

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103122\
 Data File : VN075078.D
 Acq On : 31 Oct 2022 11:15
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 01 06:12:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/01/2022
 Supervised By : Mahesh Dadoda 11/01/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	110453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	205567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	194606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	101866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	79602	53.488	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.980%			
35) Dibromofluoromethane	8.171	113	64612	53.541	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.080%			
50) Toluene-d8	10.571	98	258209	55.149	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.300%			
62) 4-Bromofluorobenzene	12.847	95	93248	56.696	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	62379	43.413	ug/l	100
3) Chloromethane	2.371	50	64931	42.544	ug/l	99
4) Vinyl Chloride	2.524	62	98537	45.257	ug/l	97
5) Bromomethane	2.918	94	87377	56.715	ug/l	95
6) Chloroethane	3.101	64	70735	45.306	ug/l	93
7) Trichlorofluoromethane	3.495	101	108671	48.859	ug/l	98
8) Diethyl Ether	3.965	74	38886	47.933	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	59787	48.674	ug/l	99
10) Methyl Iodide	4.595	142	85996	47.027	ug/l	100
11) Tert butyl alcohol	5.536	59	75359	217.136	ug/l #	87
12) 1,1-Dichloroethene	4.348	96	56331	48.112	ug/l	97
13) Acrolein	4.189	56	68504	241.317	ug/l	99
14) Allyl chloride	5.024	41	84602	49.475	ug/l	100
15) Acrylonitrile	5.730	53	176559	240.827	ug/l	100
16) Acetone	4.442	43	168633	267.607	ug/l	97
17) Carbon Disulfide	4.712	76	139780	47.474	ug/l	96
18) Methyl Acetate	5.030	43	97512	47.373	ug/l	96
19) Methyl tert-butyl Ether	5.806	73	219145	50.359	ug/l	97
20) Methylene Chloride	5.283	84	67114	47.767	ug/l	95
21) trans-1,2-Dichloroethene	5.795	96	62830	49.011	ug/l	96
22) Diisopropyl ether	6.683	45	192626	51.044	ug/l	99
23) Vinyl Acetate	6.612	43	705646	223.927	ug/l	98
24) 1,1-Dichloroethane	6.577	63	120074	50.310	ug/l	99
25) 2-Butanone	7.489	43	243765	245.938	ug/l	99
26) 2,2-Dichloropropane	7.494	77	114677	52.230	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	76984	50.286	ug/l	99
28) Bromochloromethane	7.818	49	52199	51.883	ug/l	100
29) Tetrahydrofuran	7.841	42	158232	247.052	ug/l	99
30) Chloroform	7.971	83	135012	52.102	ug/l	99
31) Cyclohexane	8.259	56	106359	48.052	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	124373	52.853	ug/l	99
36) 1,1-Dichloropropene	8.377	75	97320	52.090	ug/l	100
37) Ethyl Acetate	7.571	43	97085	47.383	ug/l	99
38) Carbon Tetrachloride	8.365	117	105820	51.490	ug/l	98
39) Methylcyclohexane	9.606	83	127284	51.606	ug/l	95
40) Benzene	8.612	78	293326	51.276	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103122\
 Data File : VN075078.D
 Acq On : 31 Oct 2022 11:15
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 01 06:12:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/01/2022
 Supervised By : Mahesh Dadoda 11/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	50067	51.003	ug/l	98
42) 1,2-Dichloroethane	8.671	62	106151	51.004	ug/l	99
43) Isopropyl Acetate	8.694	43	157089	49.427	ug/l	99
44) Trichloroethene	9.353	130	71548	49.852	ug/l	96
45) 1,2-Dichloropropane	9.624	63	70936	52.106	ug/l	99
46) Dibromomethane	9.712	93	55360	52.196	ug/l	94
47) Bromodichloromethane	9.888	83	107365	52.273	ug/l	96
48) Methyl methacrylate	9.683	41	72454	49.698	ug/l	96
49) 1,4-Dioxane	9.700	88	37059	970.736	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	507827	247.613	ug/l	99
52) Toluene	10.630	92	204693	53.529	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	119842	55.279	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	119256	51.864	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	78165	51.552	ug/l	97
56) Ethyl methacrylate	10.877	69	121200	52.403	ug/l	97
57) 1,3-Dichloropropane	11.165	76	130809	51.805	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	257452	287.934	ug/l	100
59) 2-Hexanone	11.200	43	391592	251.576	ug/l	100
60) Dibromochloromethane	11.359	129	87345	54.601	ug/l	98
61) 1,2-Dibromoethane	11.471	107	83072	53.462	ug/l	99
64) Tetrachloroethene	11.106	164	64289	53.884	ug/l	93
65) Chlorobenzene	11.894	112	214491	51.636	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	81109	52.636	ug/l	99
67) Ethyl Benzene	11.965	91	397435	53.179	ug/l	100
68) m/p-Xylenes	12.071	106	322162	107.433	ug/l	98
69) o-Xylene	12.400	106	156627	52.815	ug/l	100
70) Styrene	12.412	104	259872	54.958	ug/l	98
71) Bromoform	12.582	173	62893	54.515	ug/l #	97
73) Isopropylbenzene	12.694	105	408417	49.941	ug/l	99
74) N-amyl acetate	12.494	43	142344	47.062	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	124572	52.925	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	93165m	43.074	ug/l	
77) Bromobenzene	12.982	156	90119	50.047	ug/l	97
78) n-propylbenzene	13.035	91	480994	52.386	ug/l	99
79) 2-Chlorotoluene	13.129	91	278360	49.613	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	360963	52.551	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	46653	55.369	ug/l	93
82) 4-Chlorotoluene	13.129	91	278360	49.613	ug/l	99
83) tert-Butylbenzene	13.441	119	310249	50.832	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	364310	52.421	ug/l	100
85) sec-Butylbenzene	13.618	105	451893	52.926	ug/l	99
86) p-Isopropyltoluene	13.729	119	383916	54.445	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	181656	51.524	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	179980	51.581	ug/l	99
89) n-Butylbenzene	14.059	91	324642	57.172	ug/l	100
90) Hexachloroethane	14.335	117	66485	51.424	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	177397	50.612	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26314	47.702	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	84610	56.097	ug/l	98
94) Hexachlorobutadiene	15.500	225	38074	51.781	ug/l	99
95) Naphthalene	15.641	128	301733	52.021	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	82251	54.884	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103122\
Data File : VN075078.D
Acq On : 31 Oct 2022 11:15
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

