tgt Ion: 96 Resp: 114255
Ion Ratio Lower Upper
96 100
61 174.4 127.6 191.4
98 65.1 51.2 76.8





#13
Acrolein
Concen: 249.711 ug/l
RT: 3.975 min Scan# 355
Delta R.T. -0.000 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

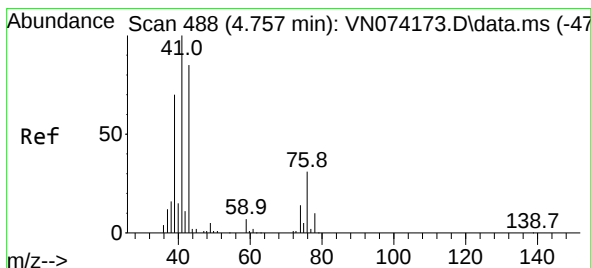
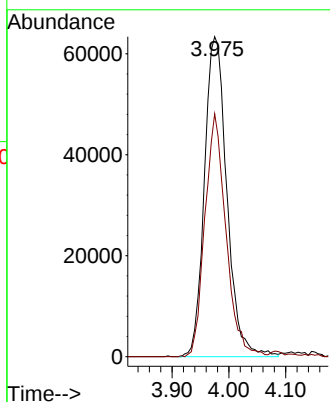
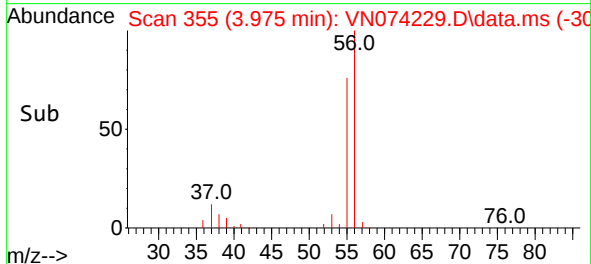
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 17375
Ion Ratio Lower Upper
56 100
55 71.4 54.8 82.2

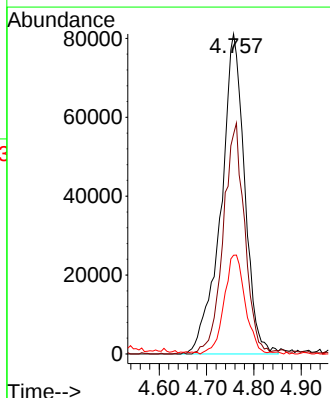
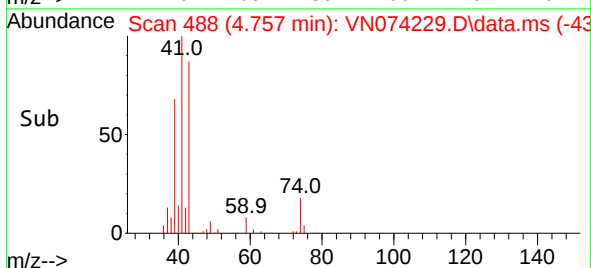
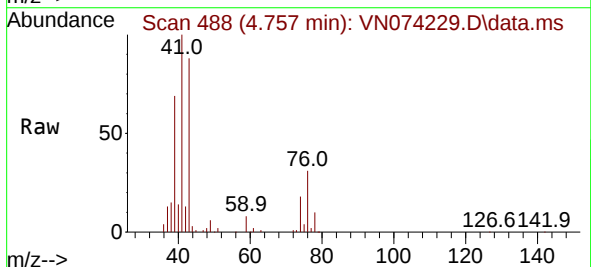
Manual Integrations
APPROVED

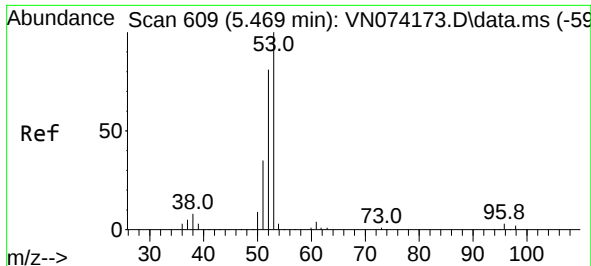
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#14
Allyl chloride
Concen: 53.263 ug/l
RT: 4.757 min Scan# 488
Delta R.T. -0.000 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

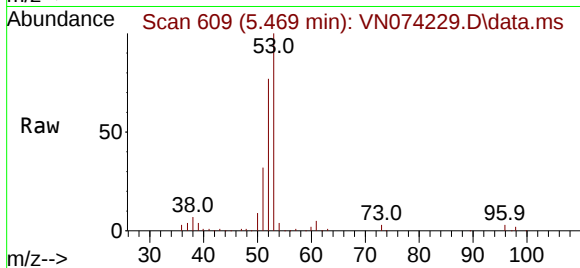
Tgt Ion: 41 Resp: 282570
Ion Ratio Lower Upper
41 100
39 65.1 53.2 79.8
76 27.5 29.9 44.9





#15
Acrylonitrile
Concen: 248.471 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

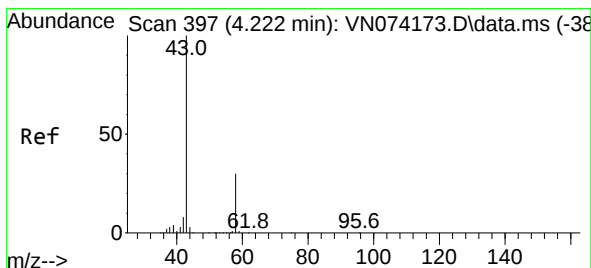
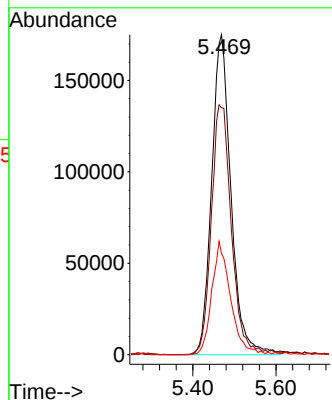
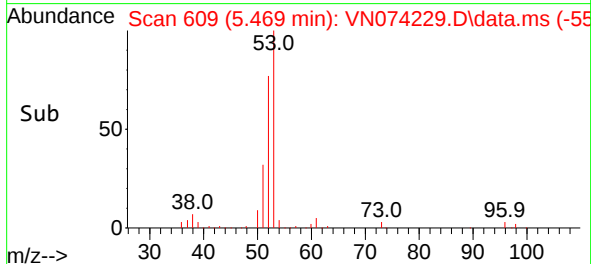
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



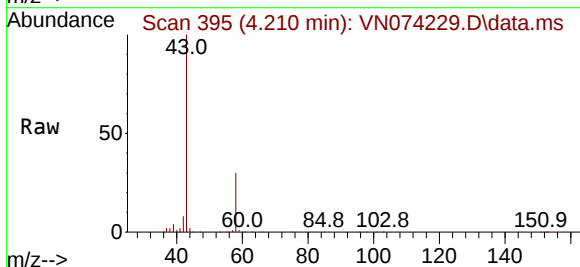
Tgt Ion: 53 Resp: 565012
Ion Ratio Lower Upper
53 100
52 80.9 66.4 99.6
51 34.2 28.5 42.7

Manual Integrations
APPROVED

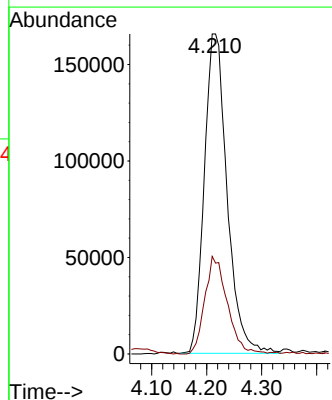
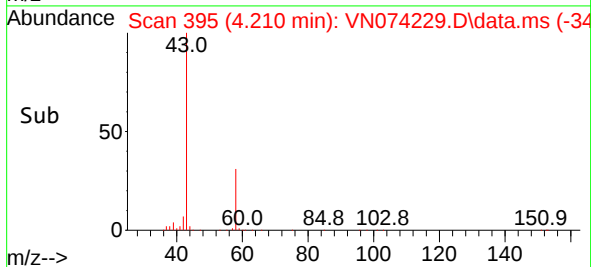
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

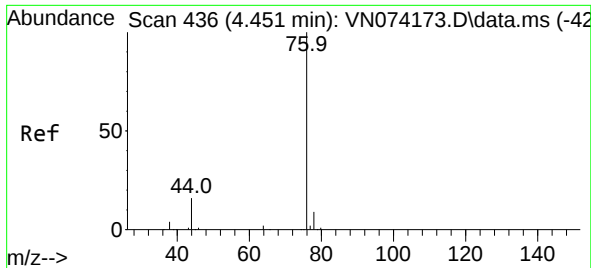


#16
Acetone
Concen: 226.530 ug/l
RT: 4.210 min Scan# 395
Delta R.T. -0.012 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14



Tgt Ion: 43 Resp: 476457
Ion Ratio Lower Upper
43 100
58 30.6 26.0 39.0





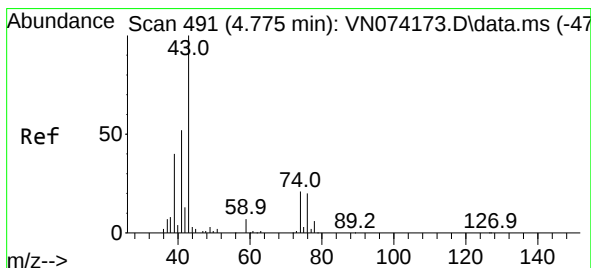
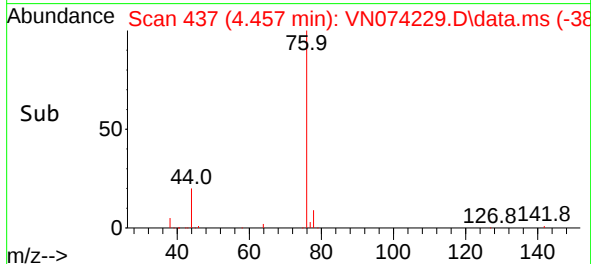
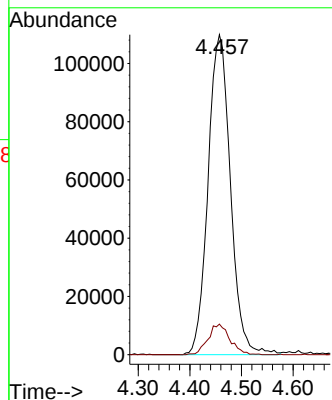
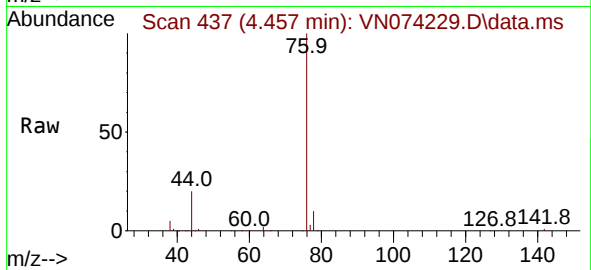
#17
Carbon Disulfide
Concen: 48.861 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 330819
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

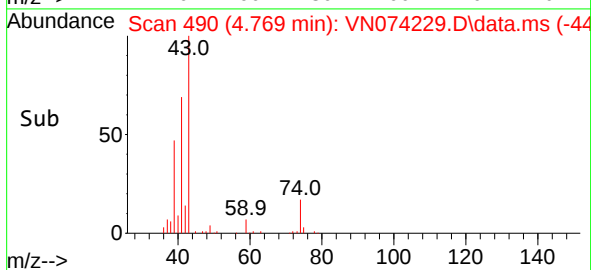
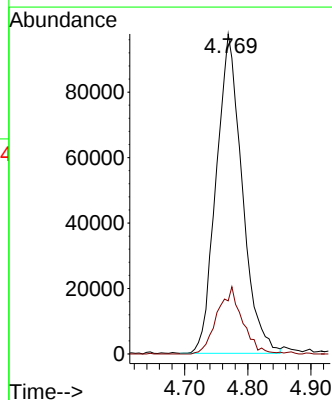
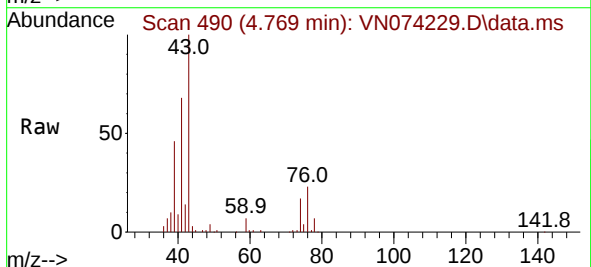
Manual Integrations
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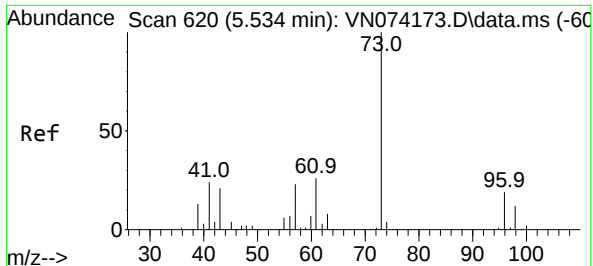
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#18
Methyl Acetate
Concen: 52.323 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

Tgt Ion: 43 Resp: 278184
Ion Ratio Lower Upper
43 100
74 20.4 21.6 32.4#





#19

Methyl tert-butyl Ether

Concen: 52.828 ug/l

RT: 5.528 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN074229.D

Acq: 01 Sep 2022 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 46488

Ion Ratio Lower Upper

73 100

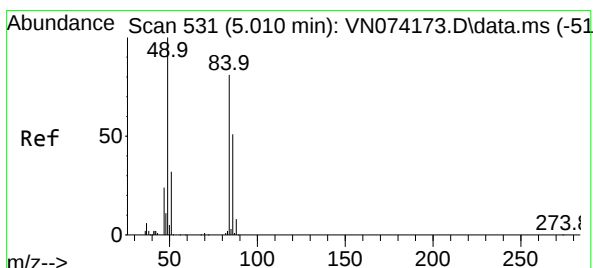
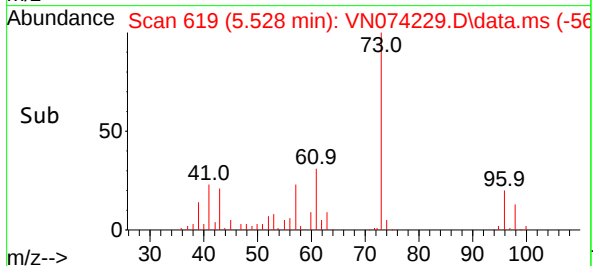
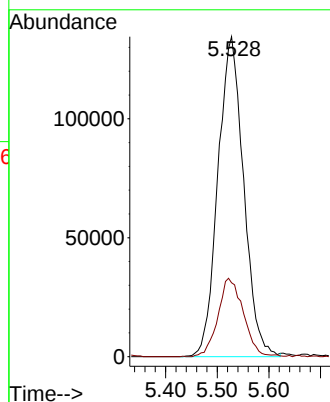
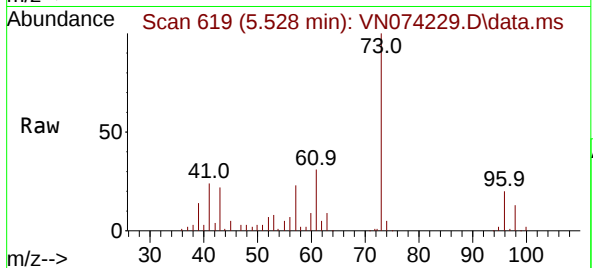
57 23.1 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#20

Methylene Chloride

Concen: 51.015 ug/l

RT: 5.004 min Scan# 530

Delta R.T. -0.006 min

Lab File: VN074229.D

Acq: 01 Sep 2022 09:14

Tgt Ion: 84 Resp: 143850

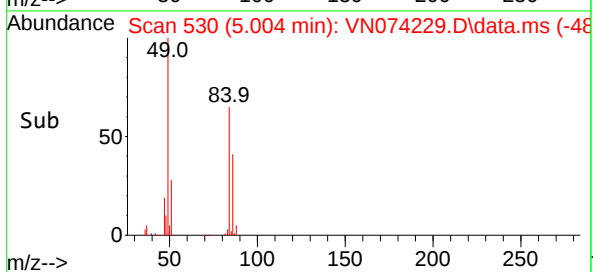
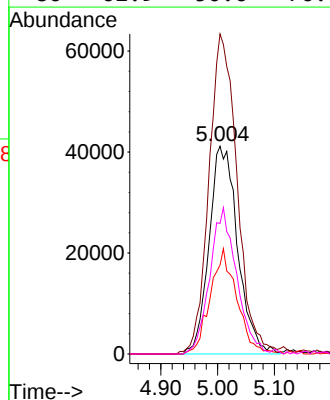
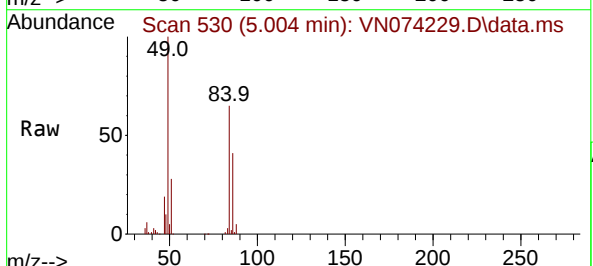
Ion Ratio Lower Upper

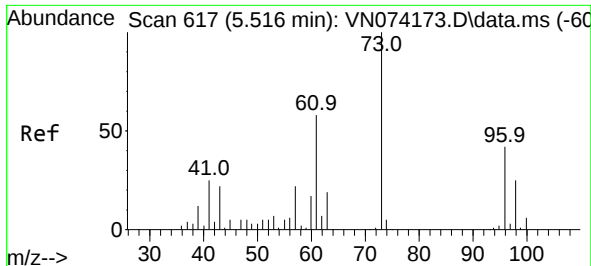
84 100

49 152.8 88.3 132.5#

51 42.8 28.2 42.2#

86 62.9 50.6 76.0





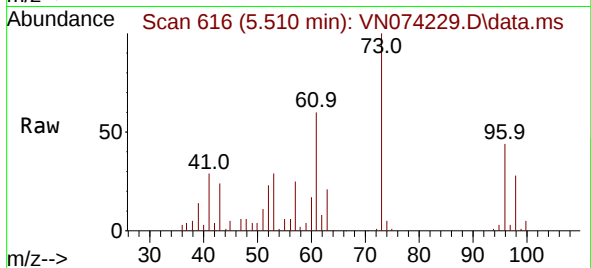
#21
trans-1,2-Dichloroethene
Concen: 48.043 ug/l
RT: 5.510 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



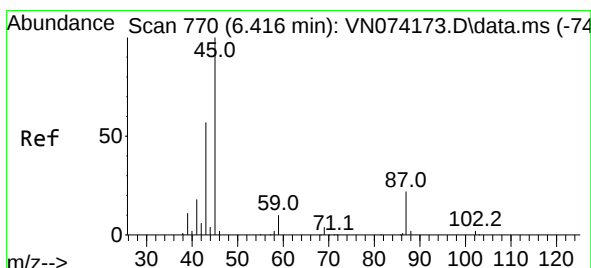
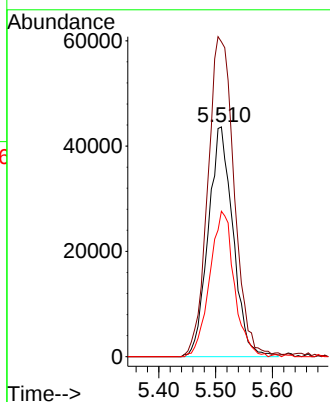
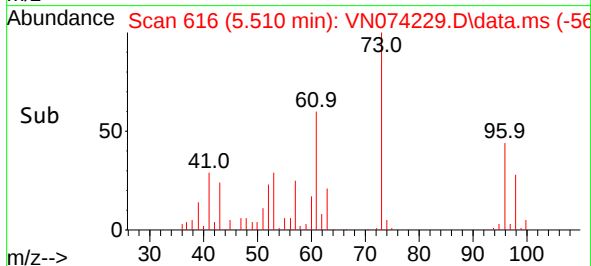
Tgt Ion: 96 Resp: 13191
Ion Ratio Lower Upper
96 100
61 137.1 105.8 158.8
98 63.3 50.3 75.5

Manual Integrations

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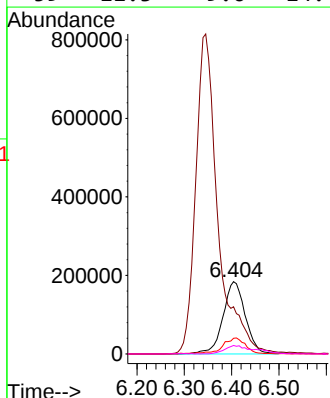
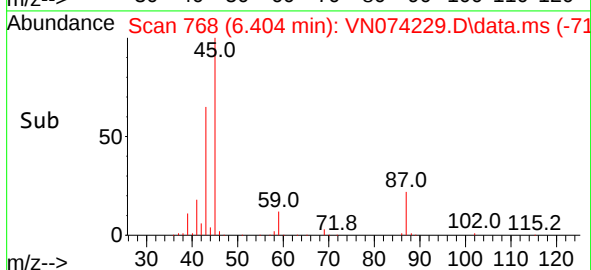
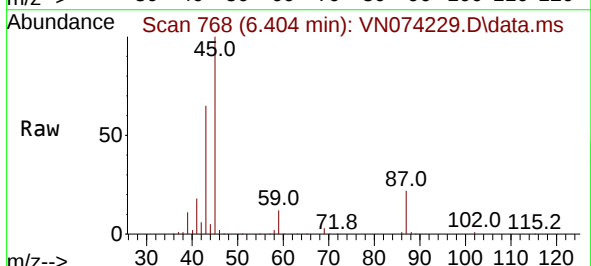
Reviewed By :John Carlone 09/02/2022

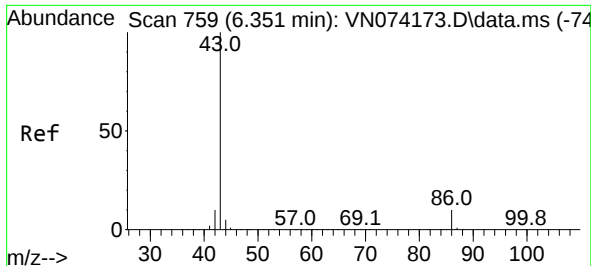
Supervised By :Mahesh Dadoda 09/02/2022



#22
Diisopropyl ether
Concen: 55.691 ug/l
RT: 6.404 min Scan# 768
Delta R.T. -0.012 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

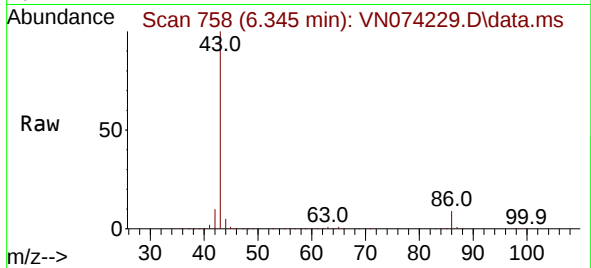
Tgt Ion: 45 Resp: 601951
Ion Ratio Lower Upper
45 100
43 62.8 46.6 70.0
87 21.4 24.3 36.5#
59 11.3 9.6 14.4





#23
 Vinyl Acetate
 Concen: 292.344 ug/l
 RT: 6.345 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VN074229.D
 Acq: 01 Sep 2022 09:14

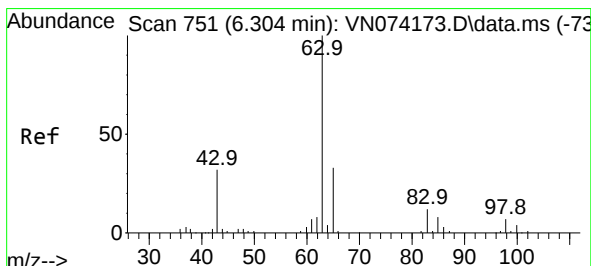
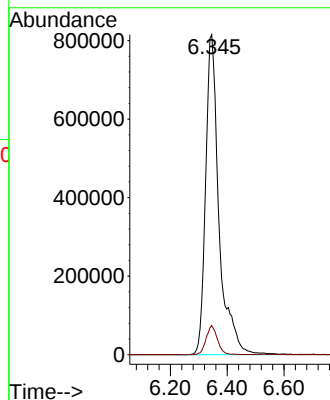
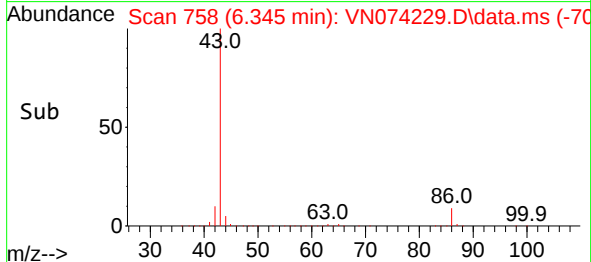
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



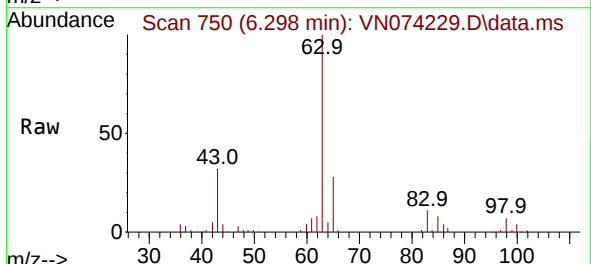
Tgt Ion: 43 Resp: 266790
 Ion Ratio Lower Upper
 43 100
 86 9.1 10.0 15.0

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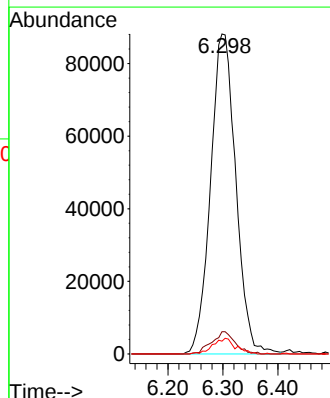
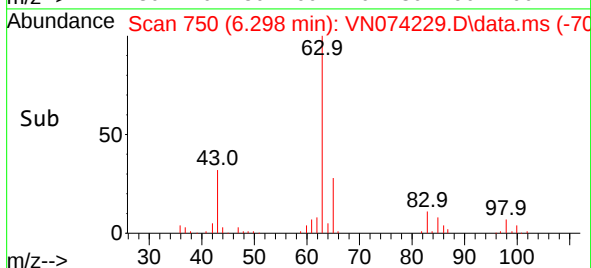
Reviewed By :John Carlone 09/02/2022
 Supervised By :Mahesh Dadoda 09/02/2022



#24
 1,1-Dichloroethane
 Concen: 52.802 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. -0.006 min
 Lab File: VN074229.D
 Acq: 01 Sep 2022 09:14



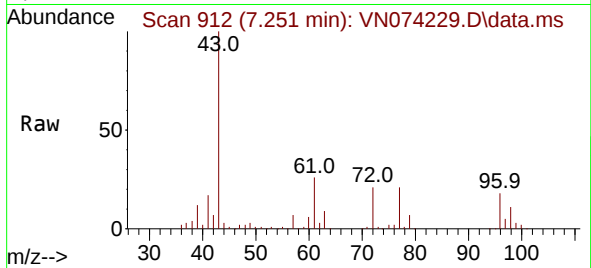
Tgt Ion: 63 Resp: 281557
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.0 2.3 6.8





#25
2-Butanone
Concen: 248.316 ug/l
RT: 7.251 min Scan# 912
Delta R.T. -0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

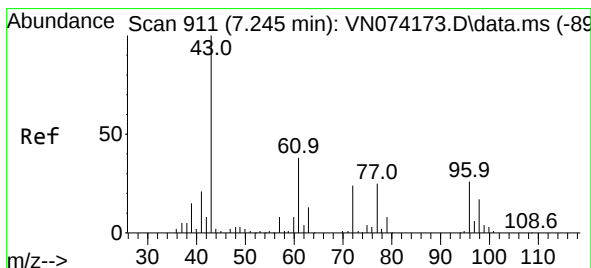
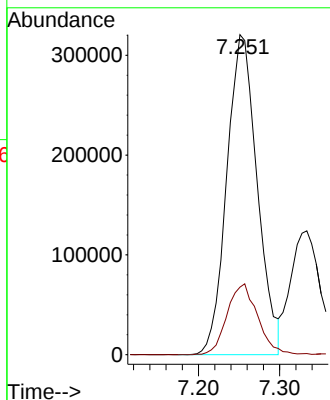
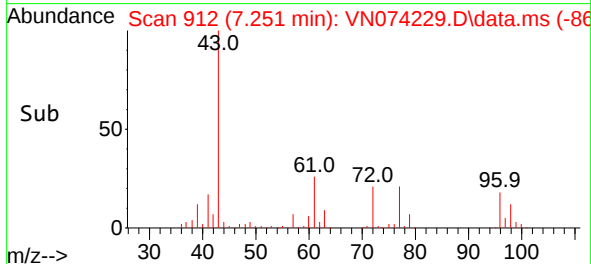
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 835497
Ion Ratio Lower Upper
43 100
72 21.1 23.7 35.5

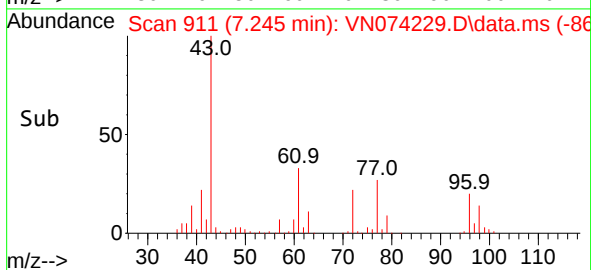
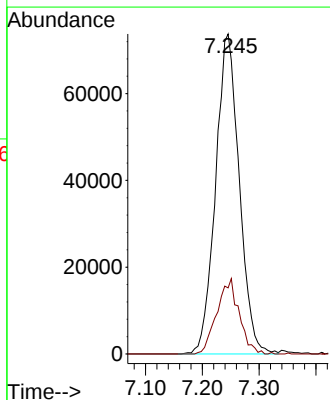
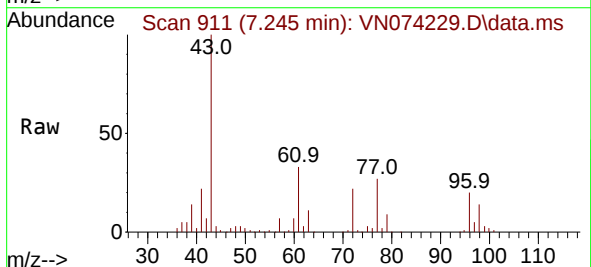
Manual Integrations
APPROVED

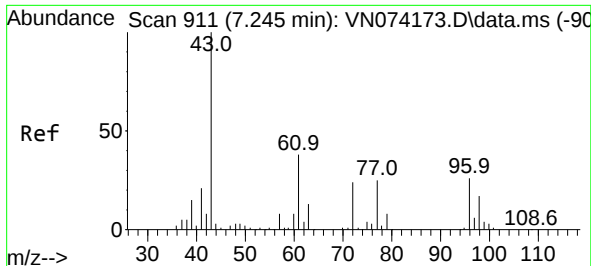
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#26
2,2-Dichloropropane
Concen: 62.036 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

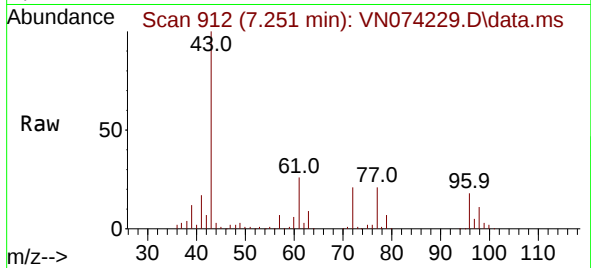
Tgt Ion: 77 Resp: 213536
Ion Ratio Lower Upper
77 100
97 22.1 11.4 34.2





#27
cis-1,2-Dichloroethene
Concen: 51.066 ug/l
RT: 7.251 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

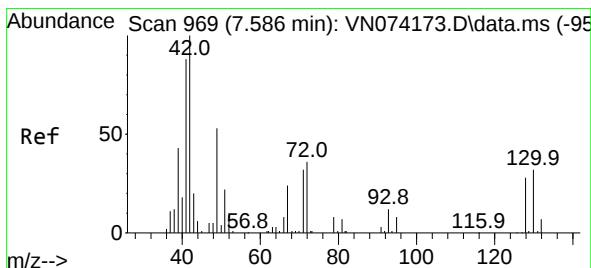
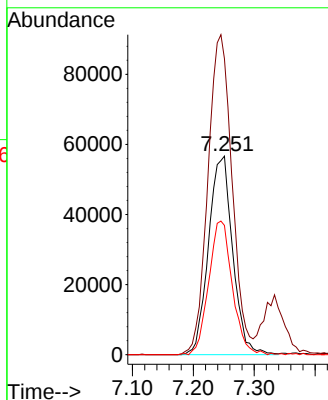
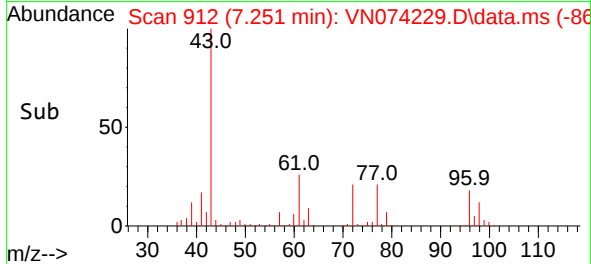
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 156610
Ion Ratio Lower Upper
96 100
61 161.2 0.0 280.6
98 65.5 0.0 128.4

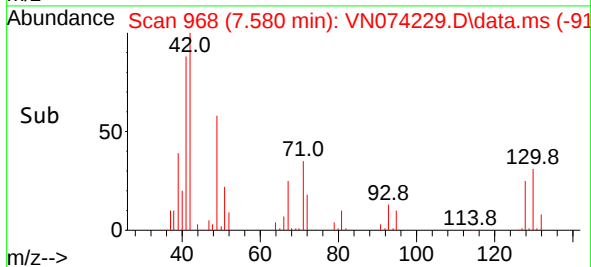
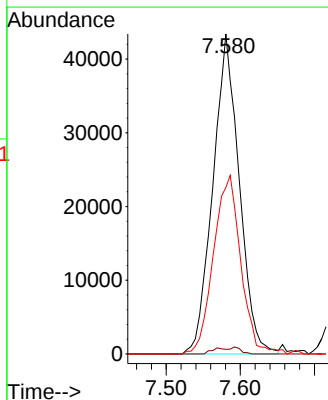
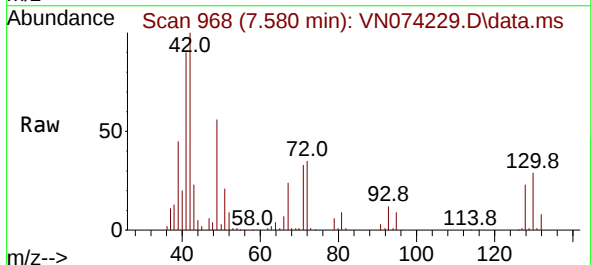
Manual Integrations
APPROVED

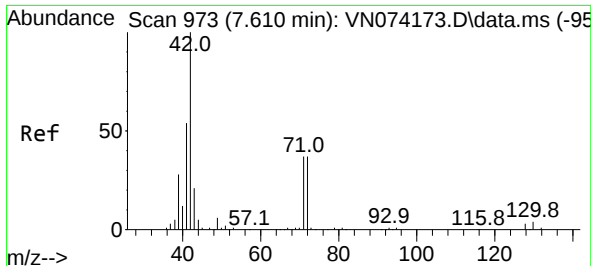
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#28
Bromochloromethane
Concen: 60.387 ug/l
RT: 7.580 min Scan# 968
Delta R.T. -0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

Tgt Ion: 49 Resp: 106904
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.6
130 57.9 69.7 104.5#





#29

Tetrahydrofuran

Concen: 265.456 ug/l

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074229.D

Acq: 01 Sep 2022 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 568820

Ion Ratio Lower Upper

42 100

72 37.0 39.7 59.5

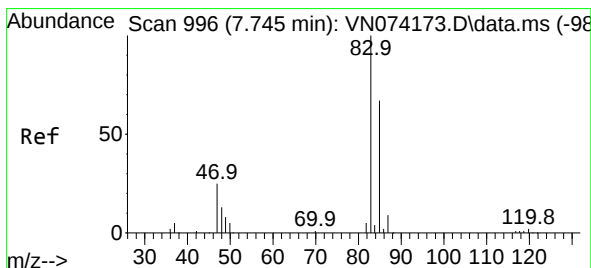
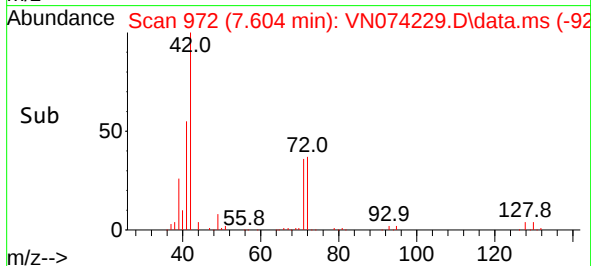
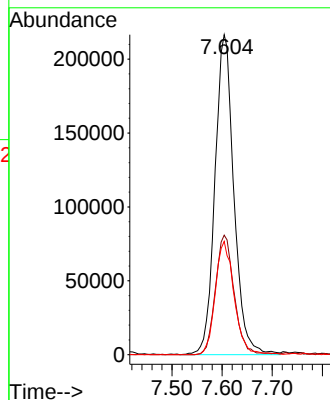
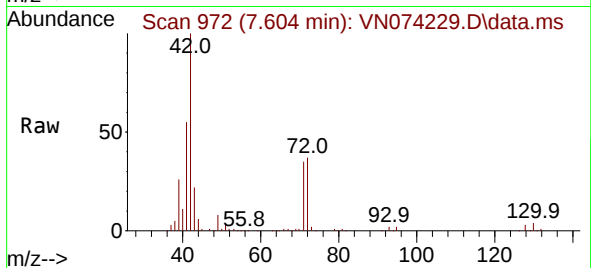
71 35.2 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#30

Chloroform

Concen: 51.021 ug/l

RT: 7.739 min Scan# 995

Delta R.T. -0.006 min

Lab File: VN074229.D

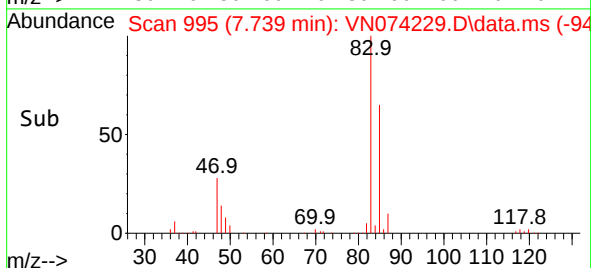
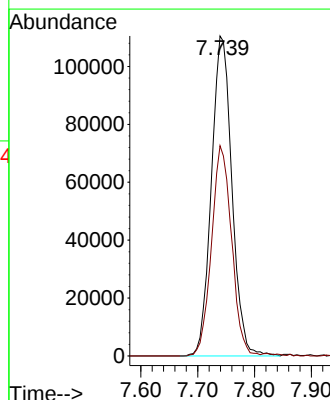
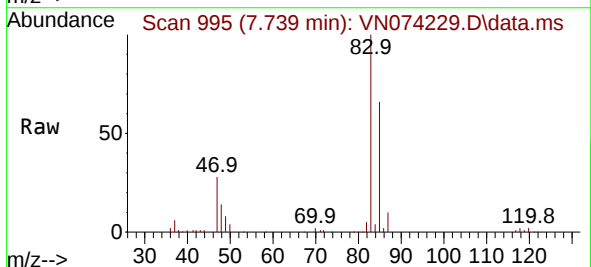
Acq: 01 Sep 2022 09:14

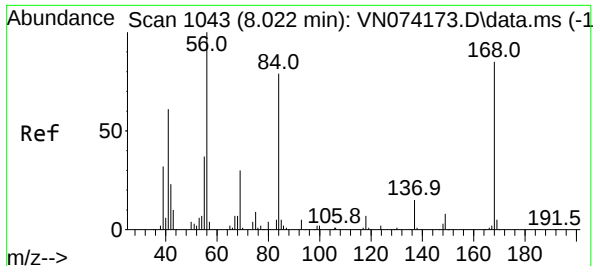
Tgt Ion: 83 Resp: 277337

Ion Ratio Lower Upper

83 100

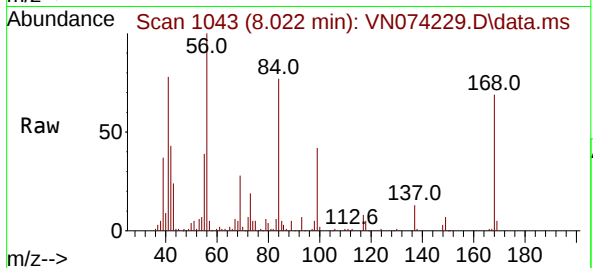
85 65.7 51.8 77.8





#31
Cyclohexane
Concen: 54.288 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

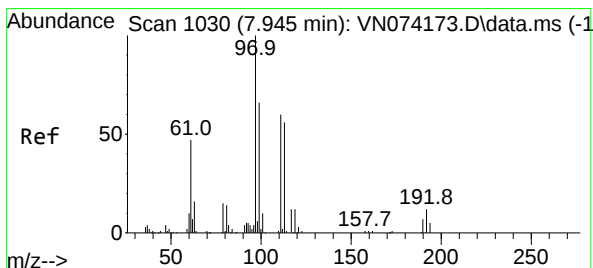
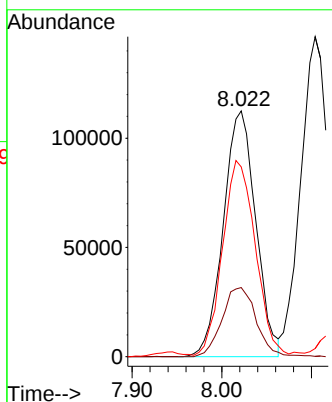
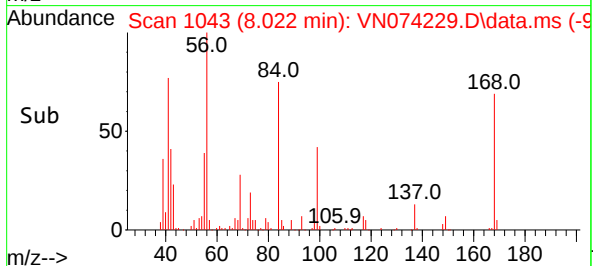
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



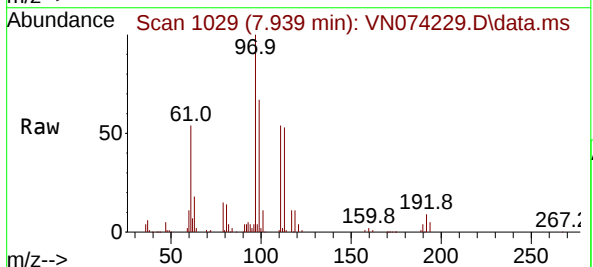
Tgt Ion: 56 Resp: 282330
Ion Ratio Lower Upper
56 100
69 28.1 27.8 41.8
84 76.0 76.9 115.3

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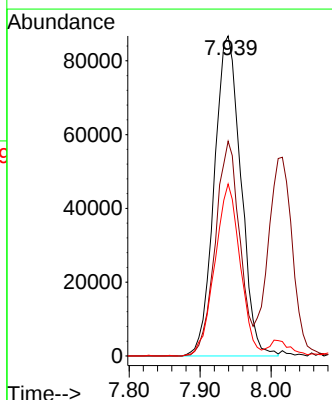
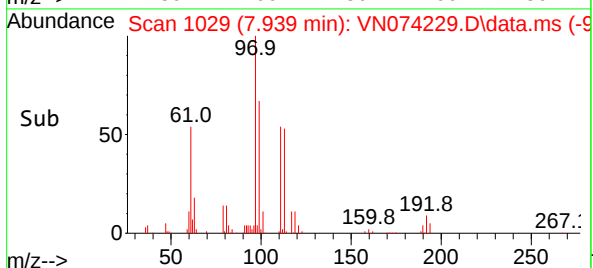
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

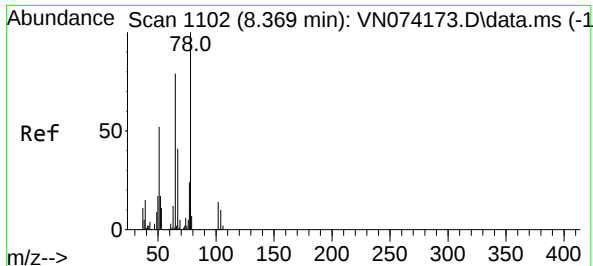


#32
1,1,1-Trichloroethane
Concen: 53.925 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14



Tgt Ion: 97 Resp: 225430
Ion Ratio Lower Upper
97 100
99 61.8 50.6 76.0
61 51.1 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 53.296 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074229.D

Acq: 01 Sep 2022 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 167750

Ion Ratio Lower Upper

65 100

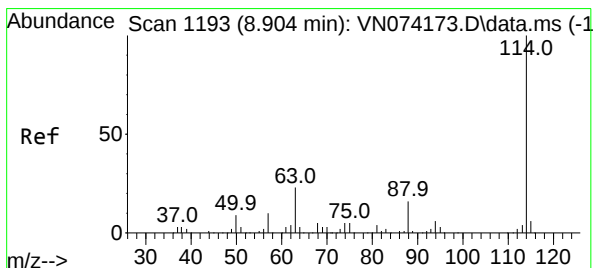
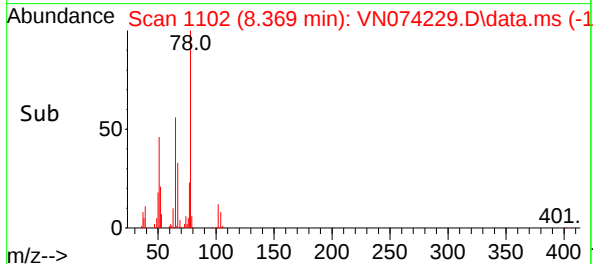
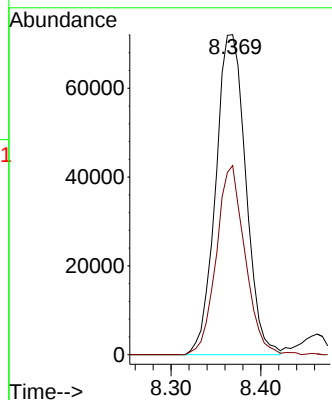
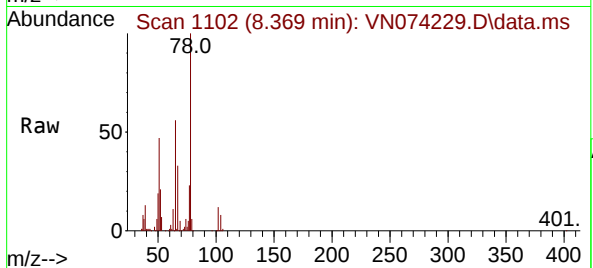
67 56.4 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