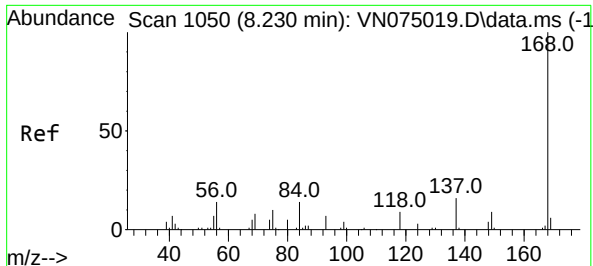
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

Quant Time: Nov 01 06:12:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

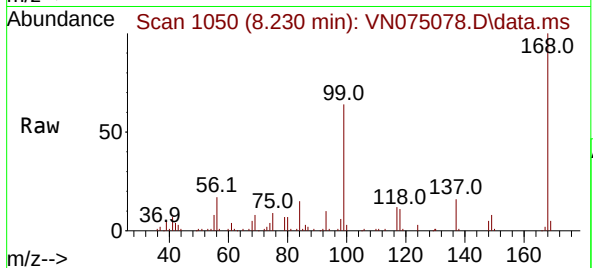
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

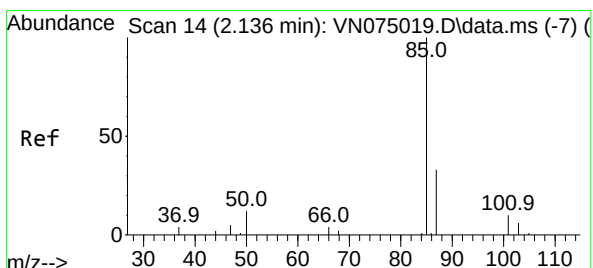
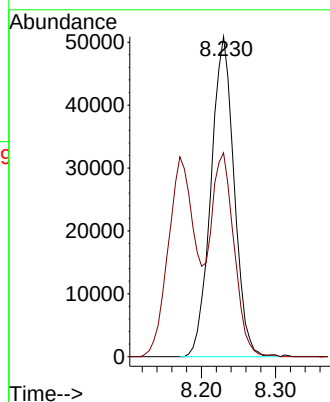
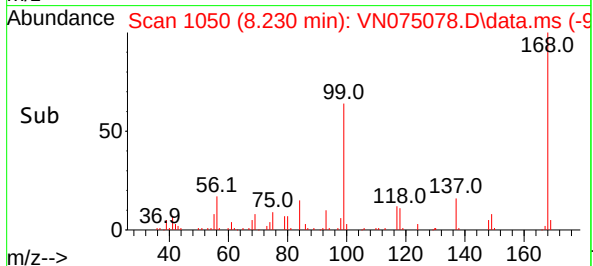
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 11045
Ion Ratio Lower Upper
168 100
99 63.7 51.6 77.4

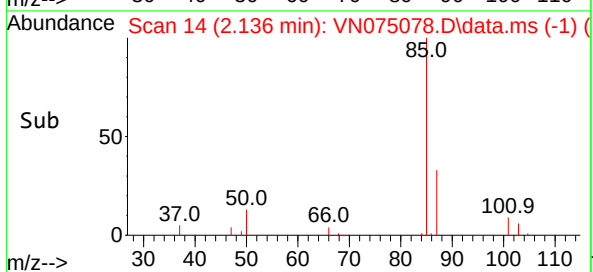
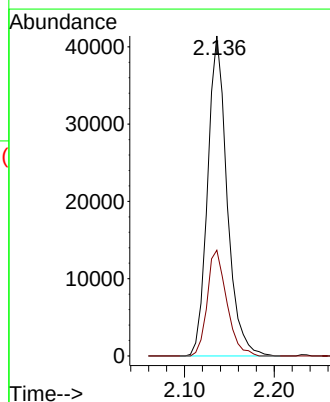
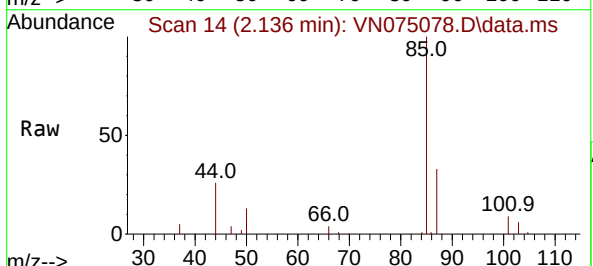
Manual Integrations
APPROVED

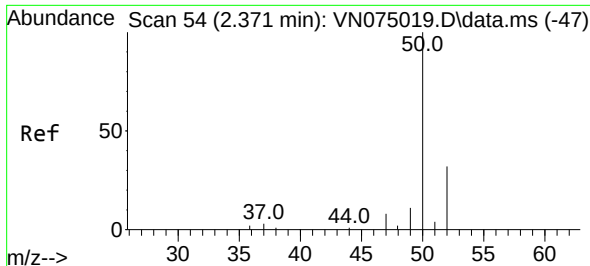
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#2
Dichlorodifluoromethane
Concen: 43.413 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Tgt Ion: 85 Resp: 62379
Ion Ratio Lower Upper
85 100
87 33.1 16.7 50.0





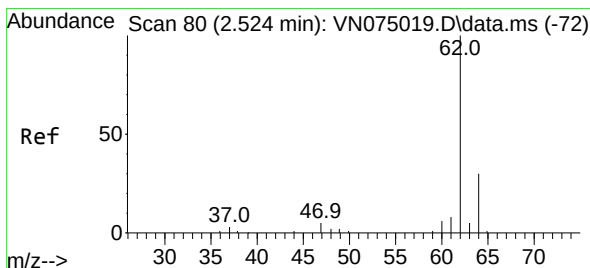
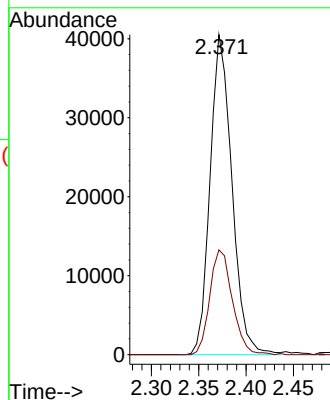
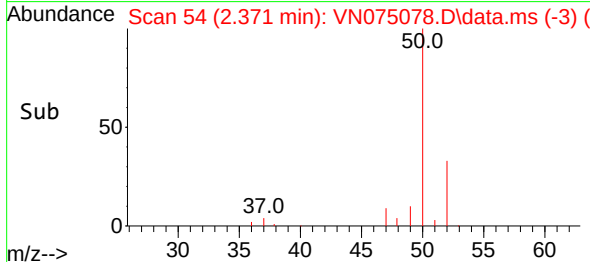
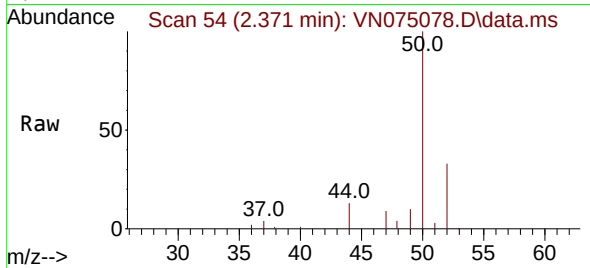
#3
Chloromethane
Concen: 42.544 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 6493
Ion Ratio Lower Upper
50 100
52 32.7 25.8 38.6

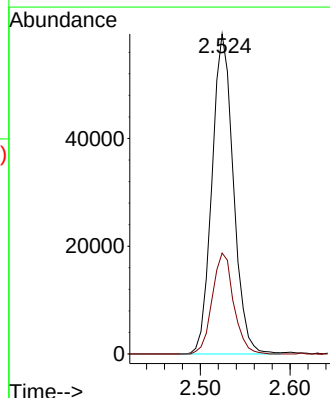
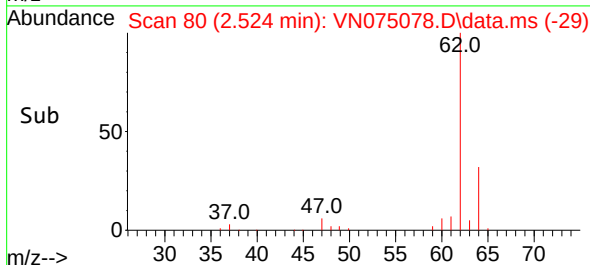
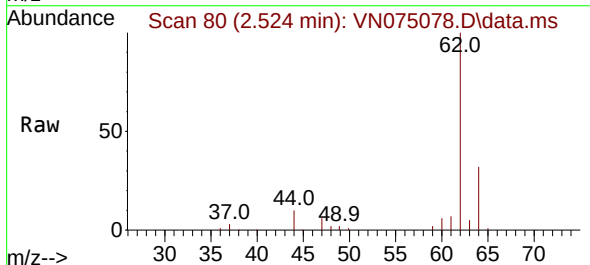
Manual Integrations
APPROVED

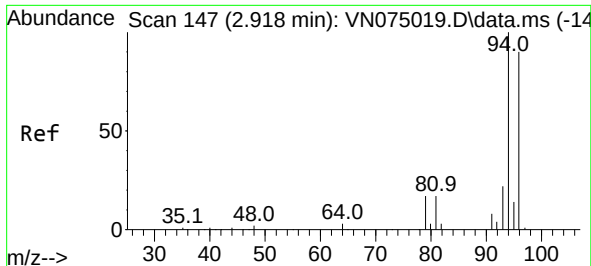
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#4
Vinyl Chloride
Concen: 45.257 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Tgt Ion: 62 Resp: 98537
Ion Ratio Lower Upper
62 100
64 31.5 24.0 36.0