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: VN074229.D

Acq: 01 Sep 2022 09:14

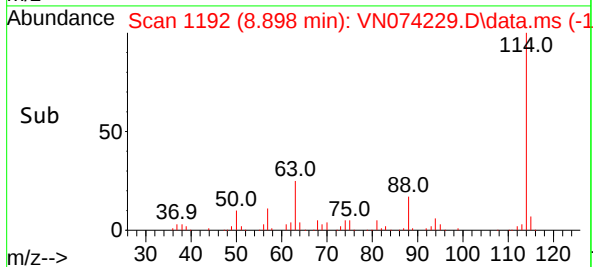
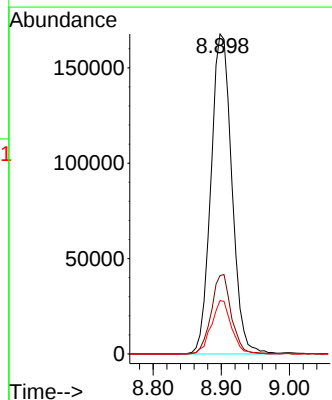
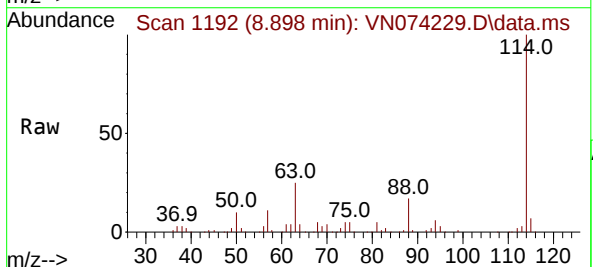
Tgt Ion:114 Resp: 358344

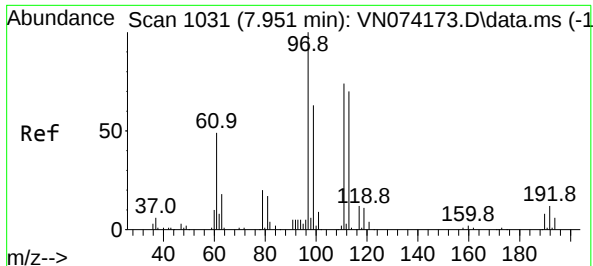
Ion Ratio Lower Upper

114 100

63 24.5 0.0 40.0

88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.672 ug/l

RT: 7.945 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VN074229.D

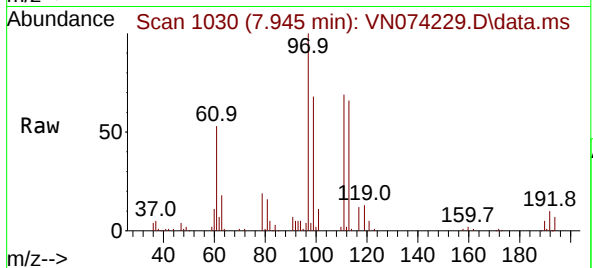
Acq: 01 Sep 2022 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



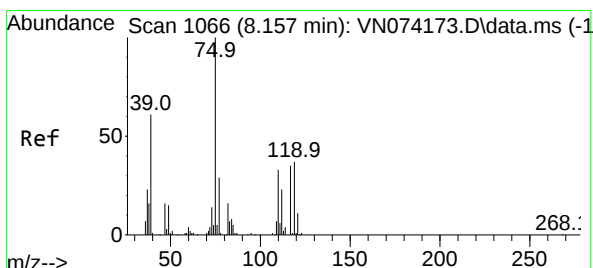
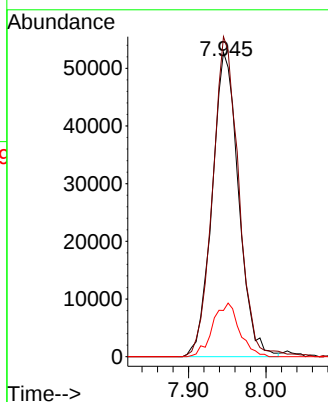
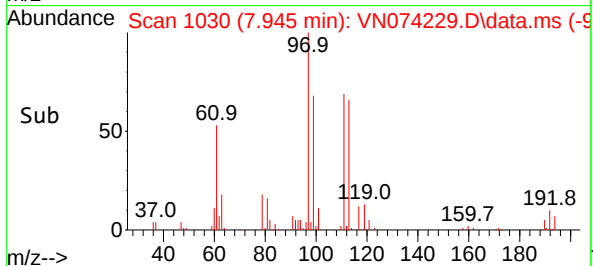
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.4	122.0
192	17.8	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#36

1,1-Dichloropropene

Concen: 55.825 ug/l

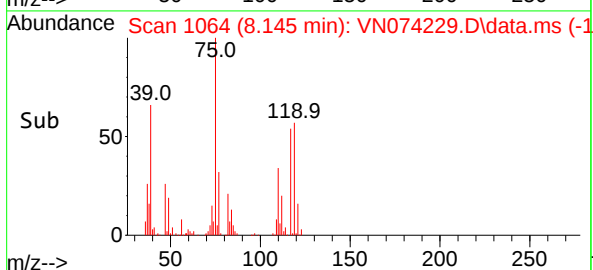
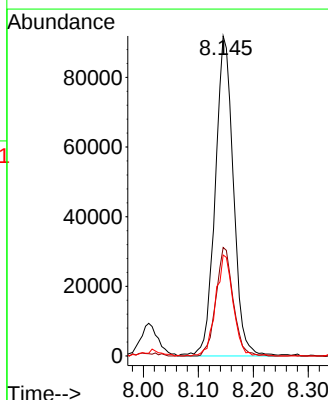
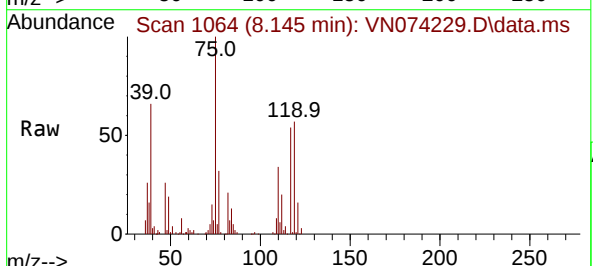
RT: 8.145 min Scan# 1064

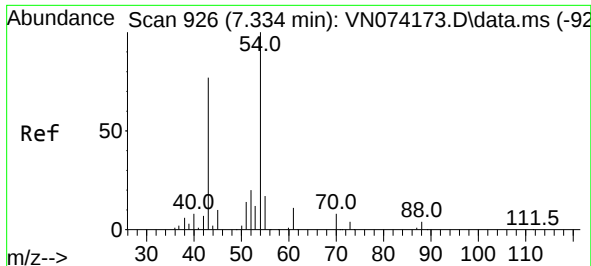
Delta R.T. -0.012 min

Lab File: VN074229.D

Acq: 01 Sep 2022 09:14

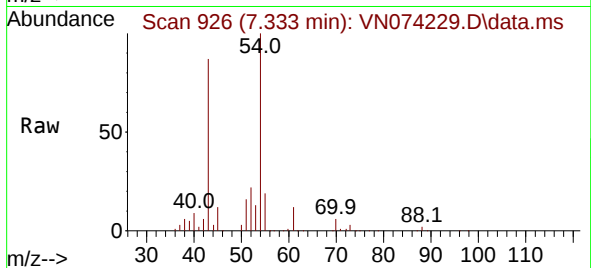
Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.1	18.3	54.8
77	30.3	25.1	37.7





#37
Ethyl Acetate
Concen: 52.371 ug/l
RT: 7.333 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

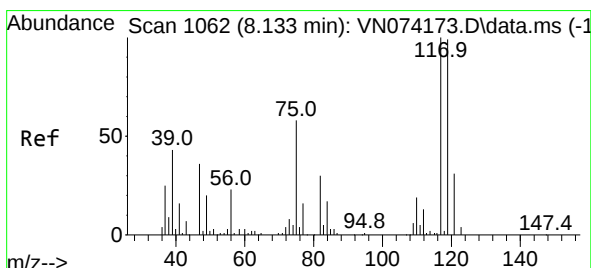
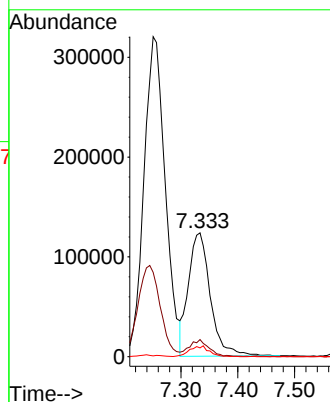
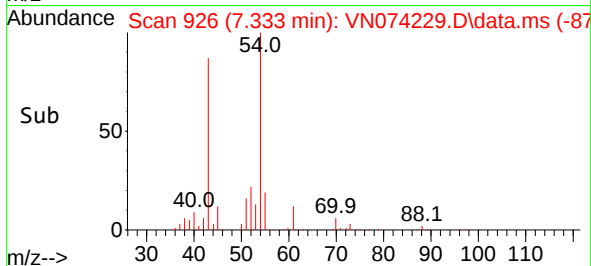
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 33136
Ion Ratio Lower Upper
43 100
61 12.4 11.8 17.6
70 7.8 9.3 13.9

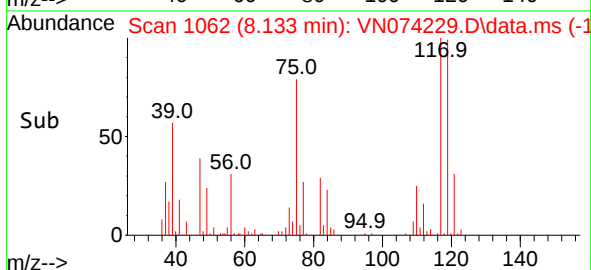
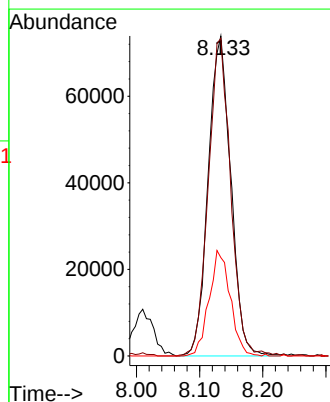
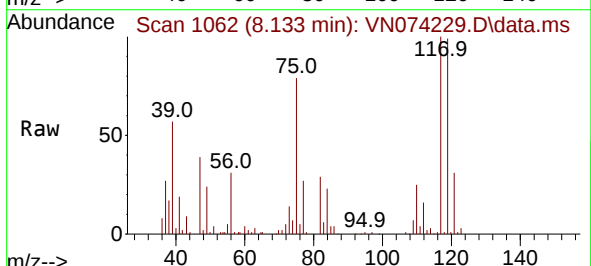
Manual Integrations
APPROVED

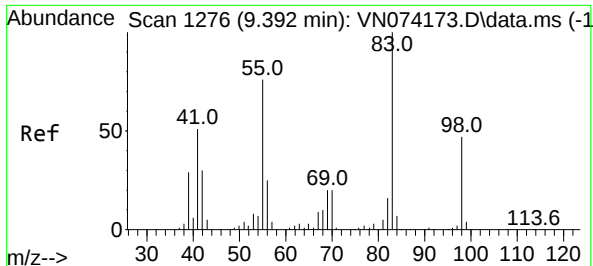
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#38
Carbon Tetrachloride
Concen: 53.431 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

Tgt Ion:117 Resp: 184121
Ion Ratio Lower Upper
117 100
119 98.9 75.8 113.8
121 30.7 24.6 37.0





#39

Methylcyclohexane

Concen: 58.280 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VN074229.D

Acq: 01 Sep 2022 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 25884

Ion Ratio Lower Upper

83 100

55 81.7 57.8 86.8

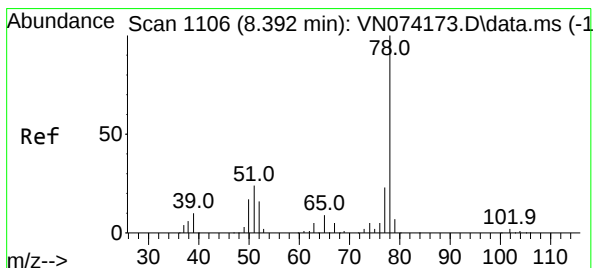
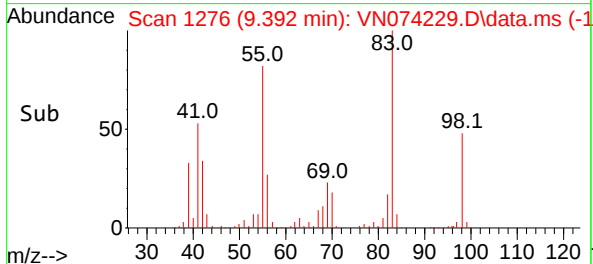
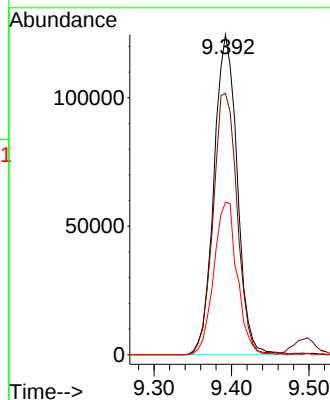
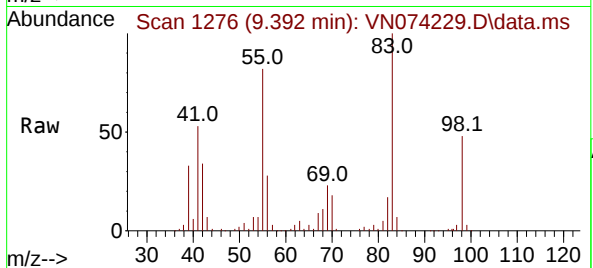
98 47.6 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#40

Benzene

Concen: 55.008 ug/l

RT: 8.386 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN074229.D

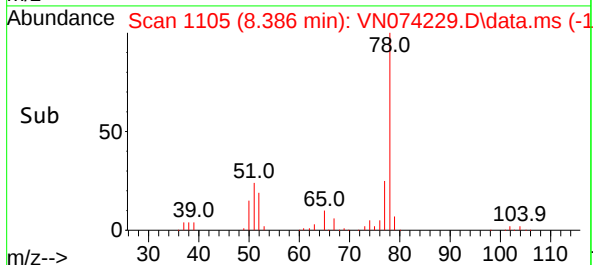
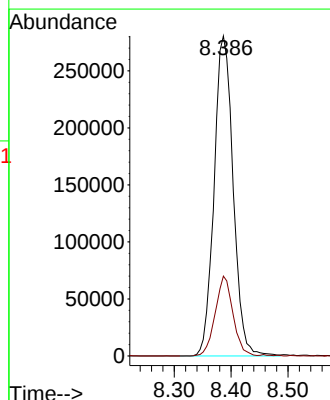
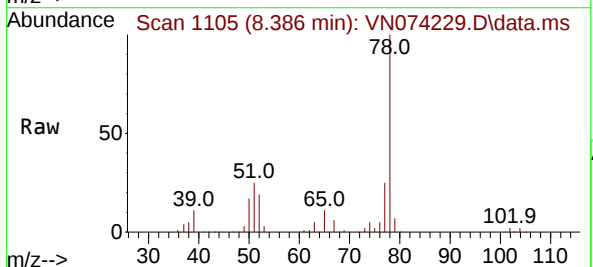
Acq: 01 Sep 2022 09:14

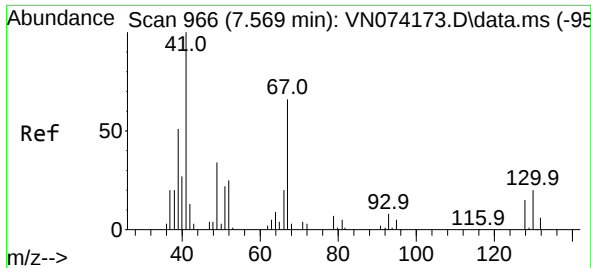
Tgt Ion: 78 Resp: 653473

Ion Ratio Lower Upper

78 100

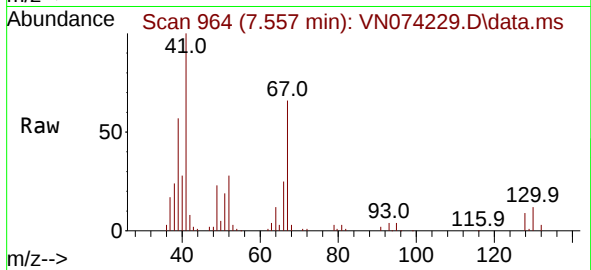
77 24.9 19.4 29.0





#41
Methacrylonitrile
Concen: 48.622 ug/l
RT: 7.557 min Scan# 964
Delta R.T. -0.012 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

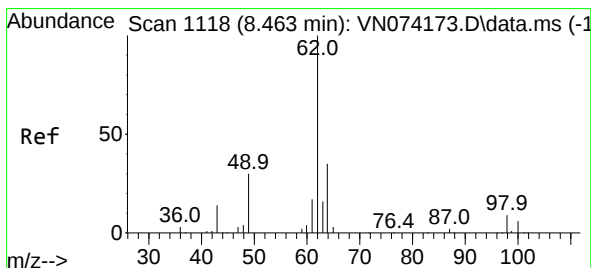
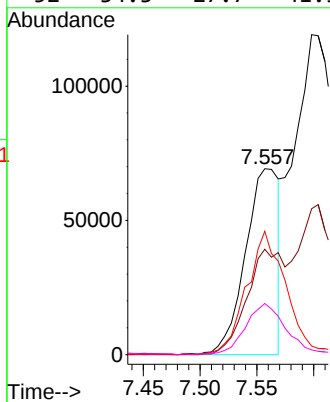
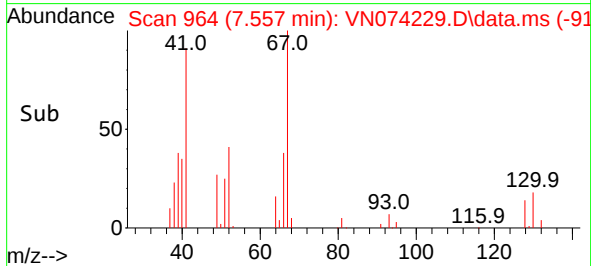
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 142009
Ion Ratio Lower Upper
41 100
39 61.6 48.6 73.0
67 78.4 73.4 110.2
52 34.3 27.7 41.5

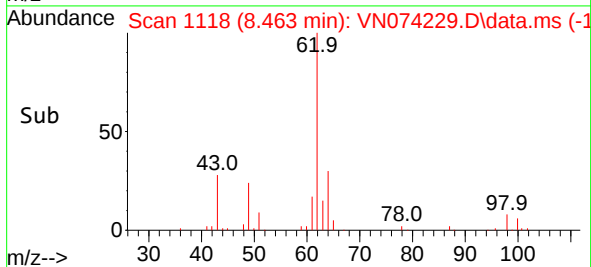
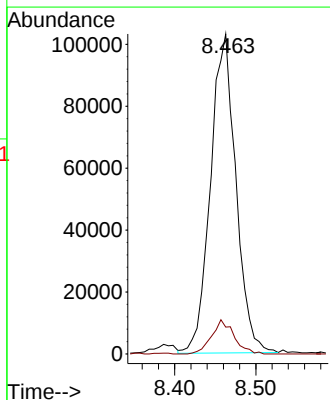
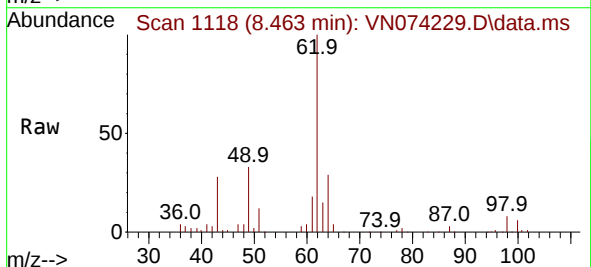
Manual Integrations
APPROVED

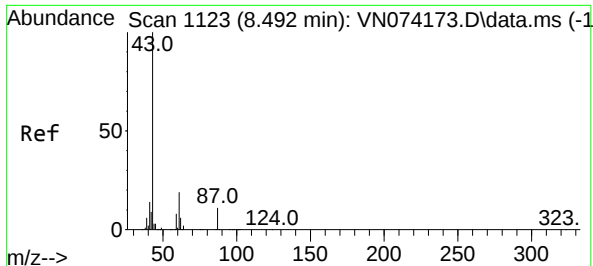
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#42
1,2-Dichloroethane
Concen: 52.991 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

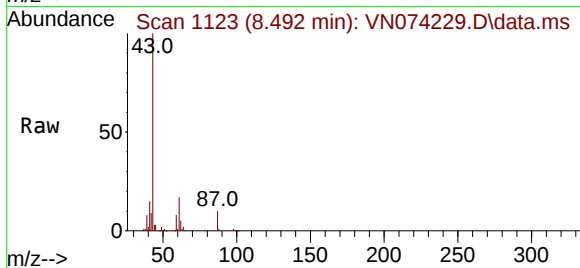
Tgt Ion: 62 Resp: 224025
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.4





#43
Isopropyl Acetate
Concen: 56.208 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

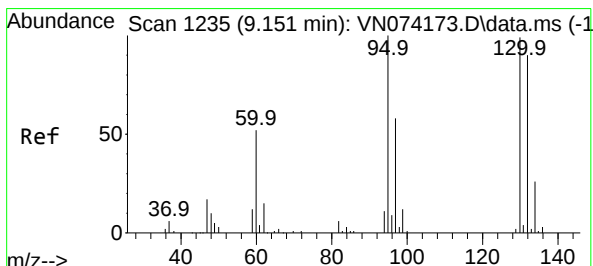
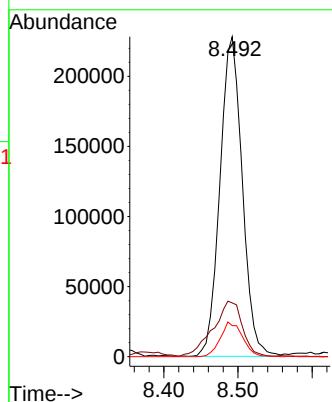
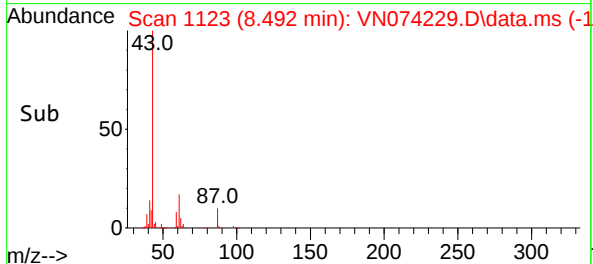
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



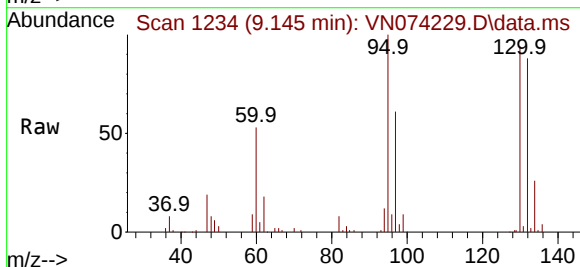
Tgt Ion: 43 Resp: 478100
Ion Ratio Lower Upper
43 100
61 22.5 21.9 32.9
87 10.8 12.0 18.0