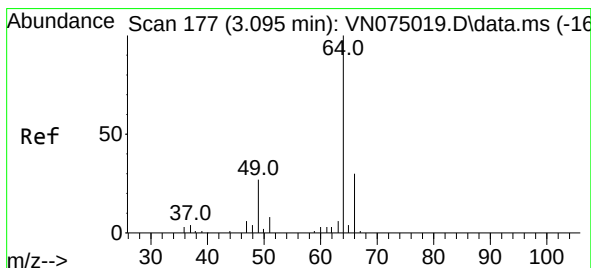
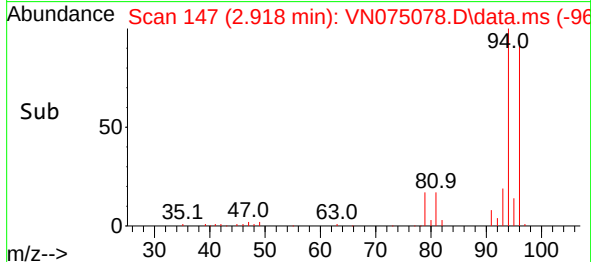
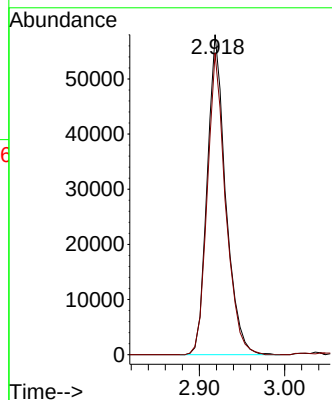
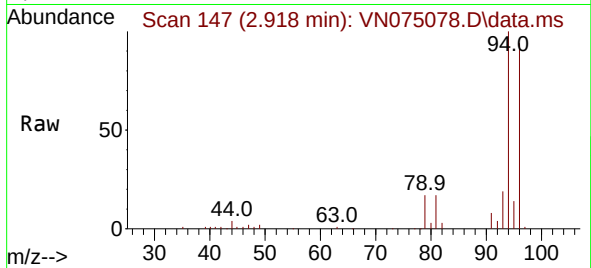
#5
Bromomethane
Concen: 56.715 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 8737
Ion Ratio Lower Upper
94 100
96 94.2 71.8 107.6

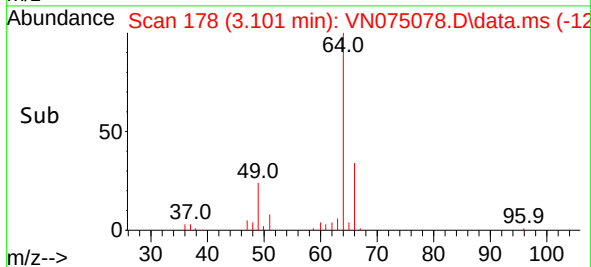
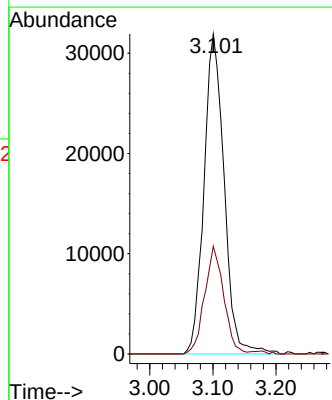
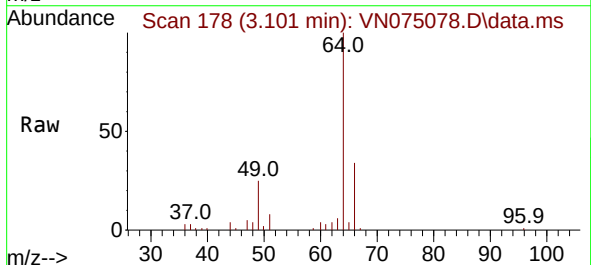
Manual Integrations
APPROVED

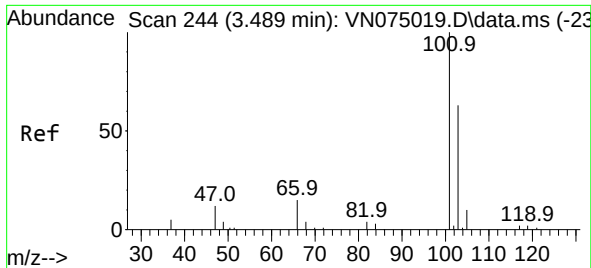
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#6
Chloroethane
Concen: 45.306 ug/l
RT: 3.101 min Scan# 178
Delta R.T. 0.006 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

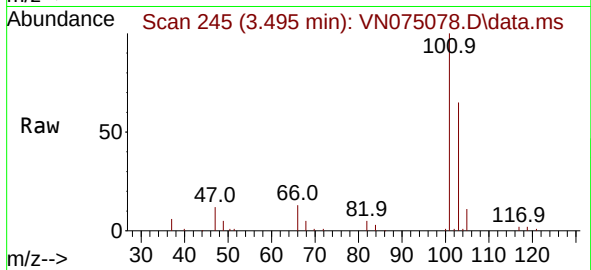
Tgt Ion: 64 Resp: 70735
Ion Ratio Lower Upper
64 100
66 33.7 23.8 35.8





#7
Trichlorofluoromethane
Concen: 48.859 ug/l
RT: 3.495 min Scan# 244
Delta R.T. 0.006 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

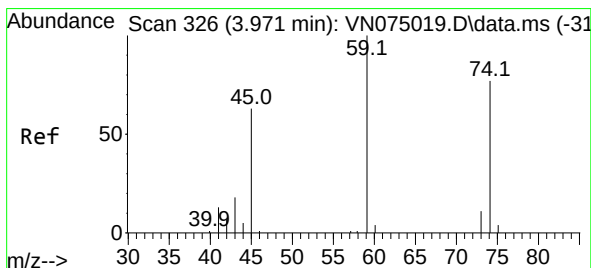
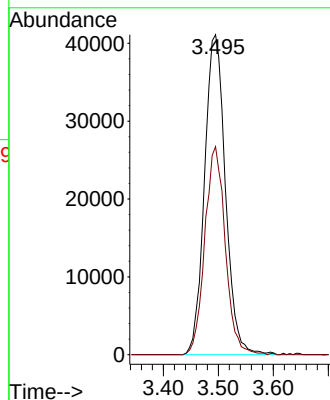
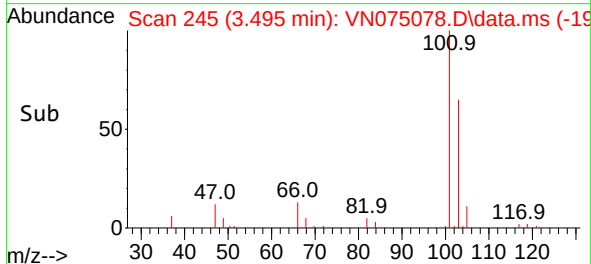
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 10867
Ion Ratio Lower Upper
101 100
103 65.0 50.5 75.7

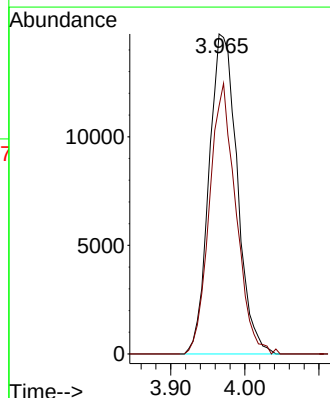
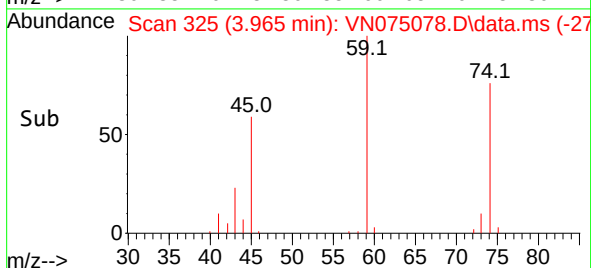
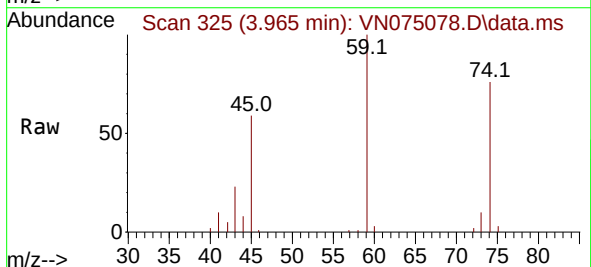
Manual Integrations
APPROVED

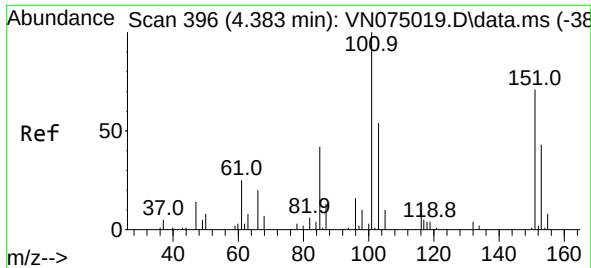
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#8
Diethyl Ether
Concen: 47.933 ug/l
RT: 3.965 min Scan# 325
Delta R.T. -0.006 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Tgt Ion: 74 Resp: 38886
Ion Ratio Lower Upper
74 100
45 79.6 39.3 117.9





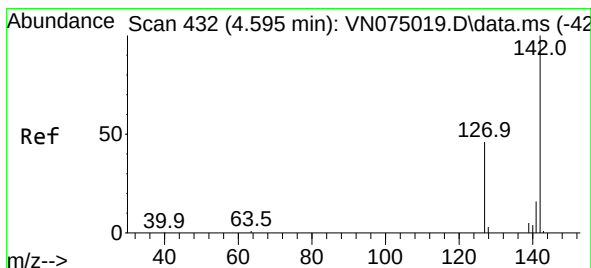
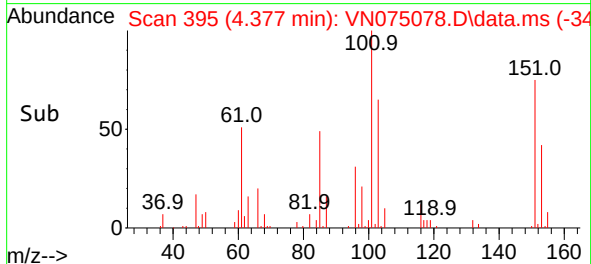
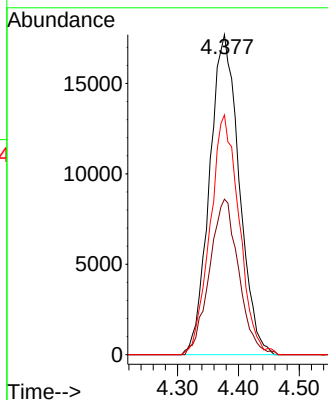
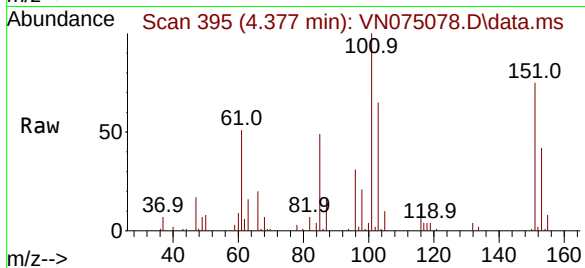
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.674 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 5978
Ion Ratio Lower Upper
101 100
85 47.8 37.6 56.4
151 73.4 58.3 87.5