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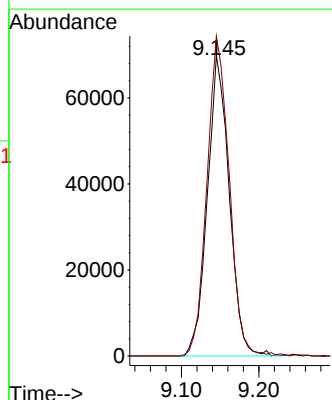
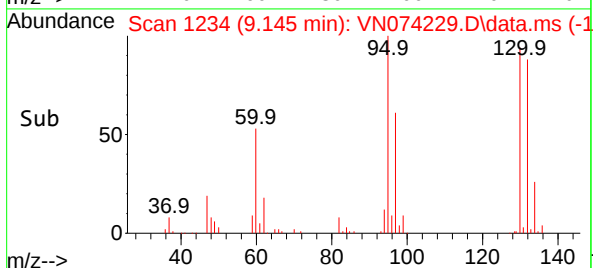
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

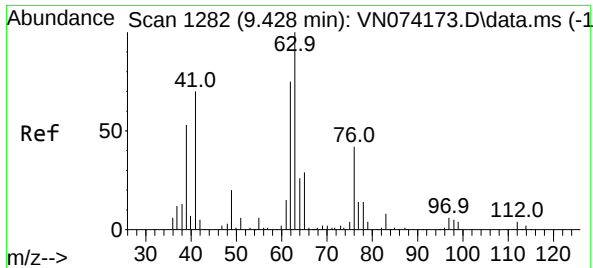


#44
Trichloroethene
Concen: 51.646 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. -0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14



Tgt Ion:130 Resp: 137100
Ion Ratio Lower Upper
130 100
95 106.5 0.0 186.8





#45

1,2-Dichloropropane

Concen: 55.370 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VN074229.D

Acq: 01 Sep 2022 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 17759

Ion Ratio Lower Upper

63 100

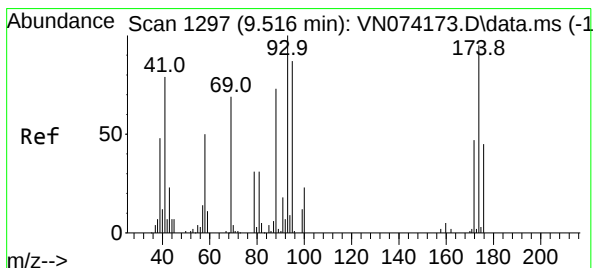
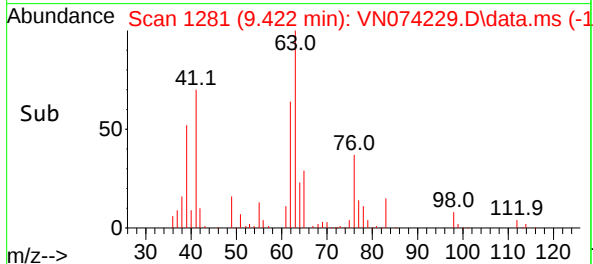
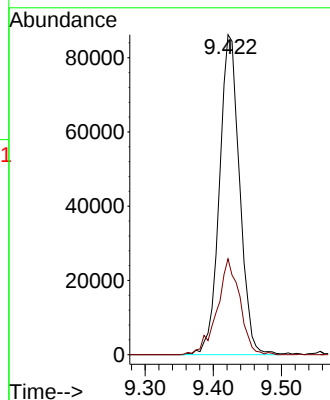
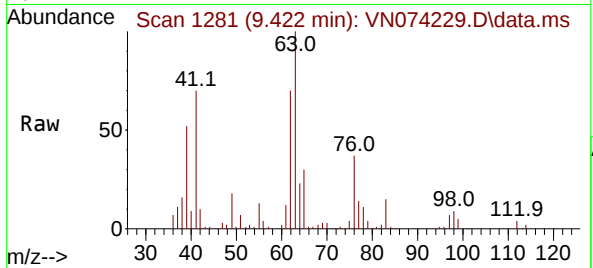
65 29.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#46

Dibromomethane

Concen: 51.794 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN074229.D

Acq: 01 Sep 2022 09:14

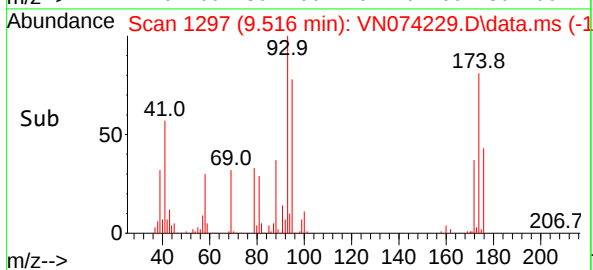
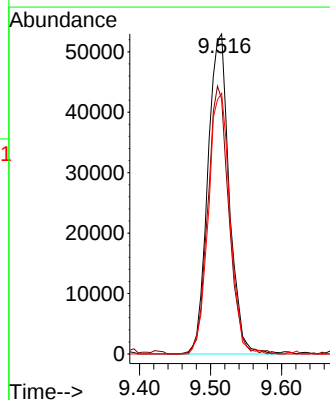
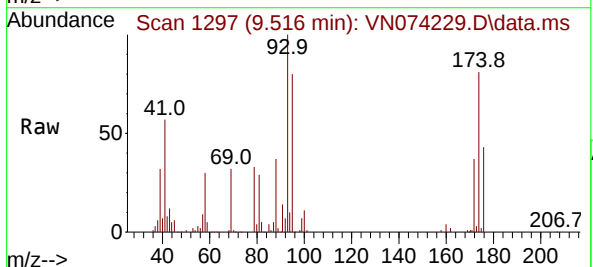
Tgt Ion: 93 Resp: 110951

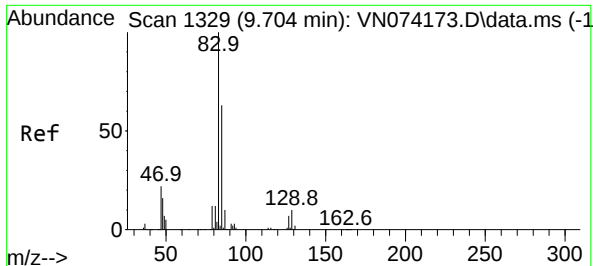
Ion Ratio Lower Upper

93 100

95 82.6 66.9 100.3

174 82.1 86.6 130.0#





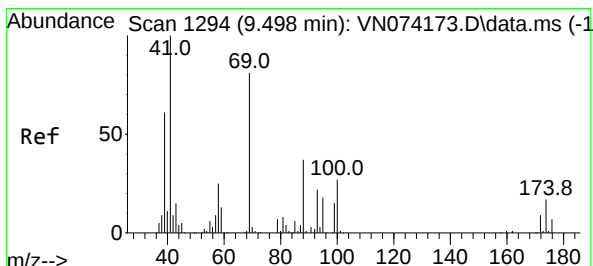
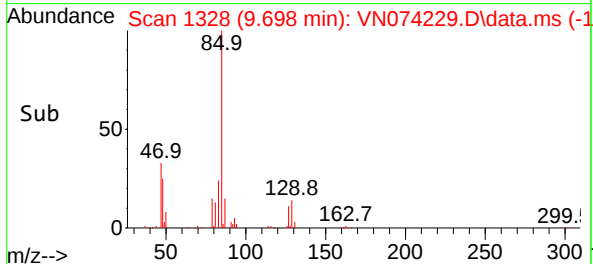
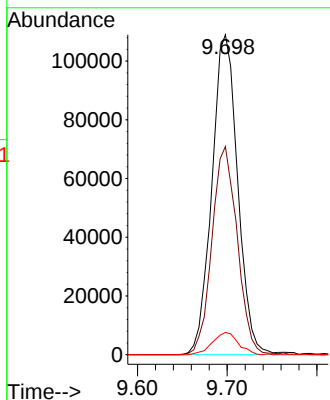
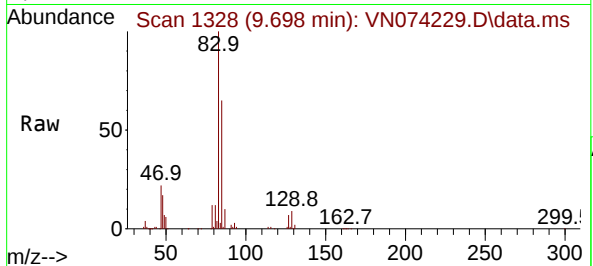
#47
Bromodichloromethane
Concen: 51.817 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. -0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 21752
Ion Ratio Lower Upper
83 100
85 65.1 50.5 75.7
127 7.0 6.8 10.2

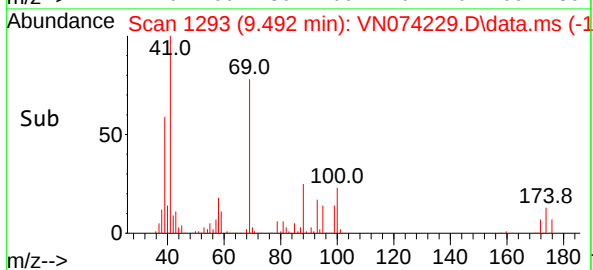
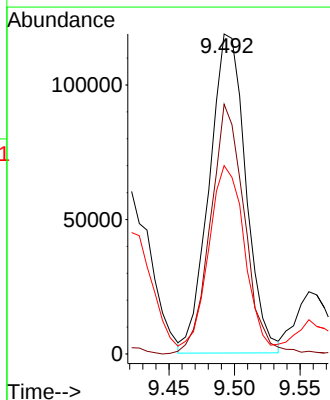
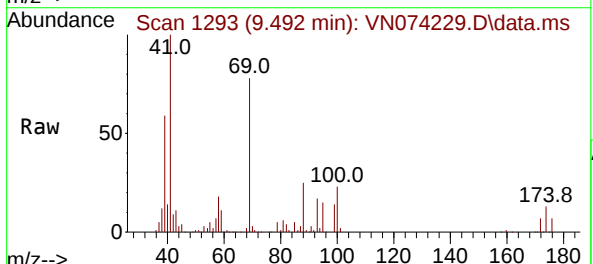
Manual Integrations
APPROVED

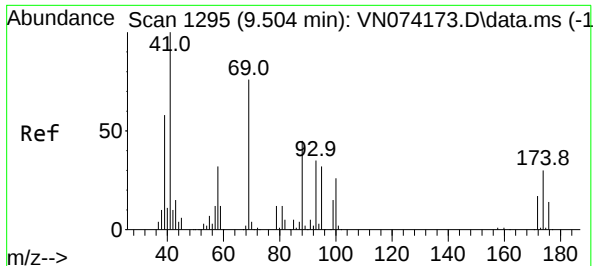
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#48
Methyl methacrylate
Concen: 56.960 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

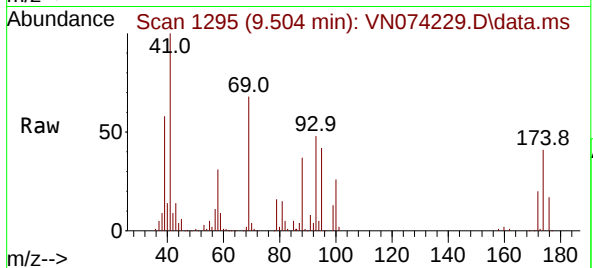
Tgt Ion: 41 Resp: 230144
Ion Ratio Lower Upper
41 100
69 72.9 74.7 112.1#
39 54.7 45.6 68.4





#49
1,4-Dioxane
Concen: 857.154 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

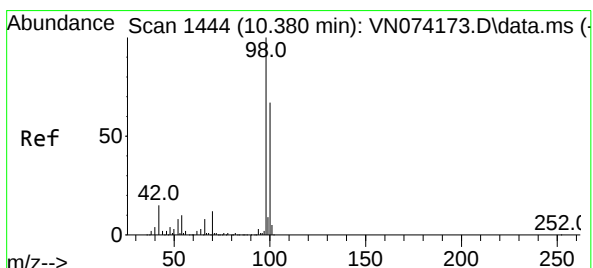
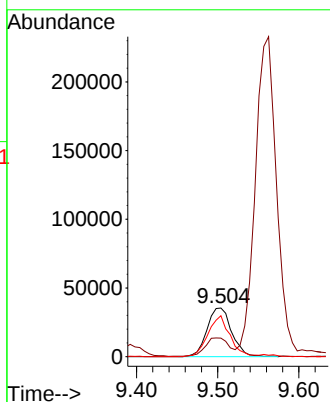
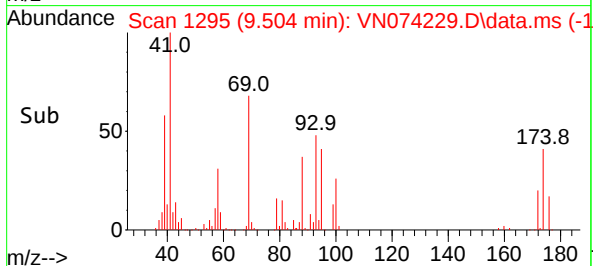
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



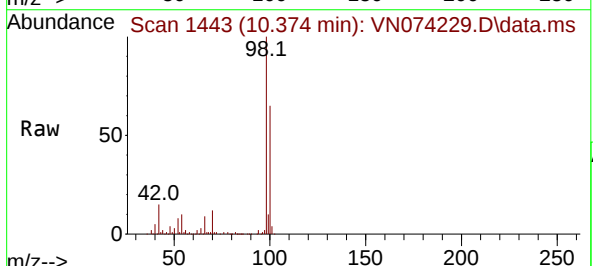
Tgt Ion: 88 Resp: 74718
Ion Ratio Lower Upper
88 100
43 36.2 20.2 30.4
58 75.4 54.2 81.4

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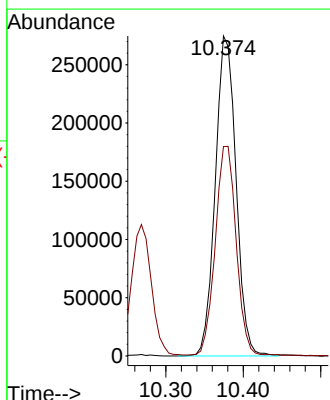
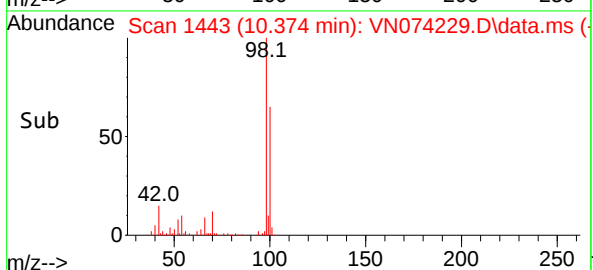
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

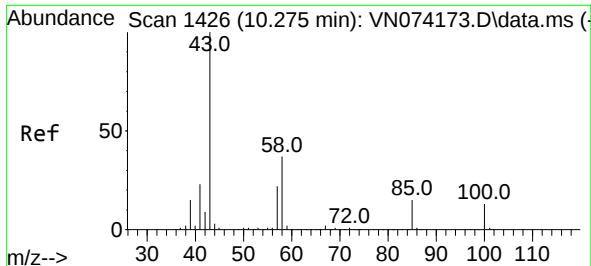


#50
Toluene-d8
Concen: 55.662 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14



Tgt Ion: 98 Resp: 511140
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8





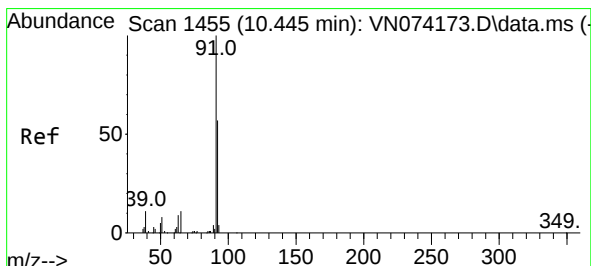
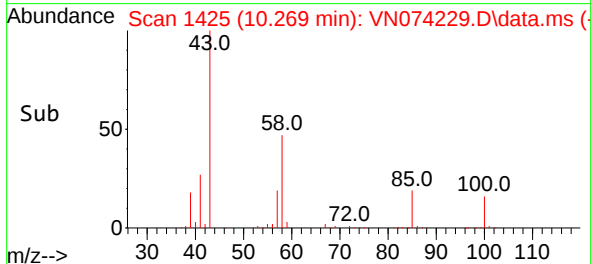
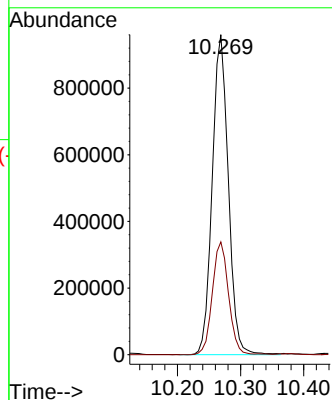
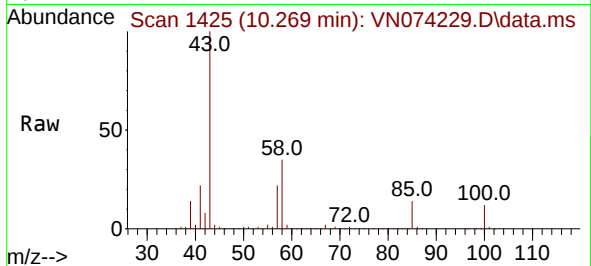
#51
4-Methyl-2-Pentanone
Concen: 274.238 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 169293
Ion Ratio Lower Upper
43 100
58 35.7 34.1 51.1

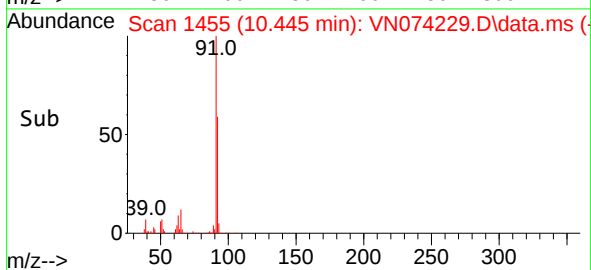
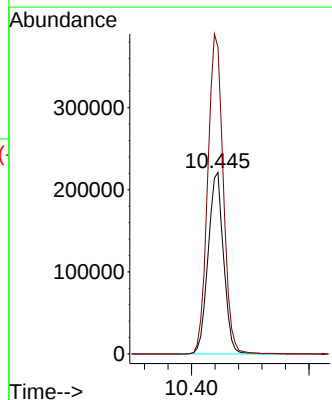
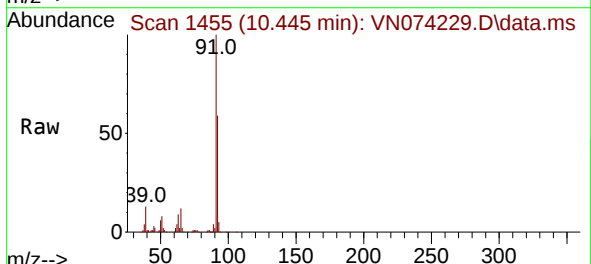
Manual Integrations
APPROVED

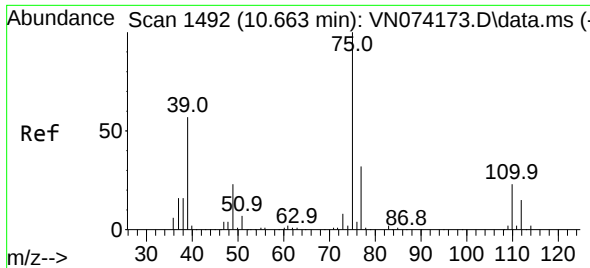
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#52
Toluene
Concen: 57.526 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

Tgt Ion: 92 Resp: 402807
Ion Ratio Lower Upper
92 100
91 176.9 138.6 207.8





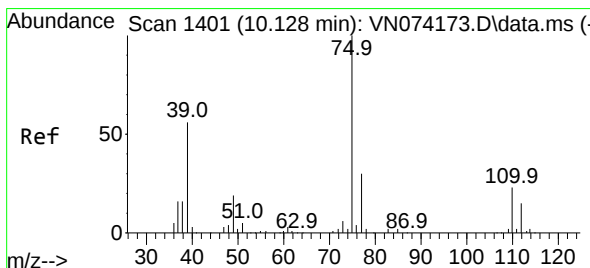
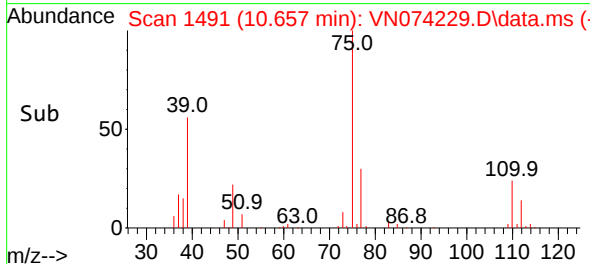
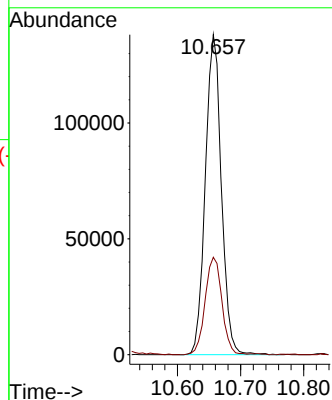
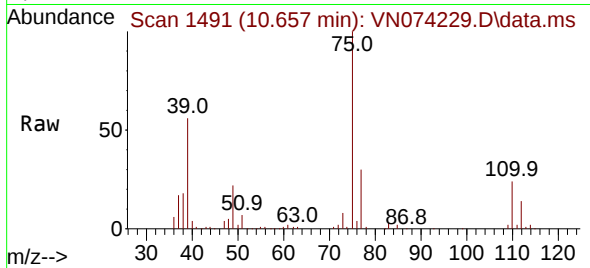
#53
t-1,3-Dichloropropene
Concen: 60.993 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 242760
Ion Ratio Lower Upper
75 100
77 30.5 25.6 38.4

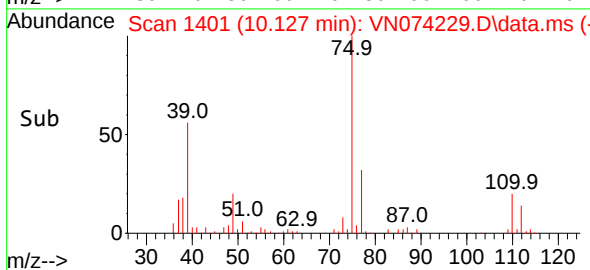
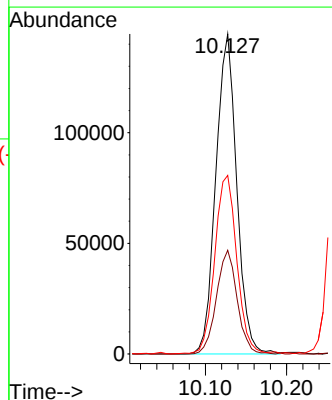
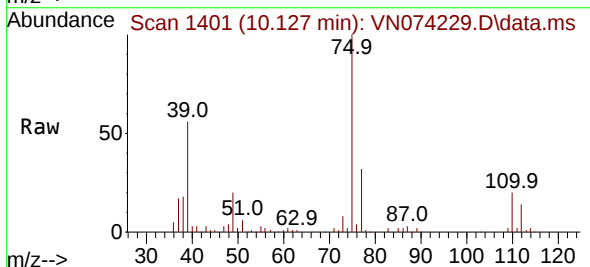
Manual Integrations
APPROVED

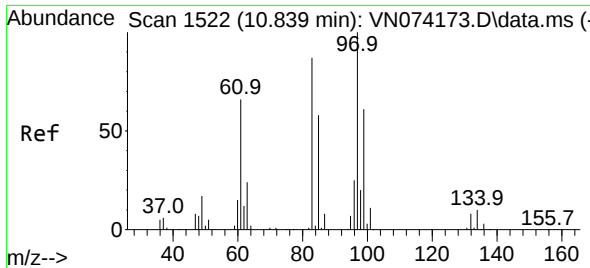
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#54
cis-1,3-Dichloropropene
Concen: 58.144 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. -0.000 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