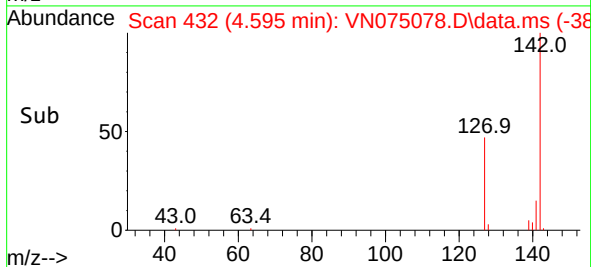
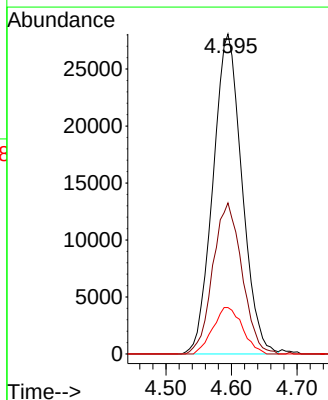
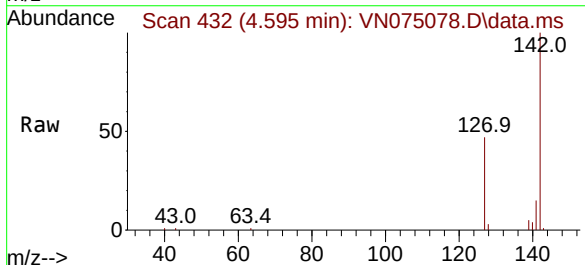
Manual Integrations
APPROVED

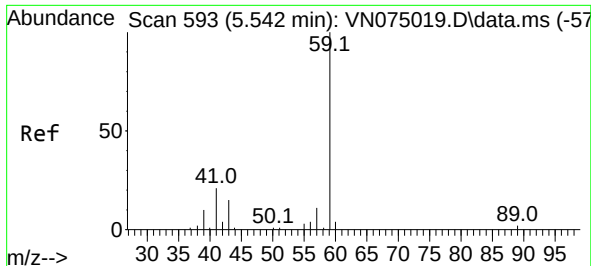
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#10
Methyl Iodide
Concen: 47.027 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Tgt Ion:142 Resp: 85996
Ion Ratio Lower Upper
142 100
127 47.5 38.0 57.0
141 14.8 12.2 18.4





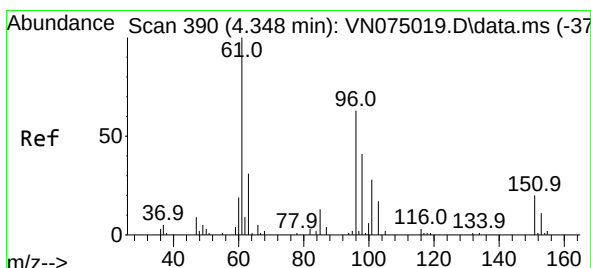
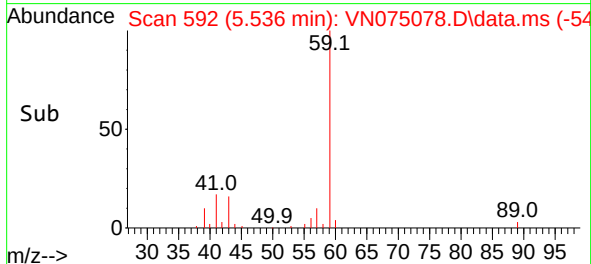
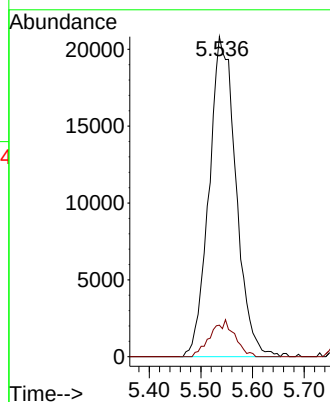
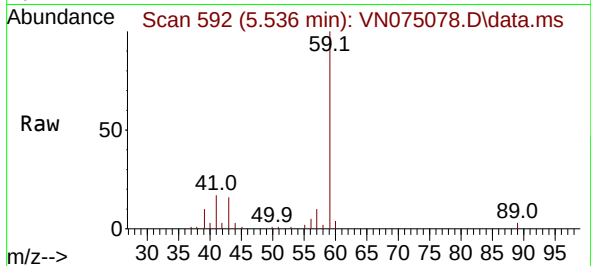
#11
Tert butyl alcohol
Concen: 217.136 ug/l
RT: 5.536 min Scan# 59
Delta R.T. -0.006 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 75359
Ion Ratio Lower Upper
59 100
57 5.6 8.5 12.7

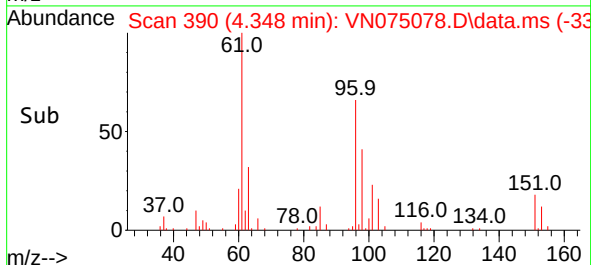
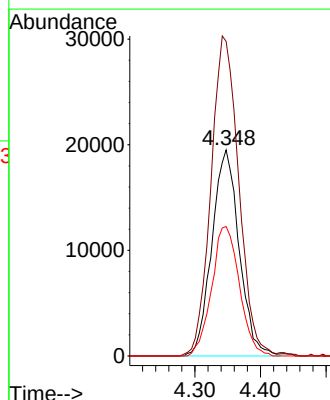
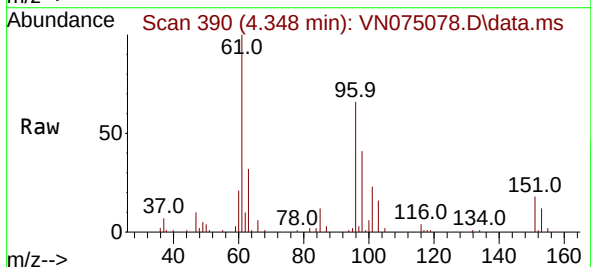
Manual Integrations
APPROVED

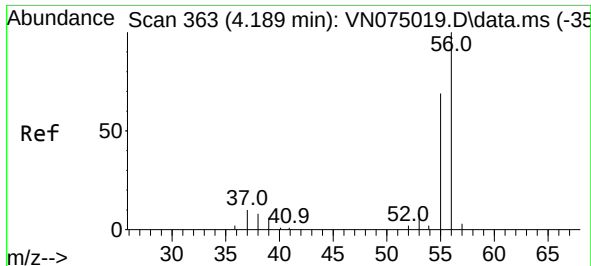
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#12
1,1-Dichloroethene
Concen: 48.112 ug/l
RT: 4.348 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

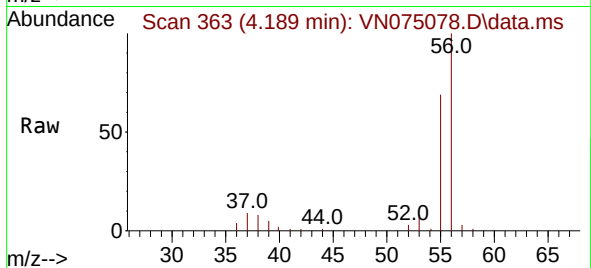
Tgt Ion: 96 Resp: 56331
Ion Ratio Lower Upper
96 100
61 152.7 126.2 189.4
98 62.8 51.5 77.3





#13
Acrolein
Concen: 241.317 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

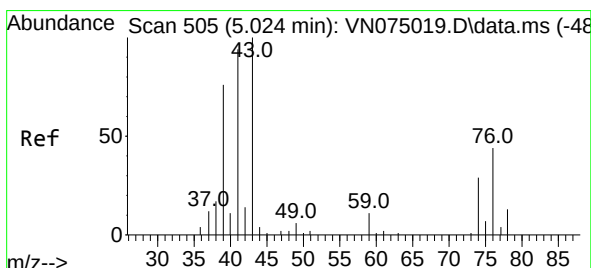
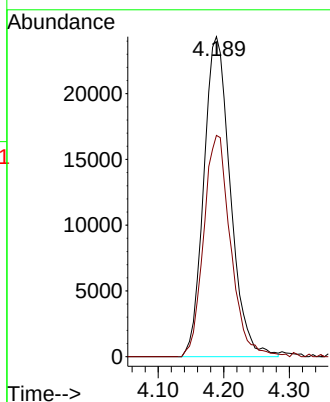
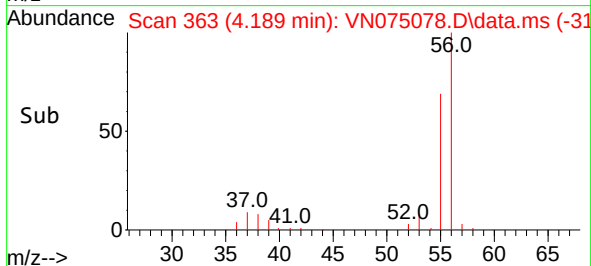
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 68504
Ion Ratio Lower Upper
56 100
55 70.0 55.2 82.8

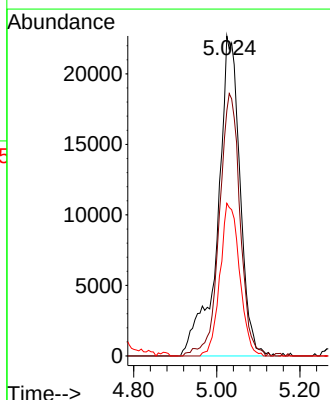
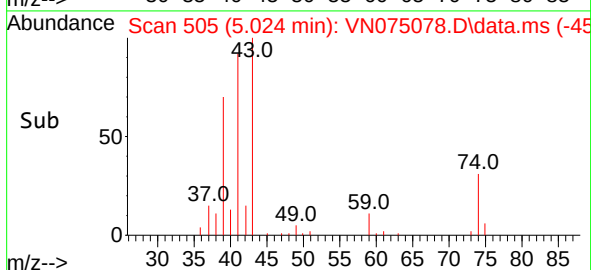
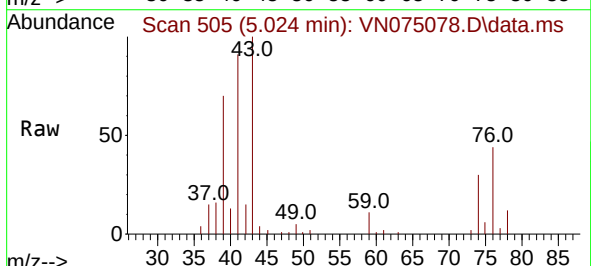
Manual Integrations
APPROVED

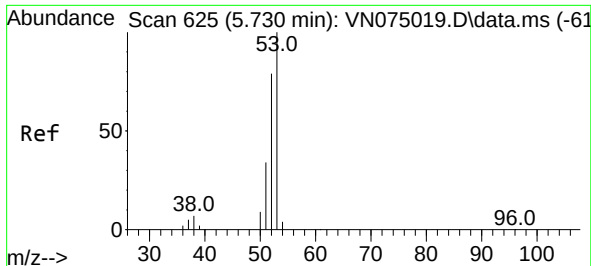
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#14
Allyl chloride
Concen: 49.475 ug/l
RT: 5.024 min Scan# 505
Delta R.T. 0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