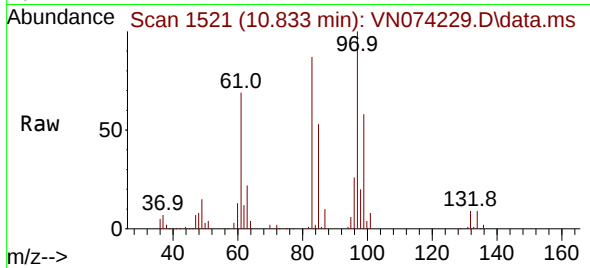
Tgt Ion: 75 Resp: 259095
Ion Ratio Lower Upper
75 100
77 32.4 25.2 37.8
39 55.7 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 54.270 ug/l
RT: 10.833 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

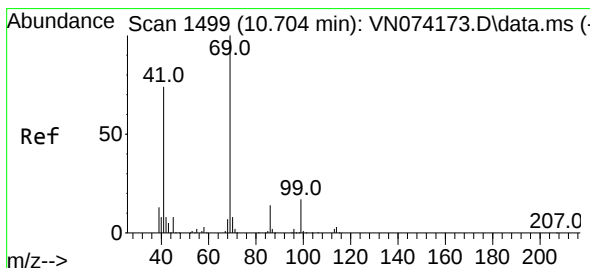
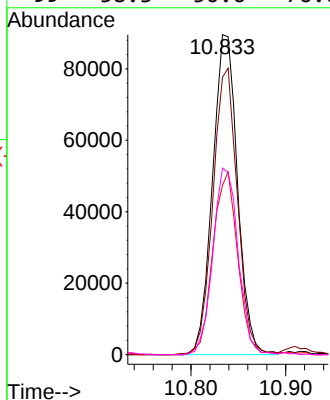
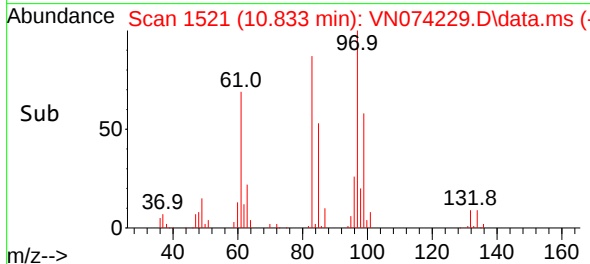
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



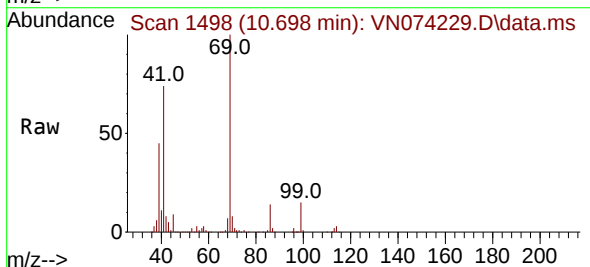
Tgt Ion: 97 Resp: 164374
Ion Ratio Lower Upper
97 100
83 86.5 66.2 99.4
85 52.9 43.9 65.9
99 58.3 50.6 76.0

Manual Integrations
APPROVED

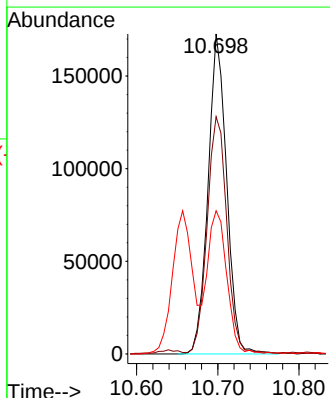
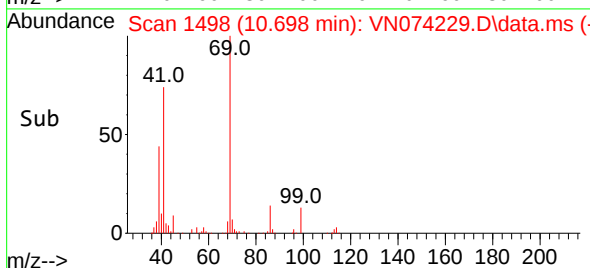
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

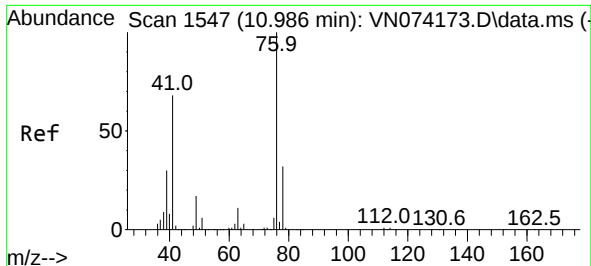


#56
Ethyl methacrylate
Concen: 59.890 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. -0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14



Tgt Ion: 69 Resp: 274947
Ion Ratio Lower Upper
69 100
41 78.2 47.8 71.6#
39 47.9 27.3 40.9#





#57

1,3-Dichloropropane

Concen: 54.640 ug/l

RT: 10.980 min Scan# 1547

Delta R.T. -0.006 min

Lab File: VN074229.D

Acq: 01 Sep 2022 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 28761

Ion Ratio Lower Upper

76 100

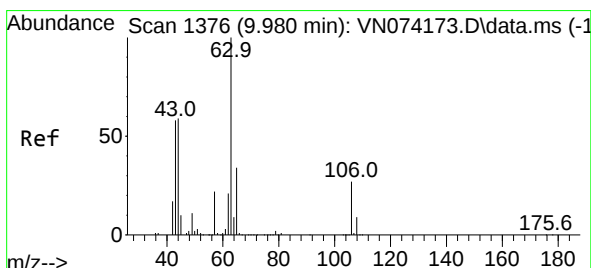
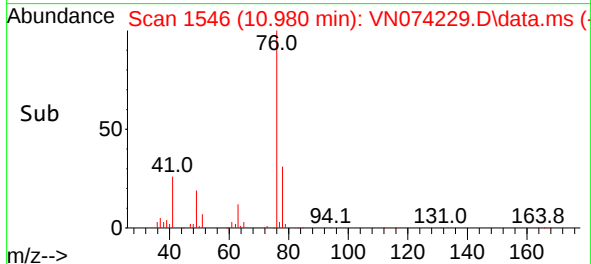
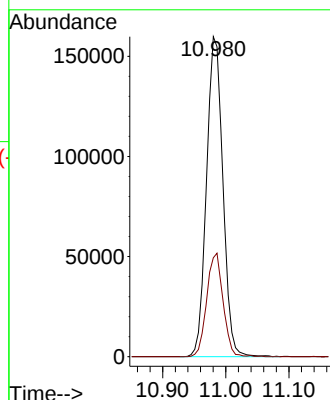
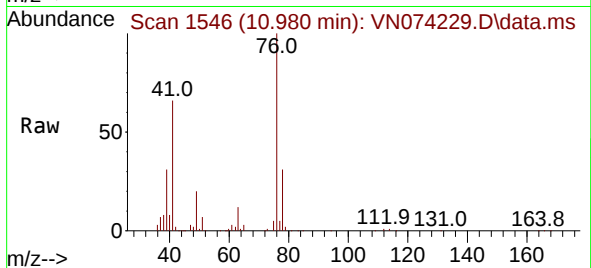
78 32.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#58

2-Chloroethyl Vinyl ether

Concen: 276.351 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VN074229.D

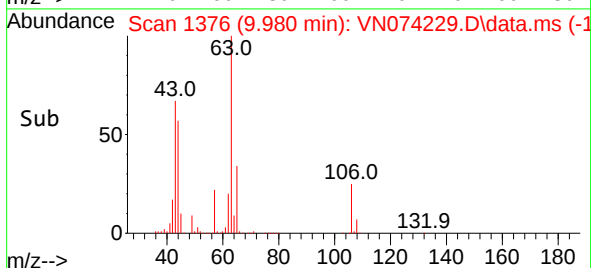
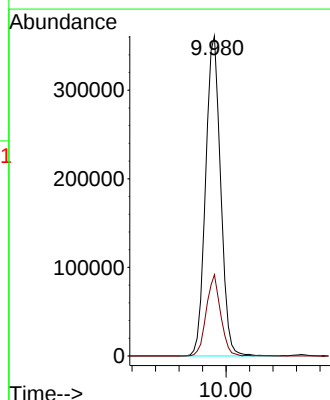
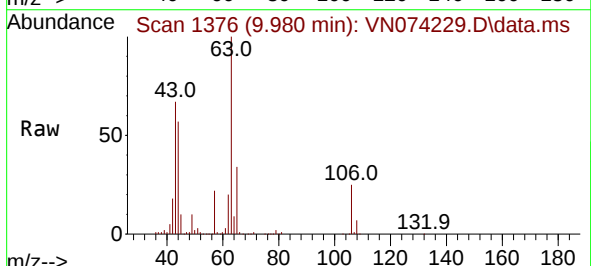
Acq: 01 Sep 2022 09:14

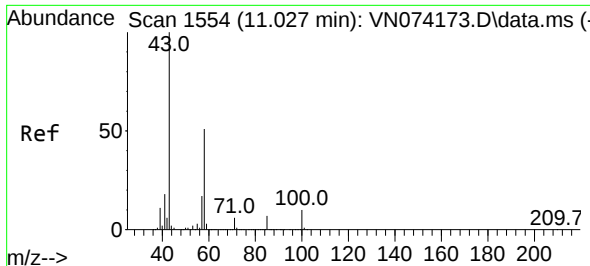
Tgt Ion: 63 Resp: 641787

Ion Ratio Lower Upper

63 100

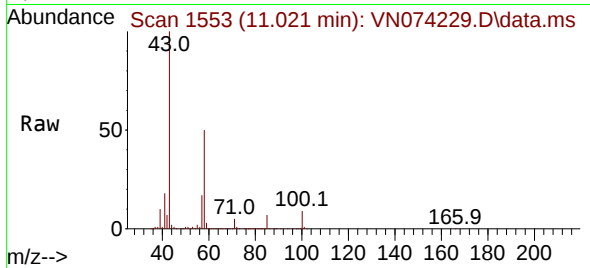
106 24.3 24.6 36.8





#59
2-Hexanone
Concen: 275.107 ug/l
RT: 11.021 min Scan# 1553
Delta R.T. -0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

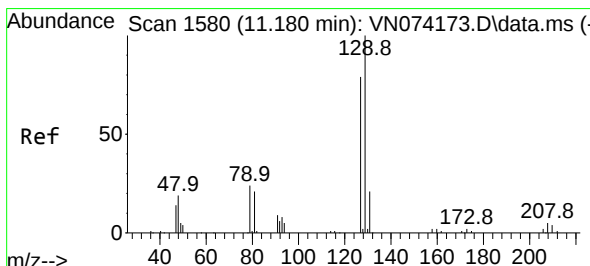
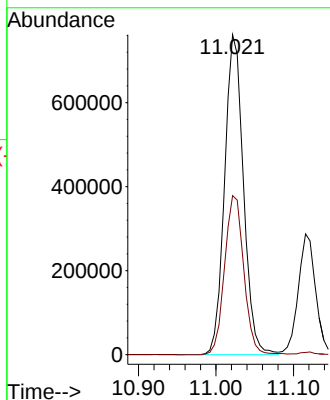
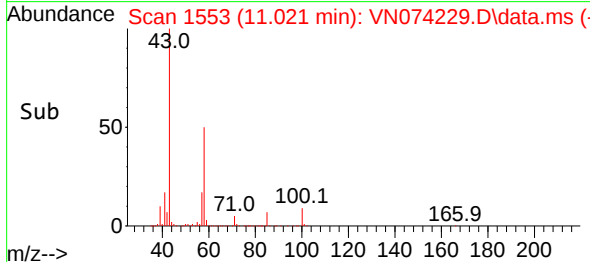
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



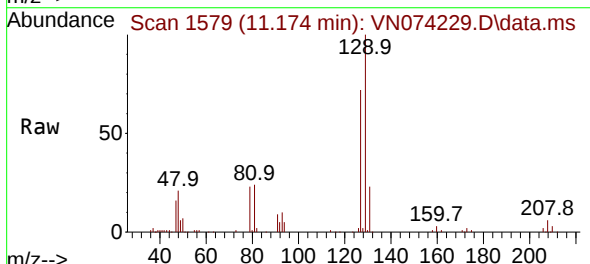
Tgt Ion: 43 Resp: 128881
Ion Ratio Lower Upper
43 100
58 50.7 29.7 89.1

Manual Integrations
APPROVED

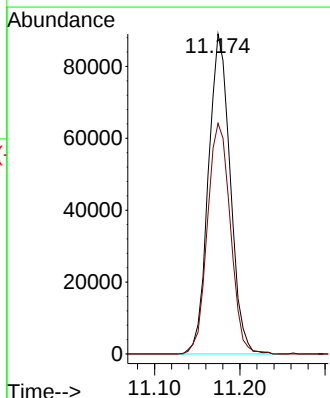
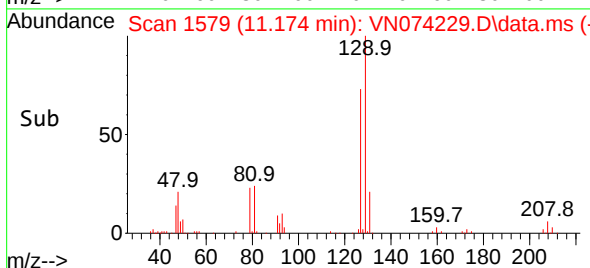
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

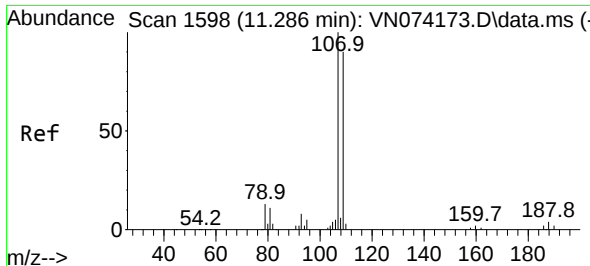


#60
Dibromochloromethane
Concen: 55.824 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. -0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14



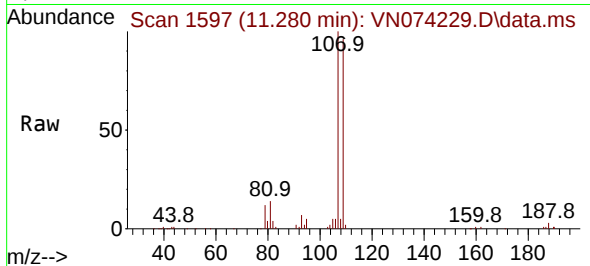
Tgt Ion:129 Resp: 158370
Ion Ratio Lower Upper
129 100
127 75.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 55.632 ug/l
RT: 11.280 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

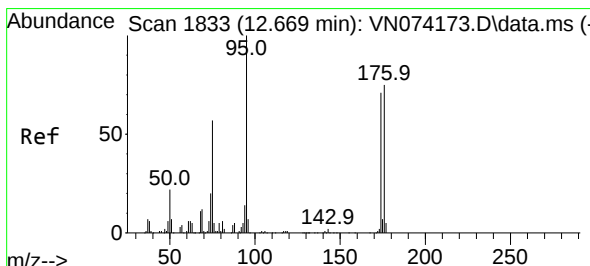
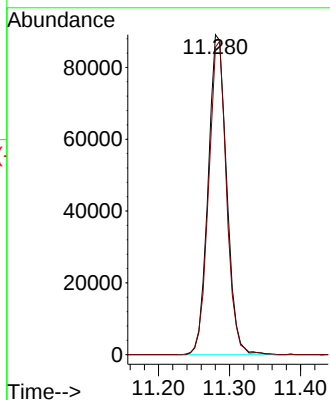
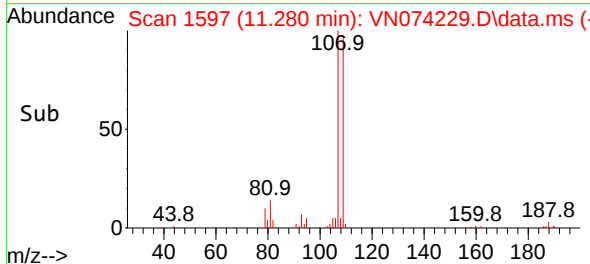
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 161008
Ion Ratio Lower Upper
107 100
109 94.9 75.0 112.6

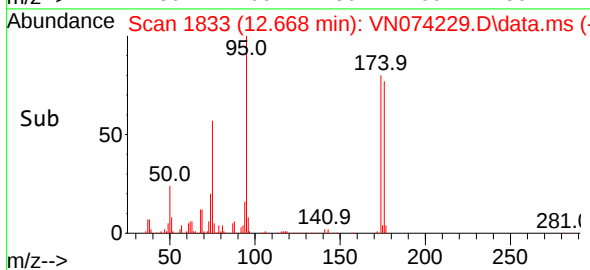
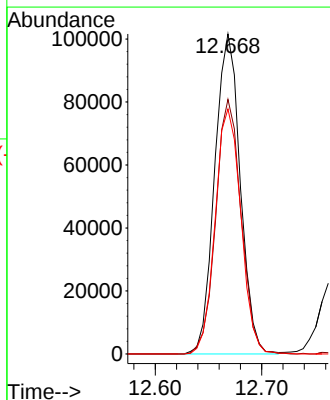
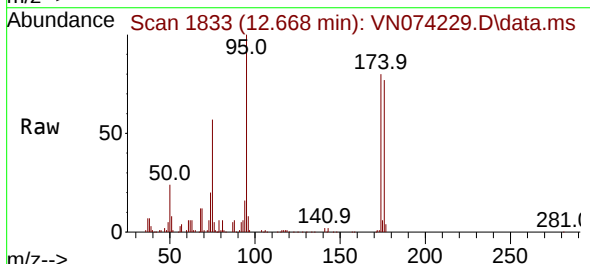
Manual Integrations
APPROVED

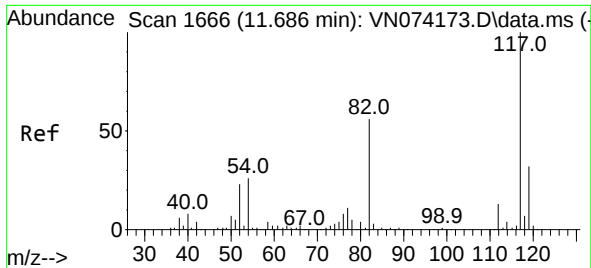
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#62
4-Bromofluorobenzene
Concen: 60.426 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

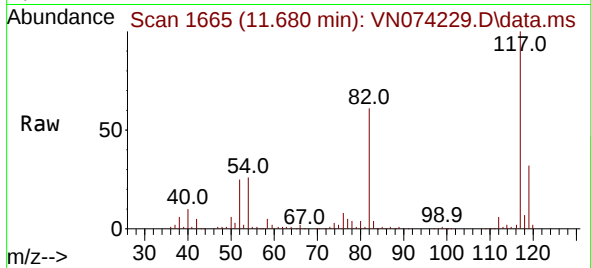
Tgt Ion: 95 Resp: 168746
Ion Ratio Lower Upper
95 100
174 79.1 0.0 167.6
176 77.2 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

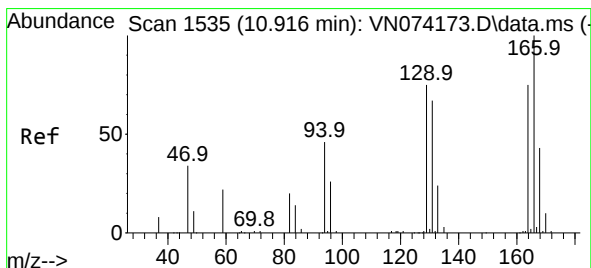
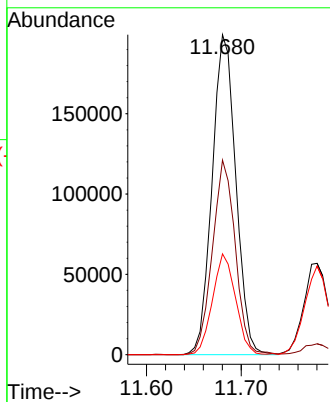
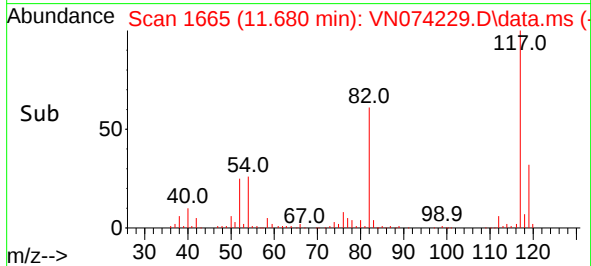
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



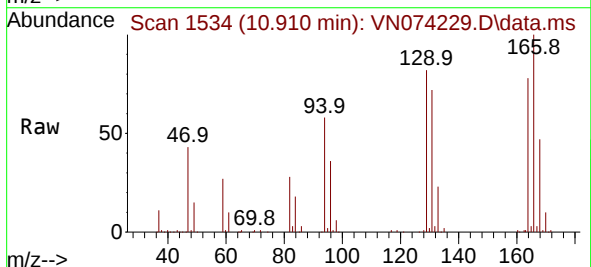
Tgt Ion:117 Resp: 346249
Ion Ratio Lower Upper
117 100
82 60.8 44.2 66.2
119 31.5 25.4 38.0

Manual Integrations
APPROVED

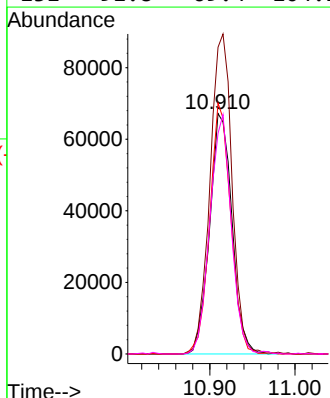
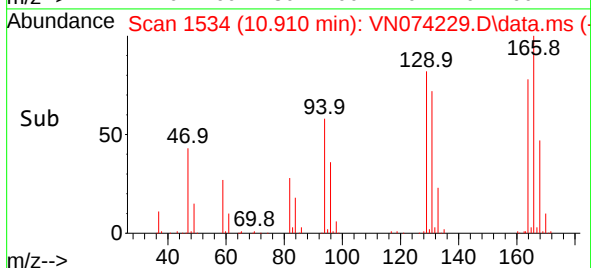
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

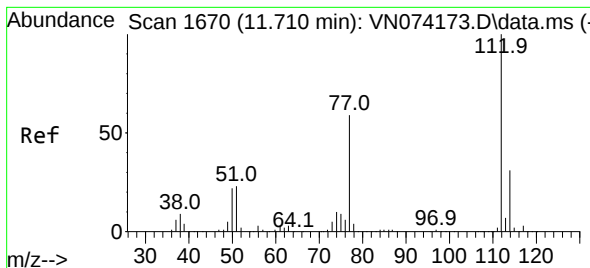


#64
Tetrachloroethene
Concen: 48.800 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. -0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14



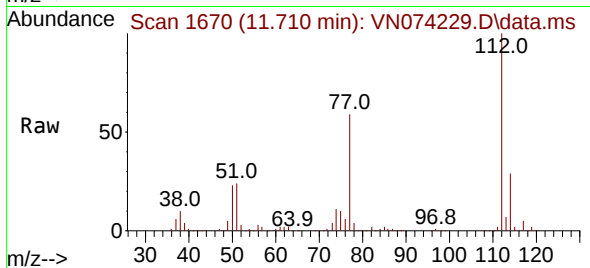
Tgt Ion:164 Resp: 122389
Ion Ratio Lower Upper
164 100
166 127.5 104.2 156.2
129 104.4 73.9 110.9
131 91.8 69.4 104.2





#65
Chlorobenzene
Concen: 51.627 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

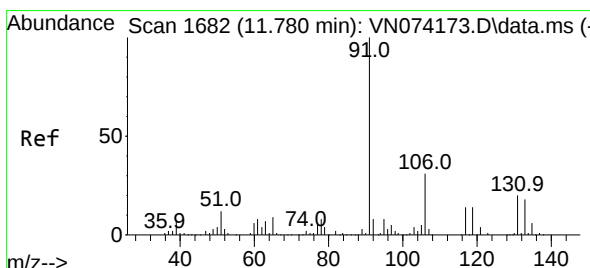
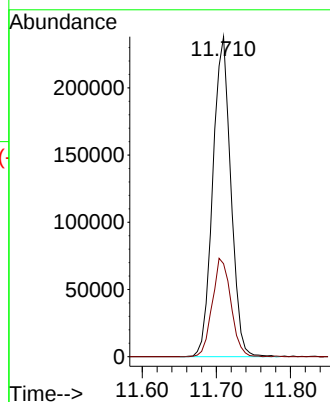
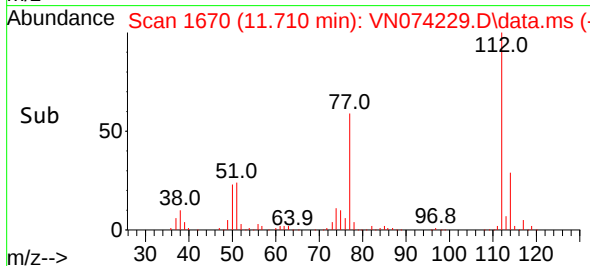
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



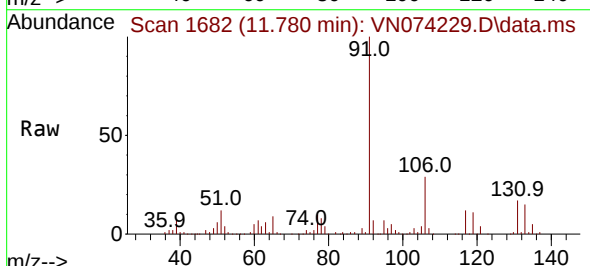
Tgt Ion:112 Resp: 402244
Ion Ratio Lower Upper
112 100
114 29.1 25.4 38.2

Manual Integrations
APPROVED

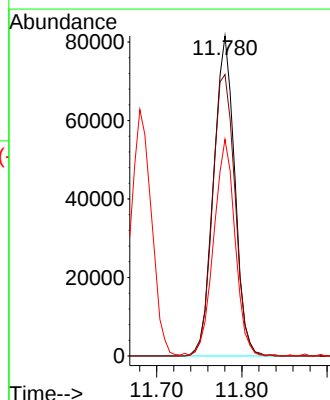
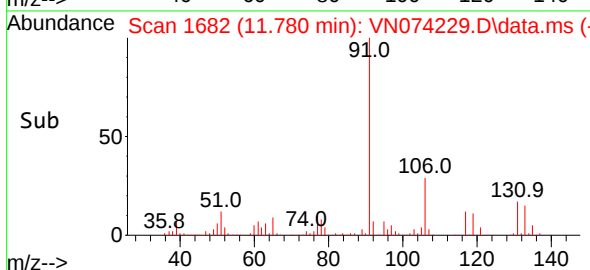
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

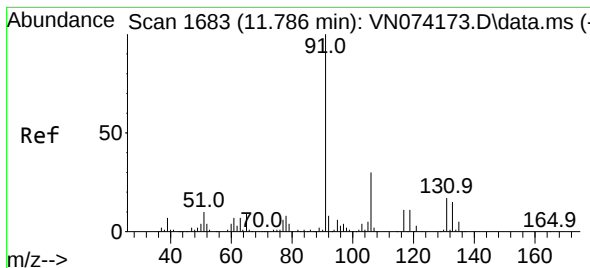


#66
1,1,1,2-Tetrachloroethane
Concen: 50.843 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14



Tgt Ion:131 Resp: 140799
Ion Ratio Lower Upper
131 100
133 93.4 47.8 143.4
119 68.3 33.4 100.2





#67

Ethyl Benzene

Concen: 56.173 ug/l

RT: 11.780 min Scan# 1682

Delta R.T. -0.006 min

Lab File: VN074229.D

Acq: 01 Sep 2022 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 785419

Ion Ratio Lower Upper

91 100

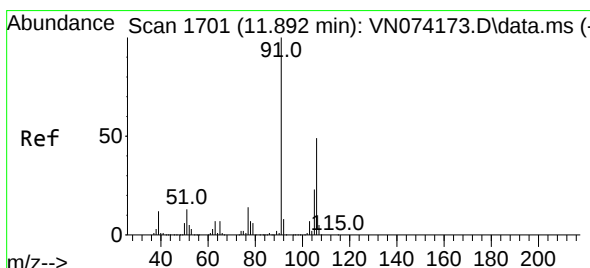
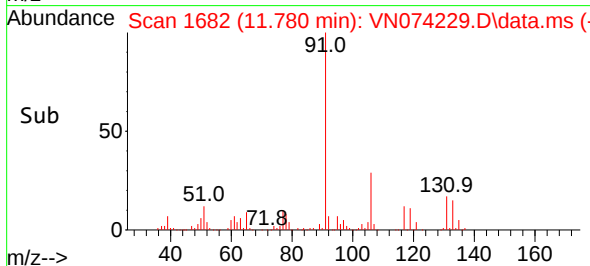
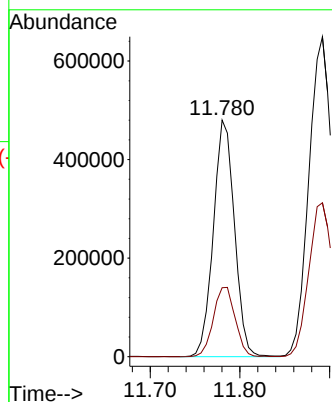
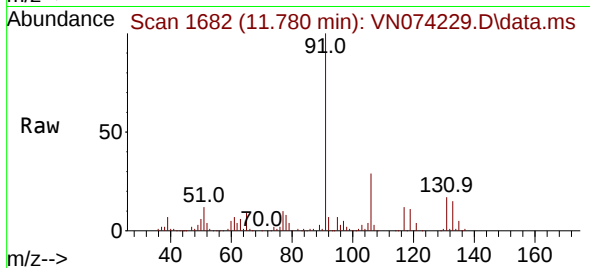
106 29.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#68

m/p-Xylenes

Concen: 114.083 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN074229.D

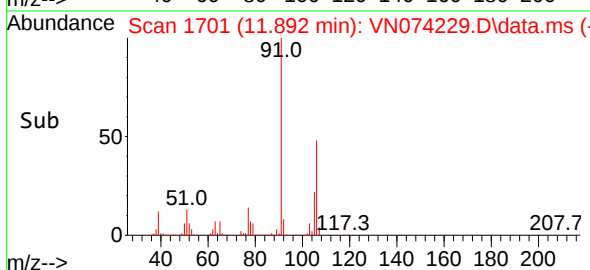
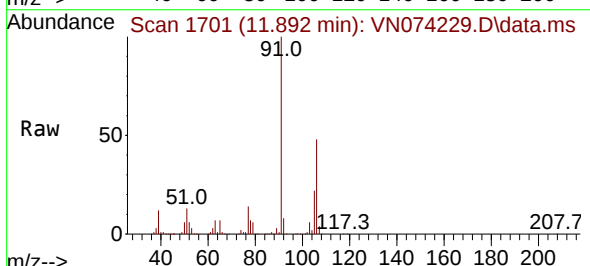
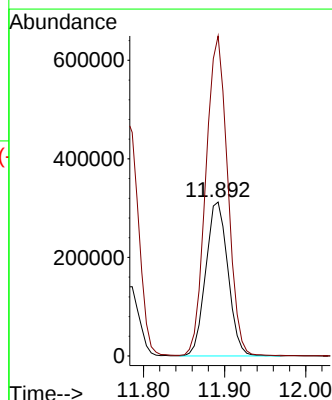
Acq: 01 Sep 2022 09:14

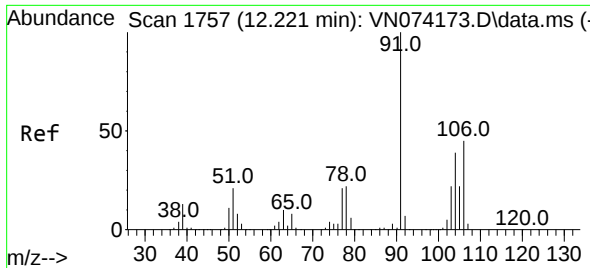
Tgt Ion:106 Resp: 592565

Ion Ratio Lower Upper

106 100

91 204.9 158.9 238.3





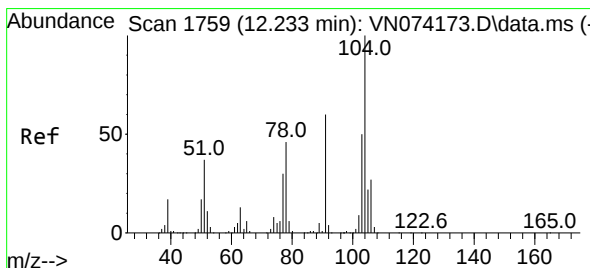
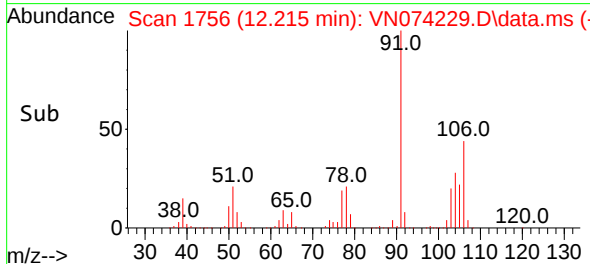
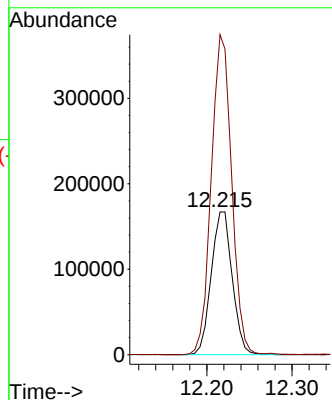
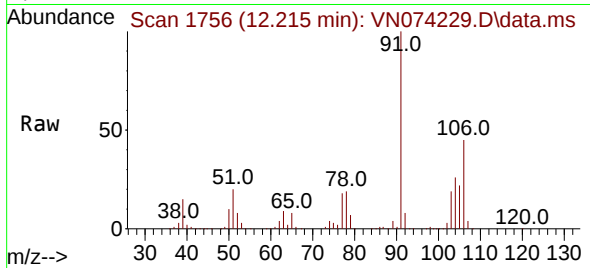
#69
o-Xylene
Concen: 55.393 ug/l
RT: 12.215 min Scan# 1756
Delta R.T. -0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 286688
Ion Ratio Lower Upper
106 100
91 218.2 106.0 318.0

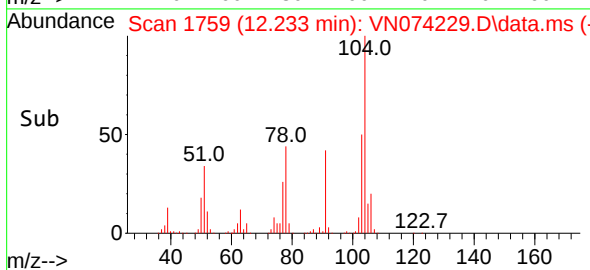
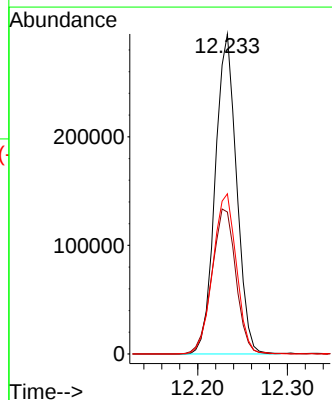
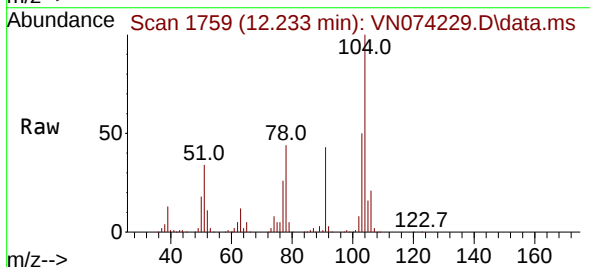
Manual Integrations
APPROVED

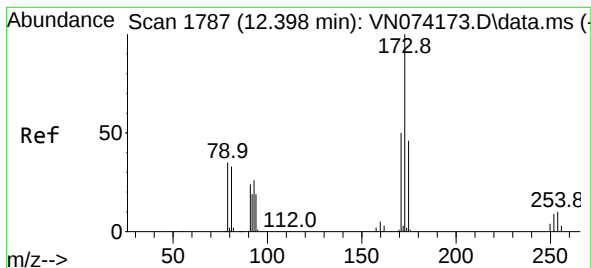
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#70
Styrene
Concen: 59.131 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

Tgt Ion:104 Resp: 487572
Ion Ratio Lower Upper
104 100
78 50.9 39.5 59.3
103 55.3 44.0 66.0





#71

Bromoform

Concen: 48.648 ug/l

RT: 12.392 min Scan# 1786

Delta R.T. -0.006 min

Lab File: VN074229.D

Acq: 01 Sep 2022 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 11411

Ion Ratio Lower Upper

173 100

175 49.3 24.6 73.6

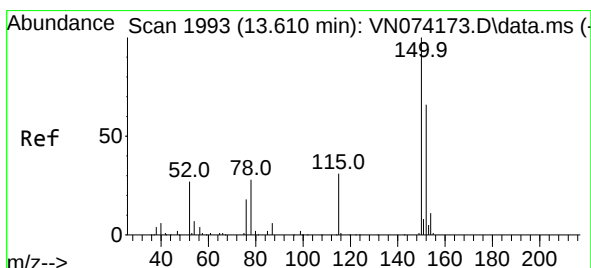
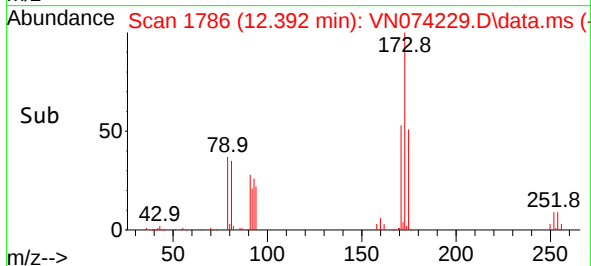
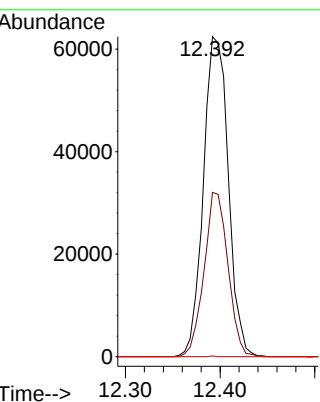
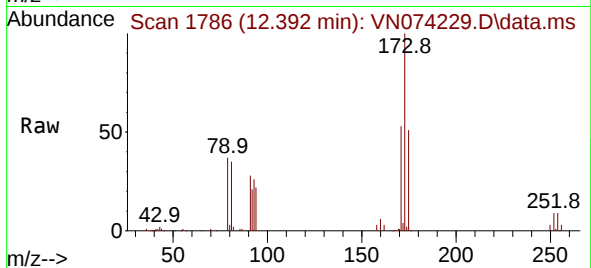
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.609 min Scan# 1993

Delta R.T. -0.001 min

Lab File: VN074229.D

Acq: 01 Sep 2022 09:14

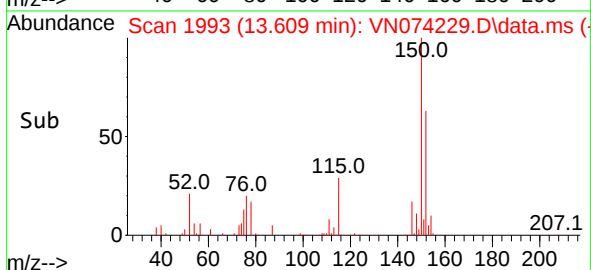
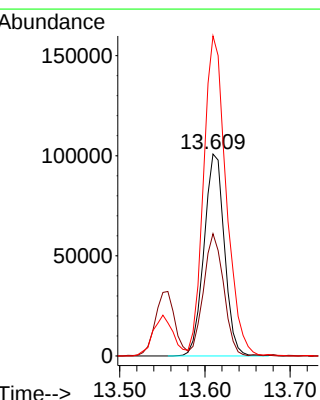
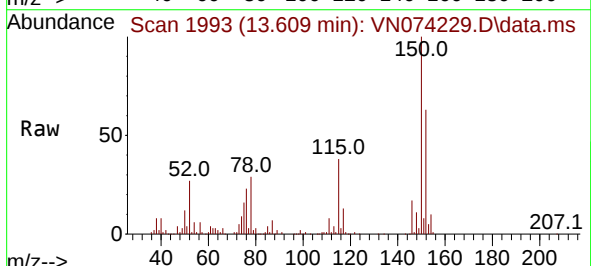
Tgt Ion:152 Resp: 167938

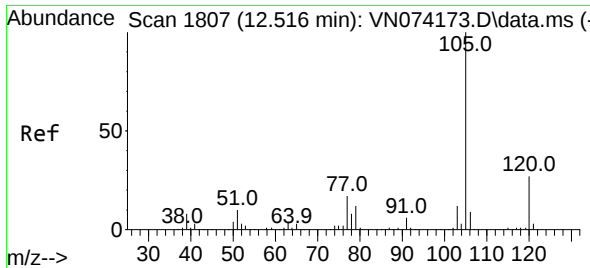
Ion Ratio Lower Upper

152 100

115 59.2 28.9 86.7

150 175.0 0.0 356.2





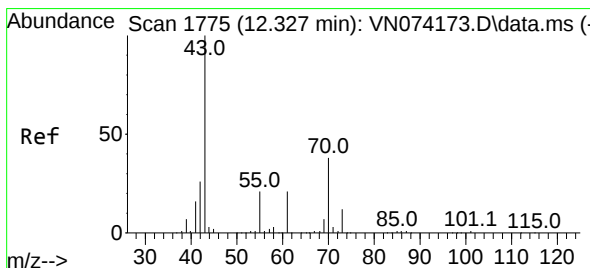
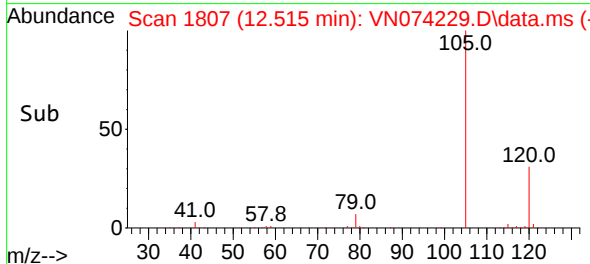
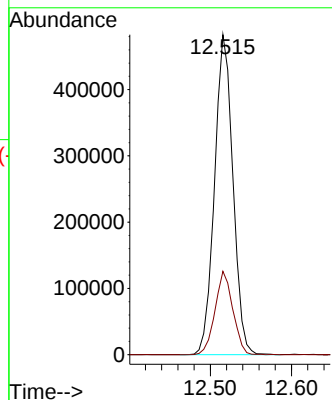
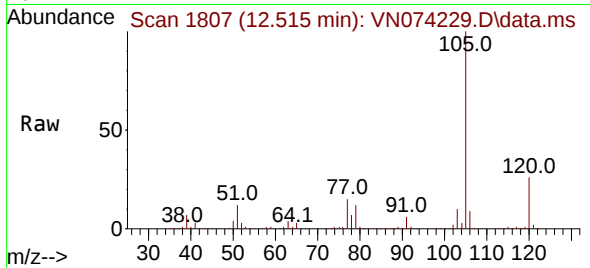
#73
Isopropylbenzene
Concen: 52.802 ug/l
RT: 12.515 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 75941
Ion Ratio Lower Upper
105 100
120 25.3 13.5 40.4

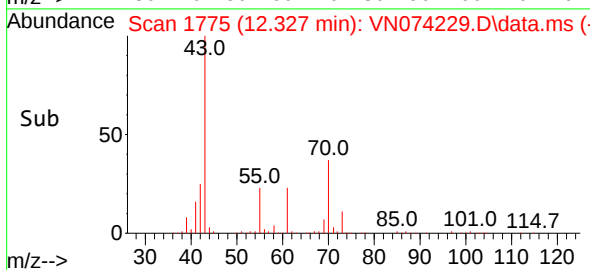
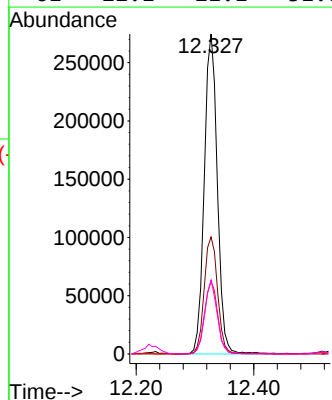
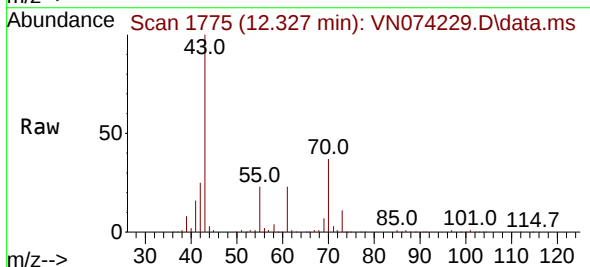
Manual Integrations
APPROVED

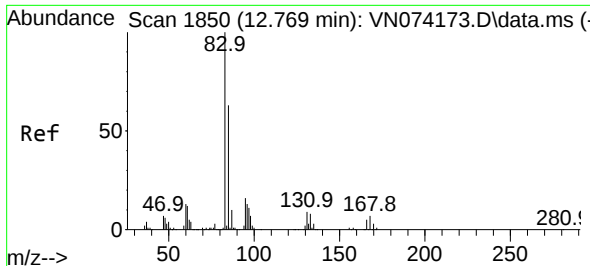
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#74
N-ethyl acetate
Concen: 52.035 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

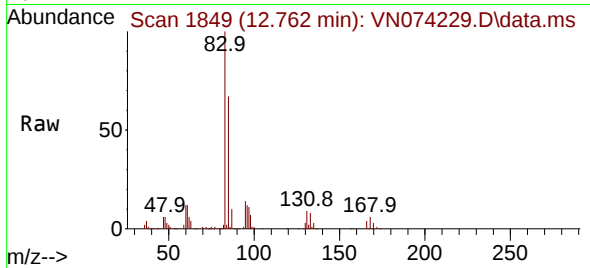
Tgt Ion: 43 Resp: 423412
Ion Ratio Lower Upper
43 100
70 37.4 39.0 58.4#
55 22.8 21.1 31.7
61 22.1 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 45.817 ug/l
RT: 12.762 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

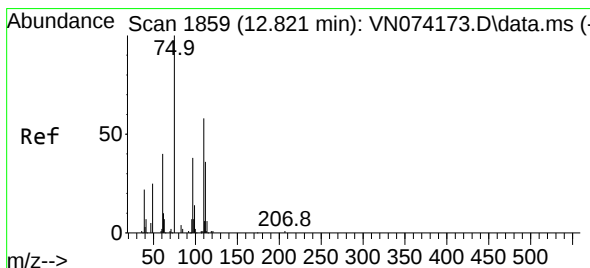
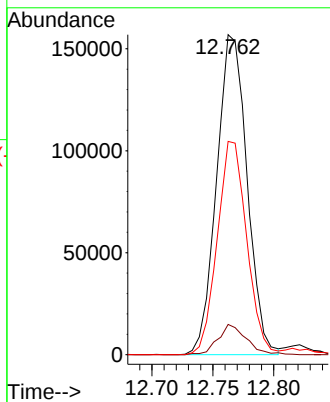
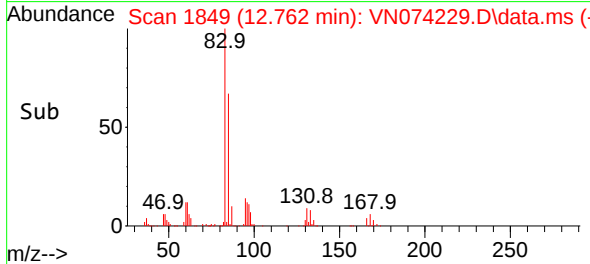
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



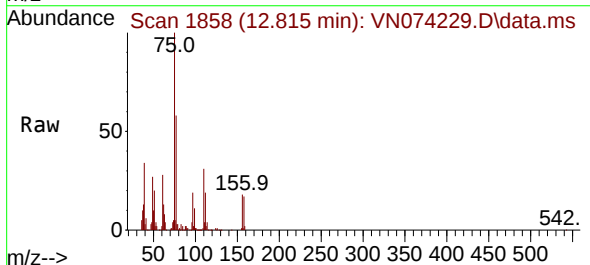
Tgt Ion: 83 Resp: 273275
Ion Ratio Lower Upper
83 100
131 8.8 5.3 15.9
85 64.5 32.3 96.9

Manual Integrations
APPROVED

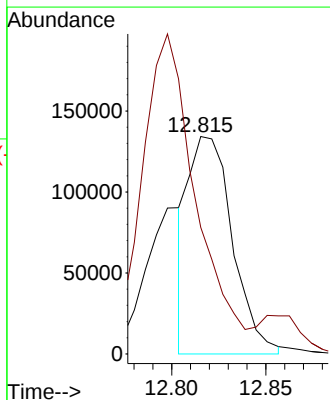
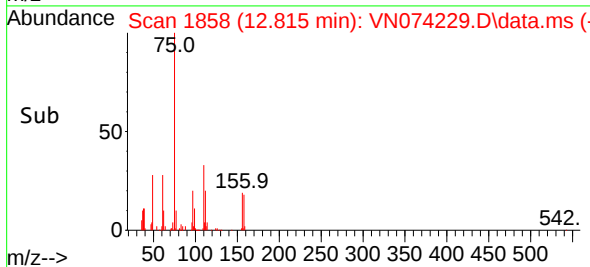
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

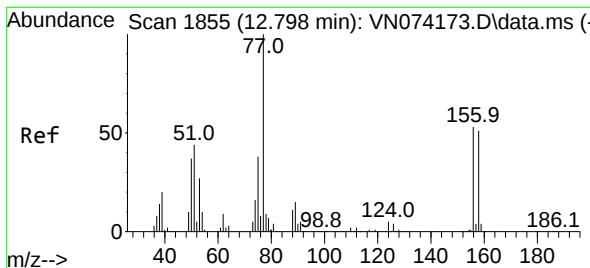


#76
1,2,3-Trichloropropane
Concen: 54.631 ug/l m
RT: 12.815 min Scan# 1858
Delta R.T. -0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14



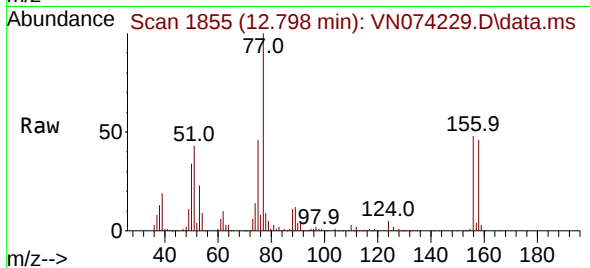
Tgt Ion: 75 Resp: 217956
Ion Ratio Lower Upper
75 100
77 180.3 98.5 295.5





#77
Bromobenzene
Concen: 48.748 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

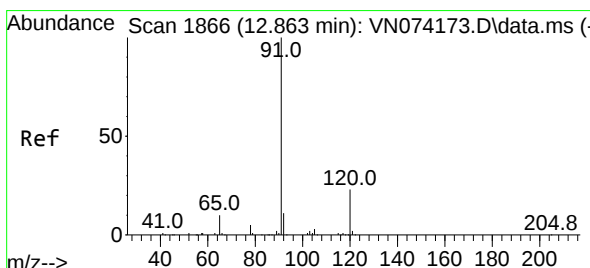
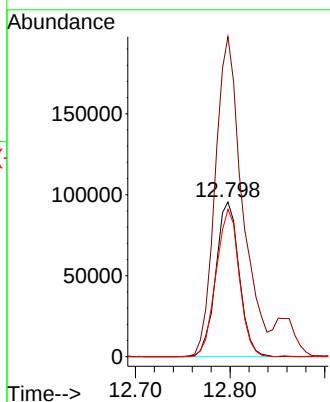
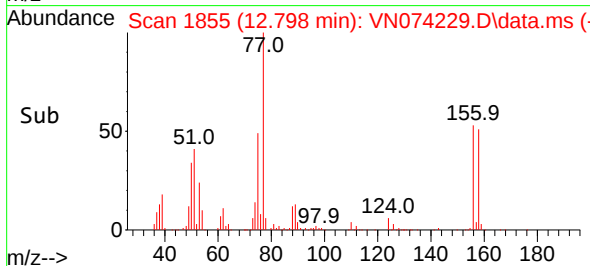
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 164000
Ion Ratio Lower Upper
156 100
77 239.7 100.5 301.5
158 94.5 48.9 146.6

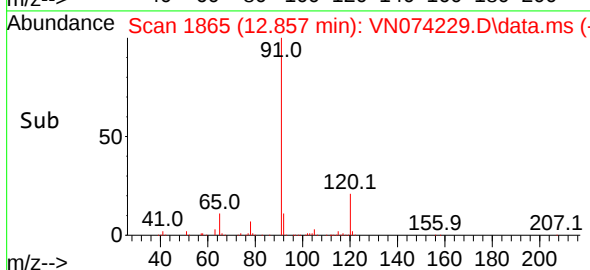
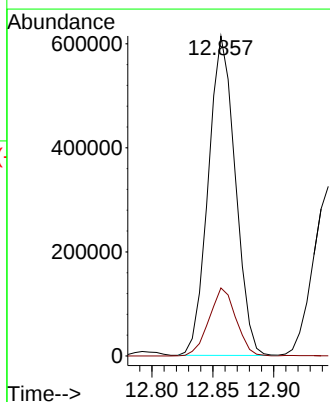
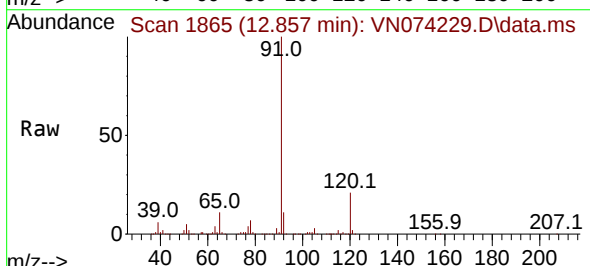
Manual Integrations
APPROVED

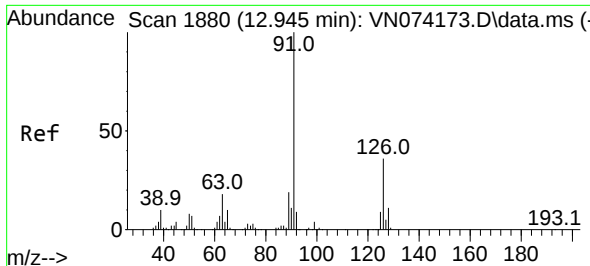
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#78
n-propylbenzene
Concen: 57.825 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

Tgt Ion: 91 Resp: 947979
Ion Ratio Lower Upper
91 100
120 21.2 11.9 35.5





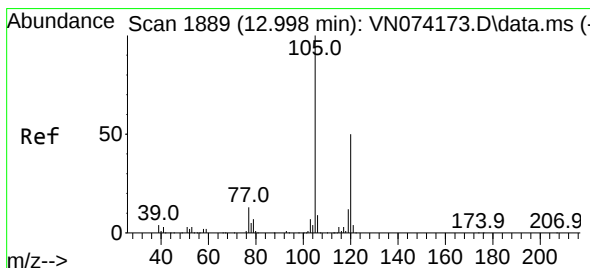
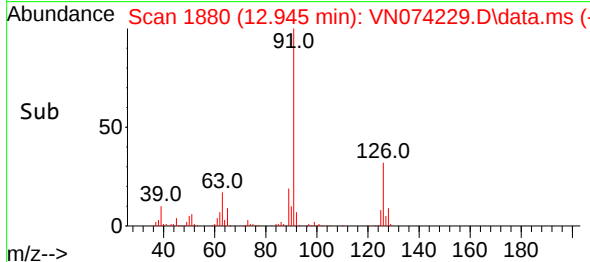
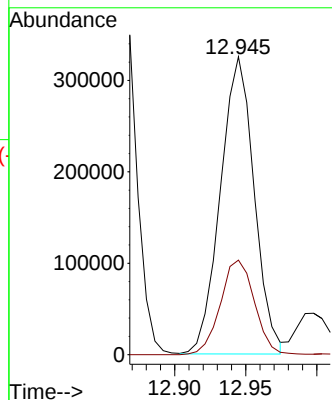
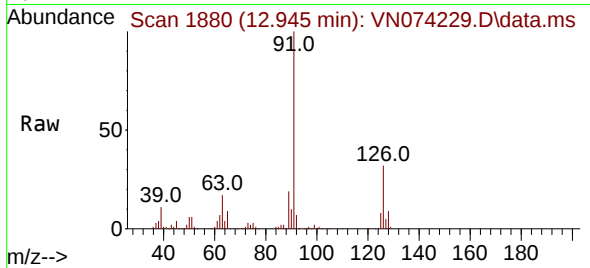
#79
2-Chlorotoluene
Concen: 53.486 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 537093
Ion Ratio Lower Upper
91 100
126 32.2 17.3 51.9

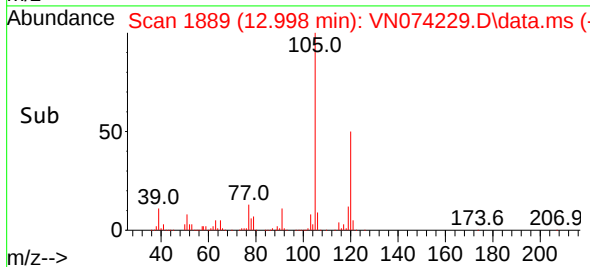
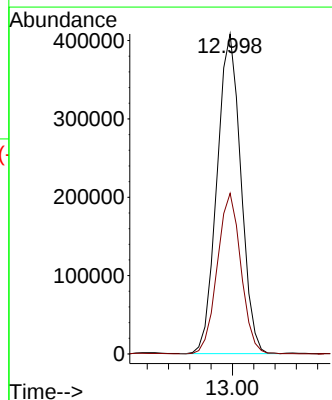
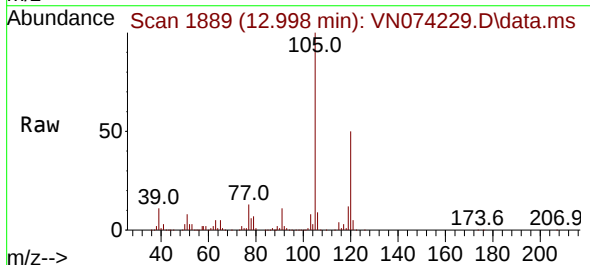
Manual Integrations
APPROVED

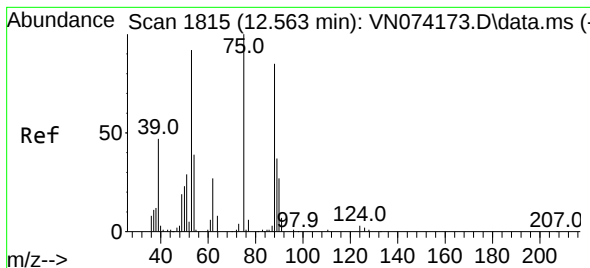
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#80
1,3,5-Trimethylbenzene
Concen: 54.092 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

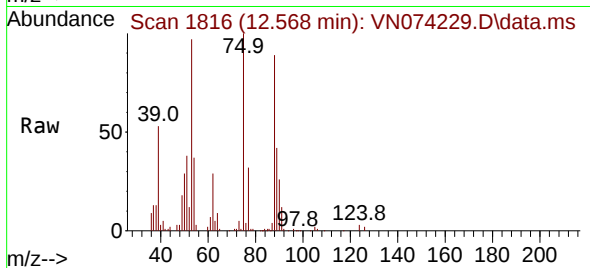
Tgt Ion:105 Resp: 632694
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 54.781 ug/l
RT: 12.568 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

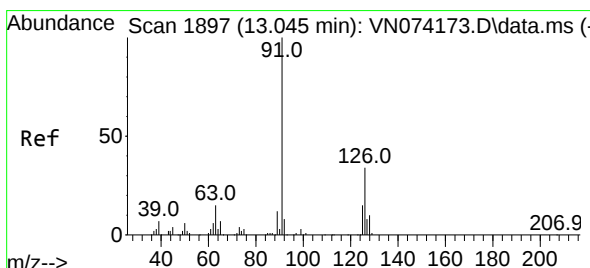
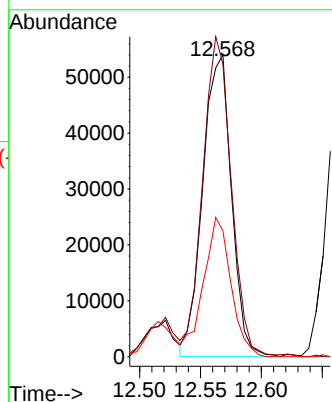
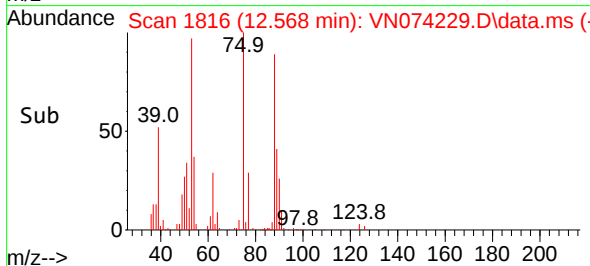
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 88632
Ion Ratio Lower Upper
75 100
53 105.5 78.0 117.0
89 44.3 37.2 55.8

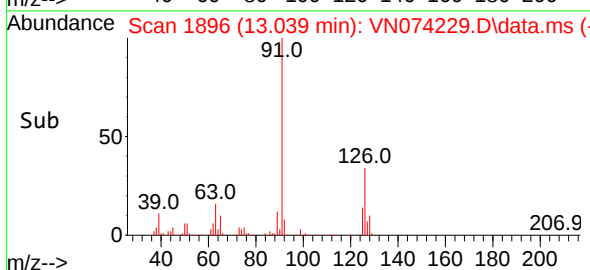
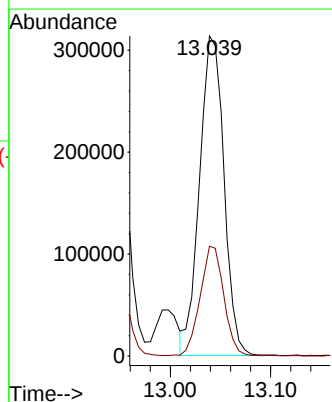
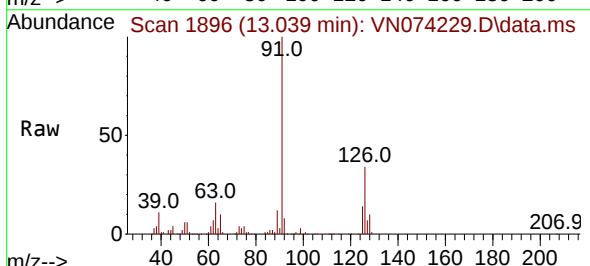
Manual Integrations
APPROVED

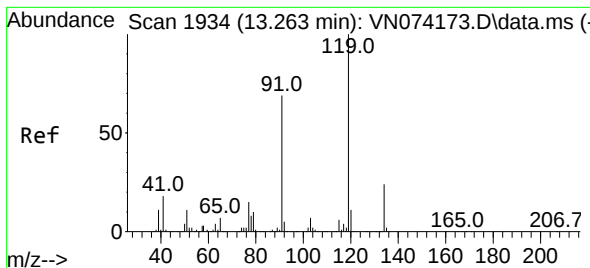
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#82
4-Chlorotoluene
Concen: 54.752 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. -0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

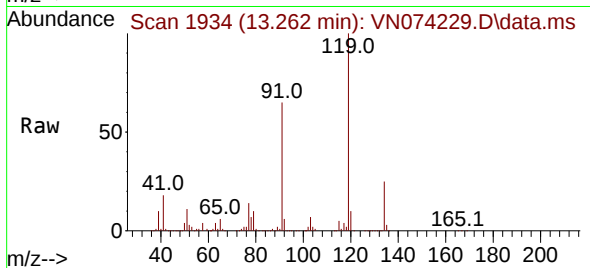
Tgt Ion: 91 Resp: 531991
Ion Ratio Lower Upper
91 100
126 33.2 17.2 51.6





#83
tert-Butylbenzene
Concen: 54.364 ug/l
RT: 13.262 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

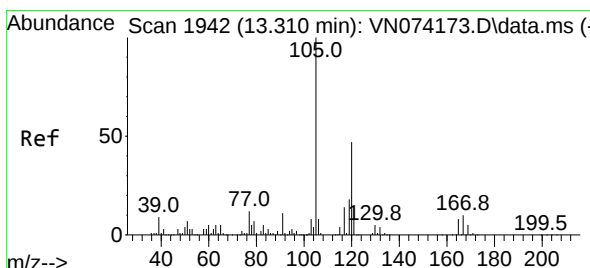
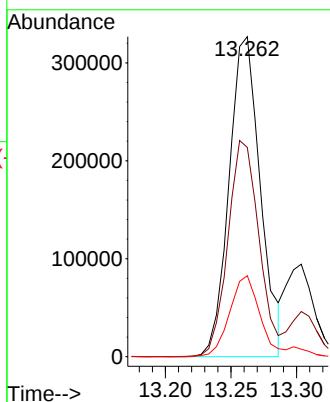
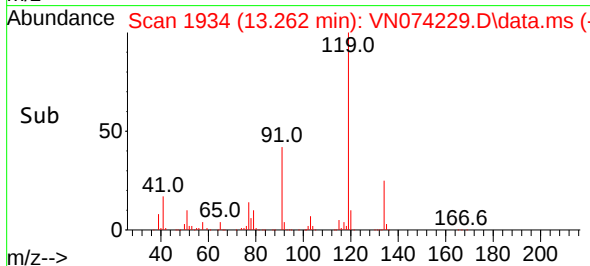
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



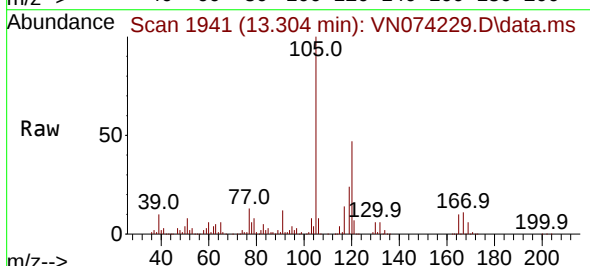
Tgt Ion:119 Resp: 543930
Ion Ratio Lower Upper
119 100
91 67.0 31.6 94.8
134 24.4 13.7 41.1

Manual Integrations
APPROVED

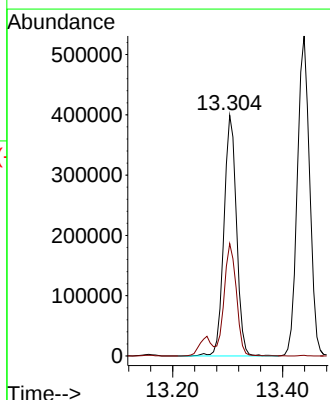
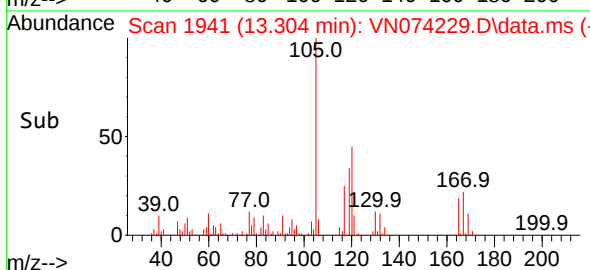
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

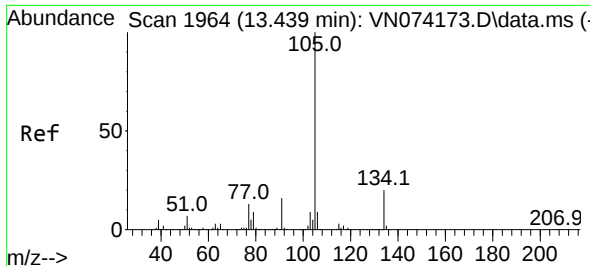


#84
1,2,4-Trimethylbenzene
Concen: 56.121 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14



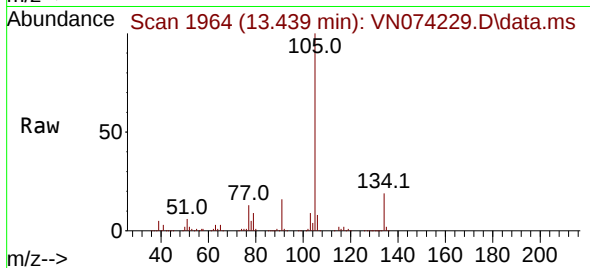
Tgt Ion:105 Resp: 633534
Ion Ratio Lower Upper
105 100
120 45.6 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 58.694 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN074229.D
 Acq: 01 Sep 2022 09:14

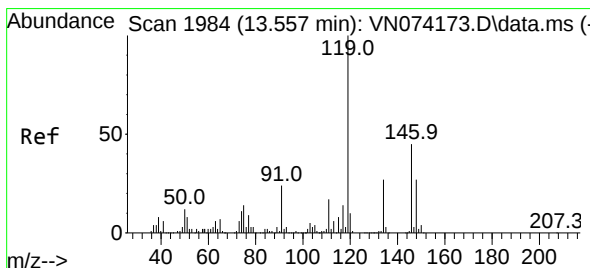
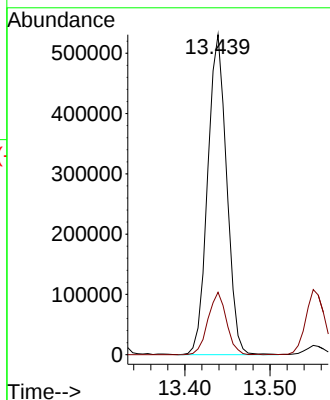
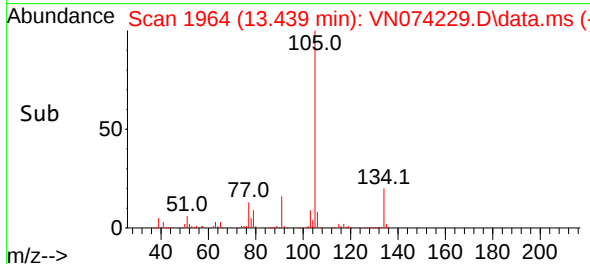
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



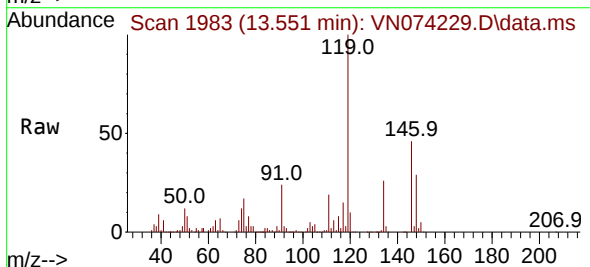
Tgt Ion:105 Resp: 823779
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.4 31.1

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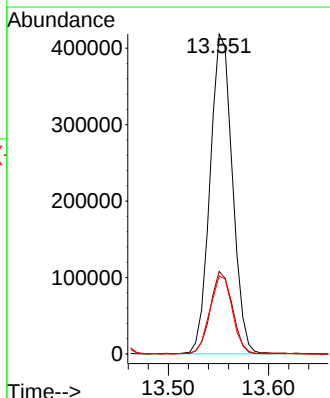
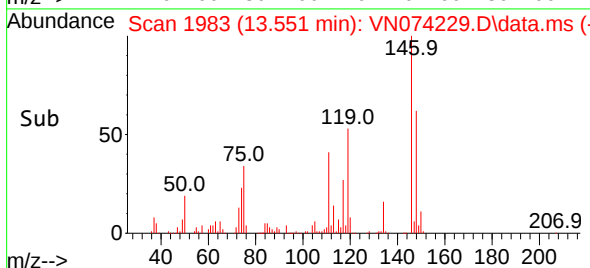
Reviewed By :John Carlone 09/02/2022
 Supervised By :Mahesh Dadoda 09/02/2022

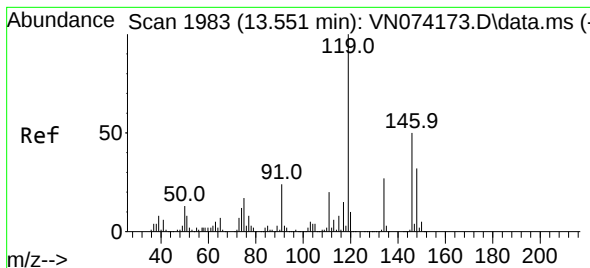


#86
 p-Isopropyltoluene
 Concen: 59.163 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN074229.D
 Acq: 01 Sep 2022 09:14



Tgt Ion:119 Resp: 646120
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.3 39.8
 91 24.7 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 52.202 ug/l

RT: 13.551 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN074229.D

Acq: 01 Sep 2022 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 31306

Ion Ratio Lower Upper

146 100

111 41.0 20.0 60.0

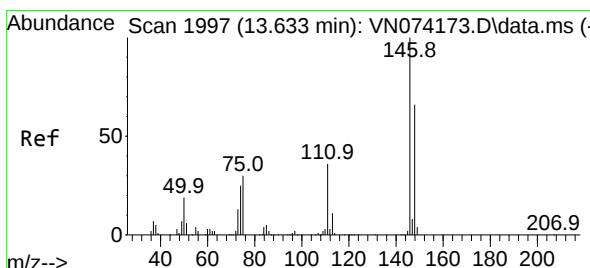
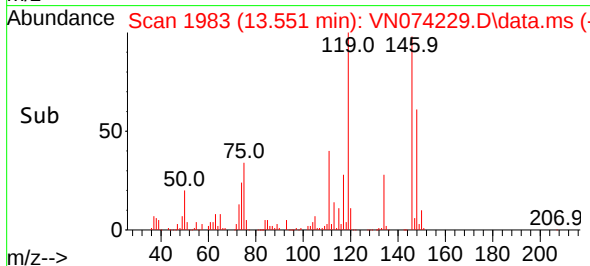
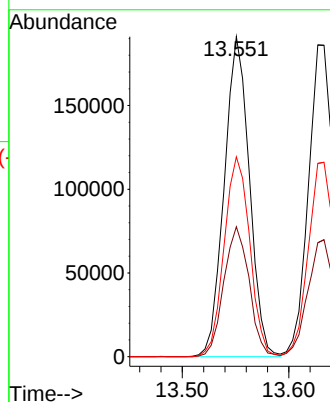
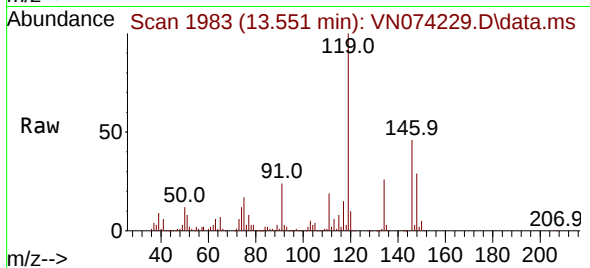
148 63.7 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#88

1,4-Dichlorobenzene

Concen: 50.977 ug/l

RT: 13.627 min Scan# 1996

Delta R.T. -0.006 min

Lab File: VN074229.D

Acq: 01 Sep 2022 09:14

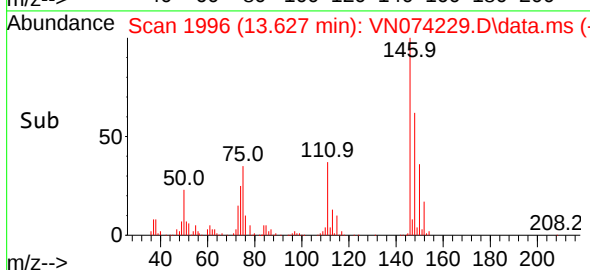
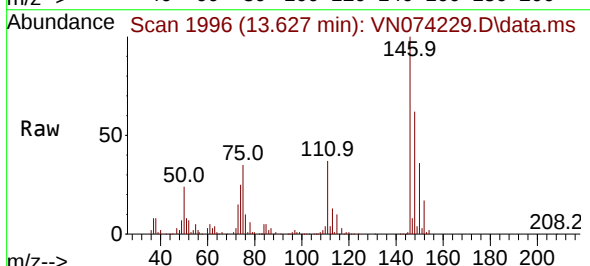
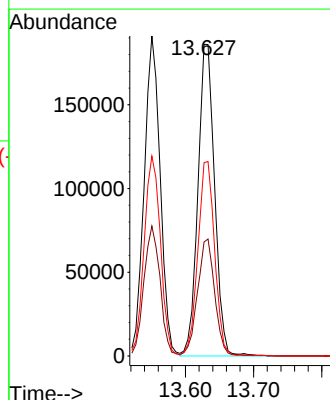
Tgt Ion:146 Resp: 316275

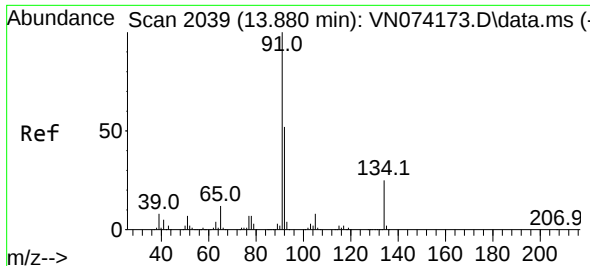
Ion Ratio Lower Upper

146 100

111 38.5 19.1 57.1

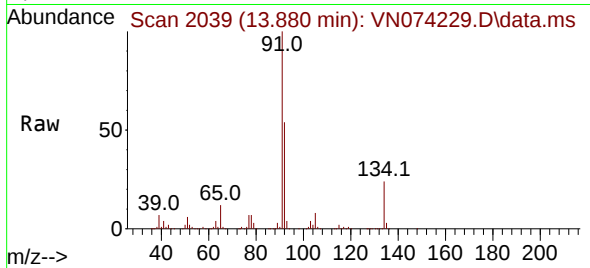
148 62.4 31.4 94.3





#89
n-Butylbenzene
Concen: 62.344 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

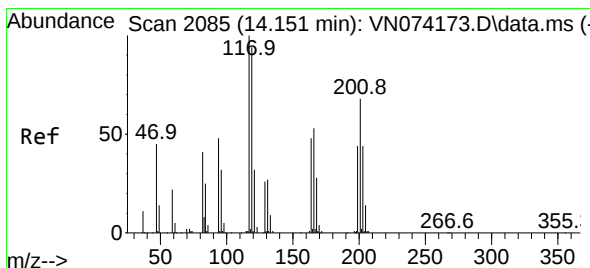
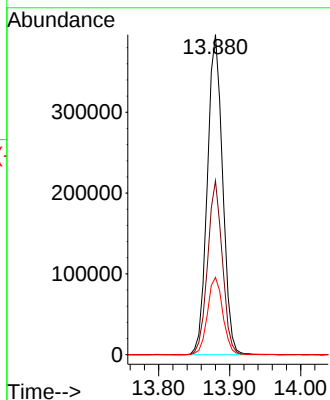
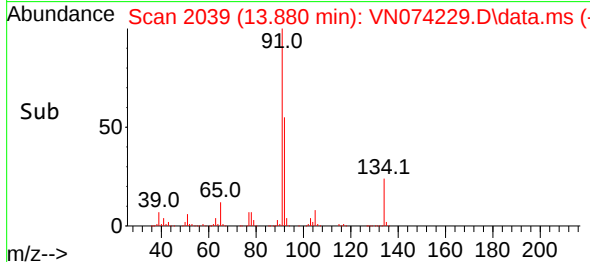
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 59298
Ion Ratio Lower Upper
91 100
92 52.5 26.9 80.7
134 24.3 13.6 40.8

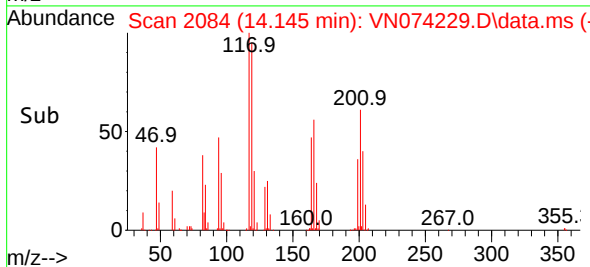
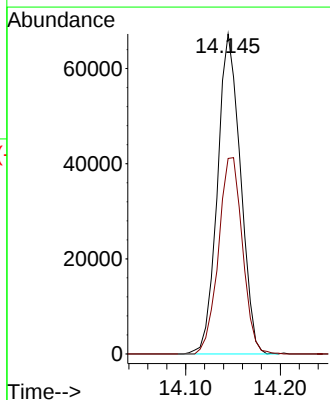
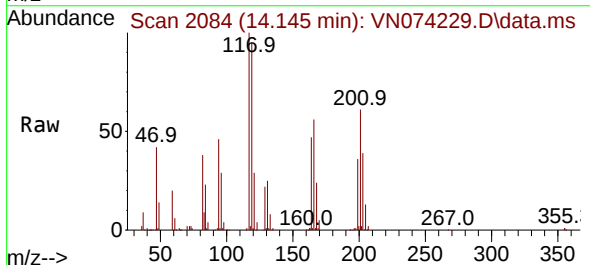
Manual Integrations
APPROVED

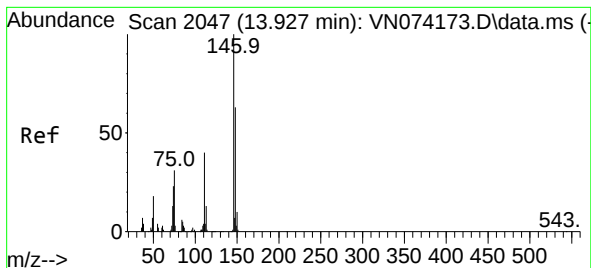
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#90
Hexachloroethane
Concen: 50.507 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. -0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

Tgt Ion:117 Resp: 113717
Ion Ratio Lower Upper
117 100
201 64.1 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 50.204 ug/l

RT: 13.921 min Scan# 2046

Delta R.T. -0.006 min

Lab File: VN074229.D

Acq: 01 Sep 2022 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 317370

Ion Ratio Lower Upper

146 100

111 41.7 20.9 62.8

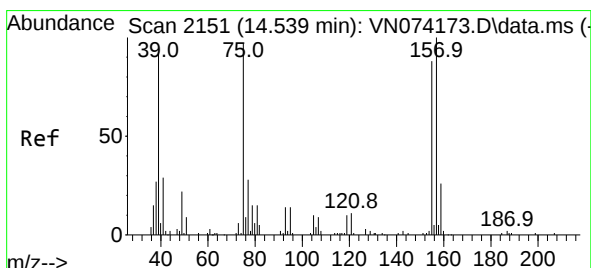
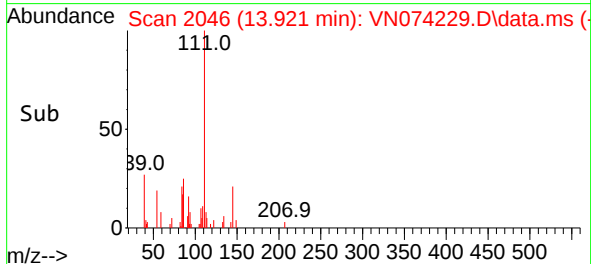
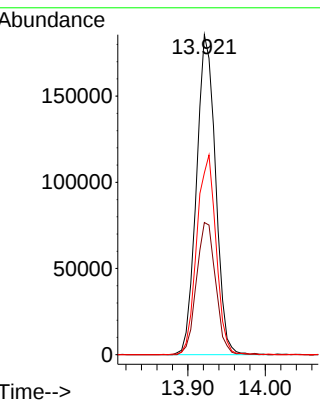
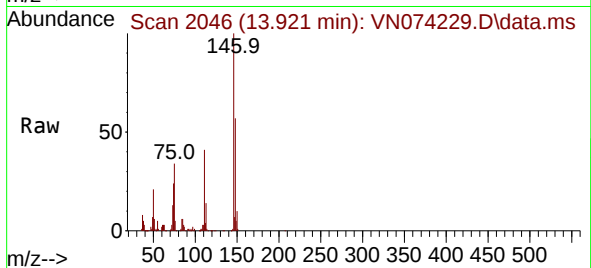
148 63.1 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.792 ug/l

RT: 14.539 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VN074229.D

Acq: 01 Sep 2022 09:14

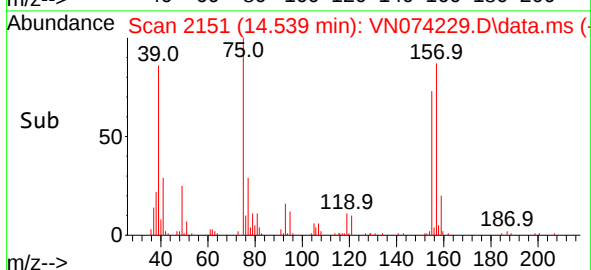
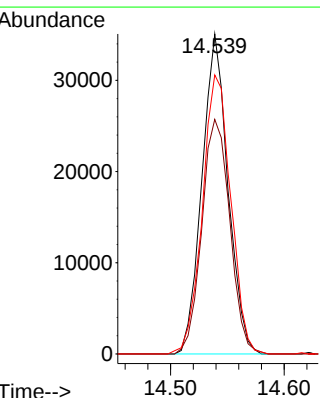
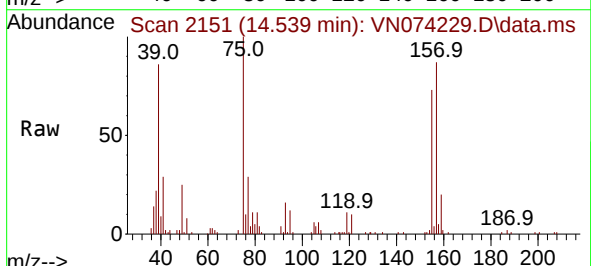
Tgt Ion: 75 Resp: 55782

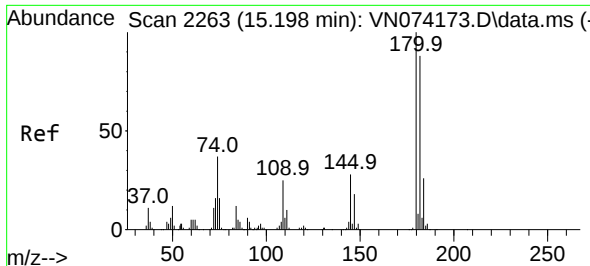
Ion Ratio Lower Upper

75 100

155 78.9 44.9 134.5

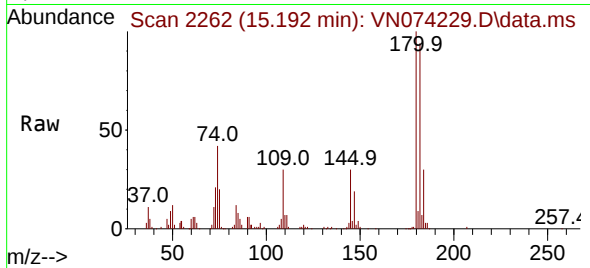
157 95.0 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 54.462 ug/l
RT: 15.192 min Scan# 2263
Delta R.T. -0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

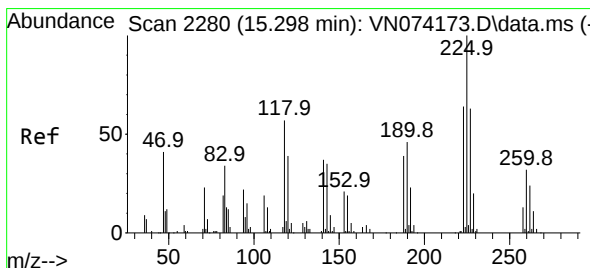
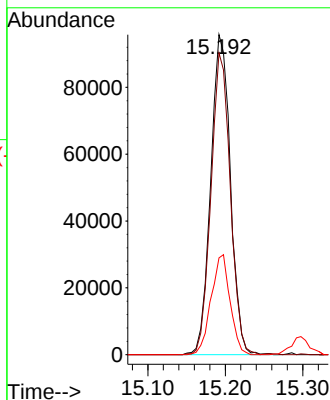
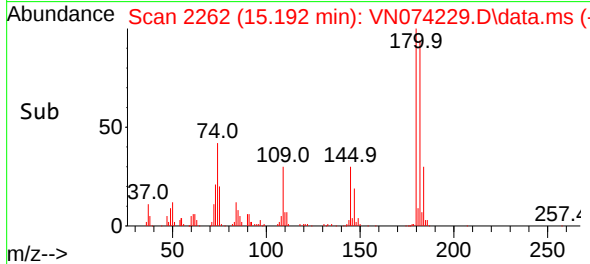
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



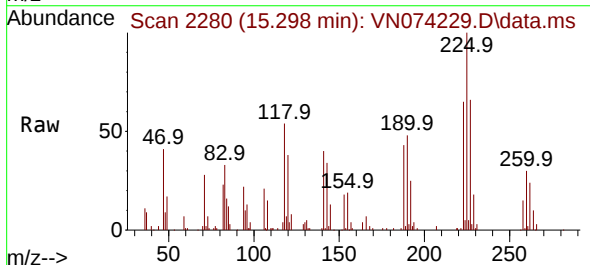
Tgt Ion:180 Resp: 16841
Ion Ratio Lower Upper
180 100
182 92.7 47.5 142.5
145 30.2 14.5 43.5

Manual Integrations
APPROVED

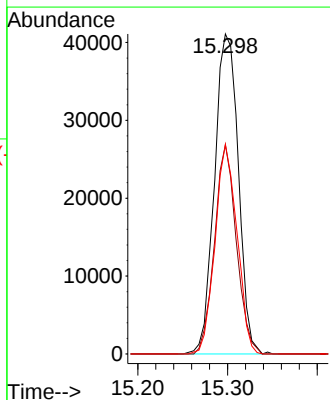
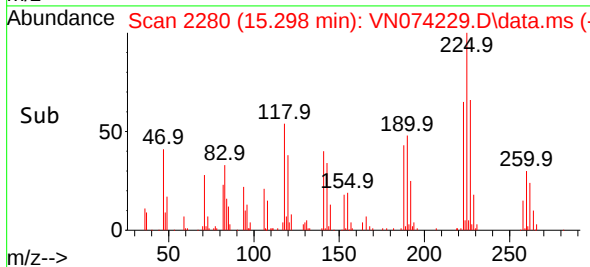
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

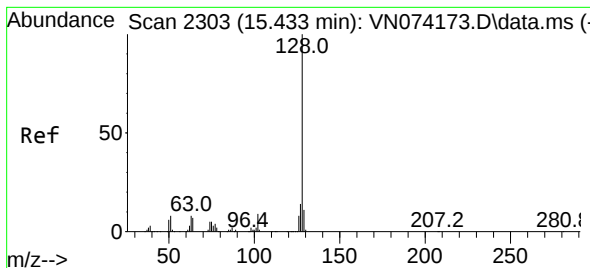


#94
Hexachlorobutadiene
Concen: 49.818 ug/l
RT: 15.298 min Scan# 2280
Delta R.T. -0.000 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14



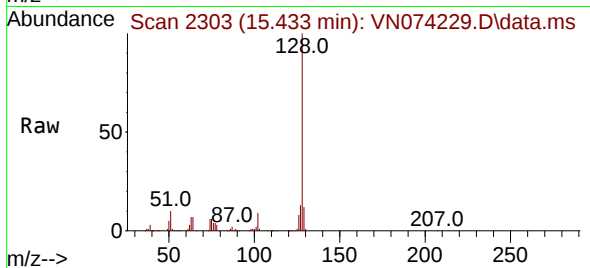
Tgt Ion:225 Resp: 75757
Ion Ratio Lower Upper
225 100
223 60.0 32.4 97.2
227 60.4 31.8 95.4





#95
Naphthalene
Concen: 48.324 ug/l
RT: 15.433 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14

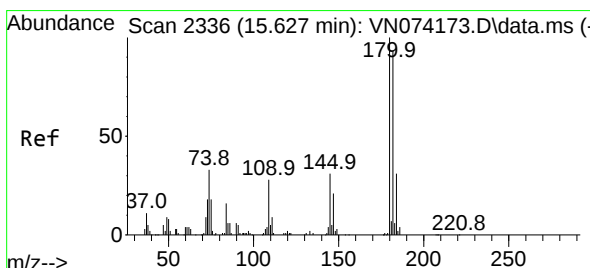
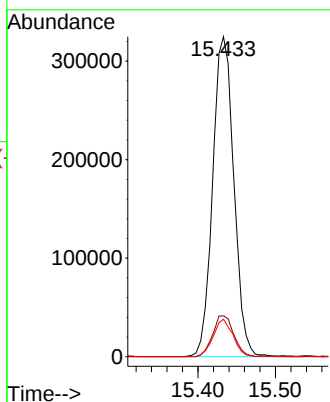
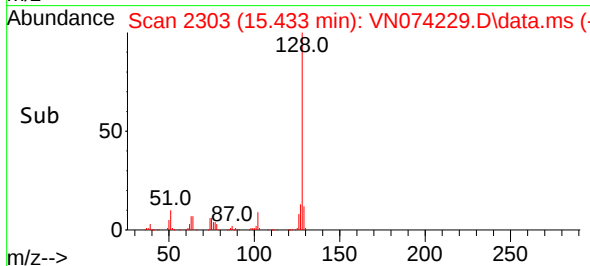
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



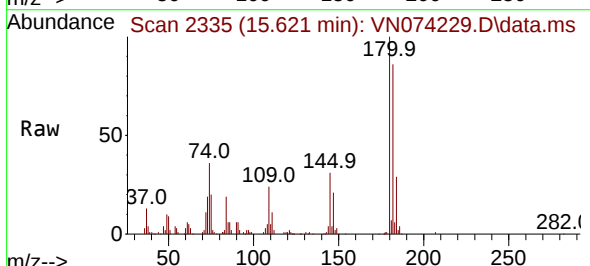
Tgt Ion:128 Resp: 615304
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 52.690 ug/l
RT: 15.621 min Scan# 2335
Delta R.T. -0.006 min
Lab File: VN074229.D
Acq: 01 Sep 2022 09:14



Tgt Ion:180 Resp: 168786
Ion Ratio Lower Upper
180 100
182 93.3 47.8 143.3
145 31.4 15.5 46.5