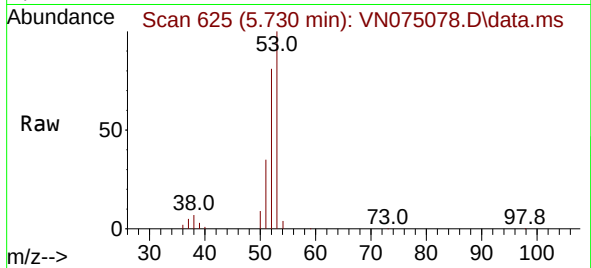
Tgt Ion: 41 Resp: 84602
Ion Ratio Lower Upper
41 100
39 75.9 61.0 91.4
76 41.8 33.4 50.0





#15
Acrylonitrile
Concen: 240.827 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

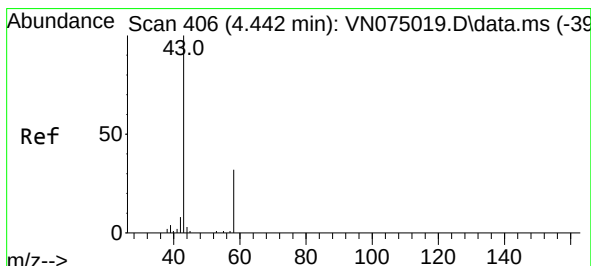
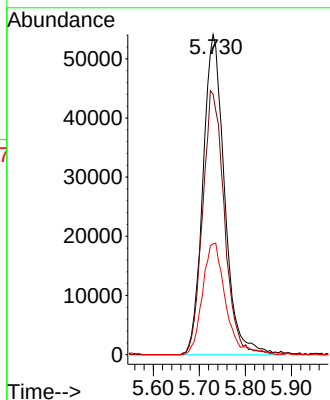
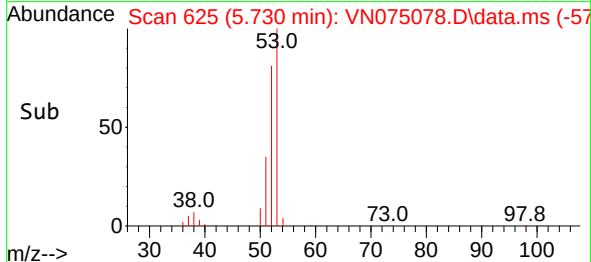
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 17655
Ion Ratio Lower Upper
53 100
52 83.0 66.4 99.6
51 37.2 29.6 44.4

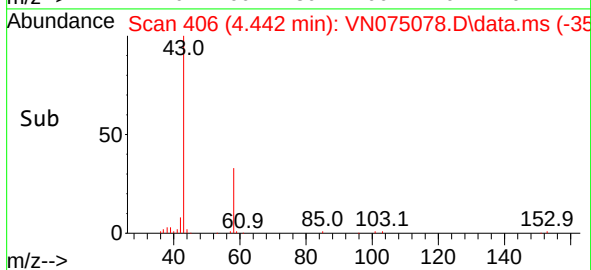
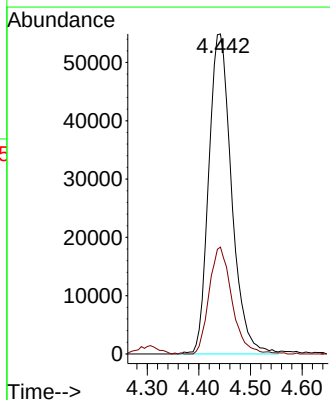
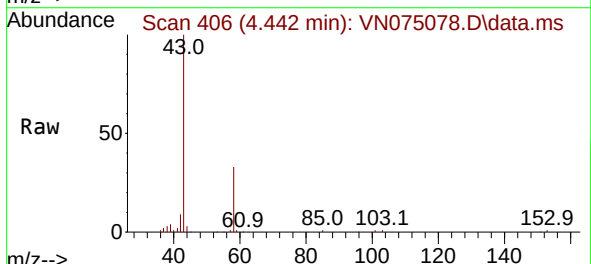
Manual Integrations
APPROVED

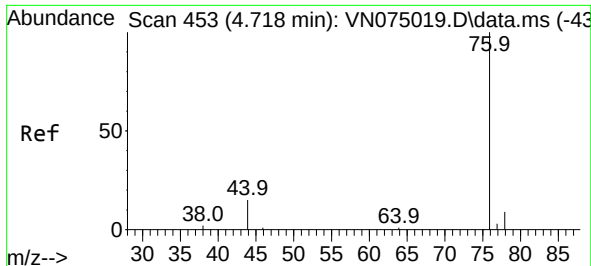
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#16
Acetone
Concen: 267.607 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Tgt Ion: 43 Resp: 168633
Ion Ratio Lower Upper
43 100
58 33.4 25.5 38.3





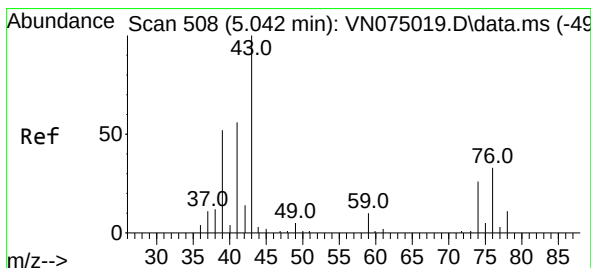
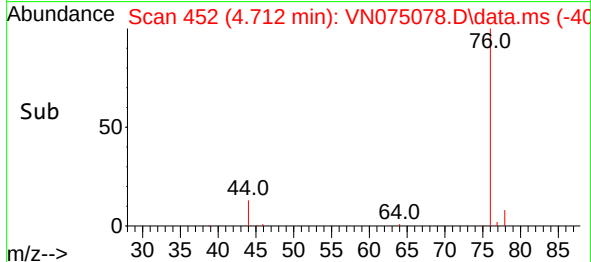
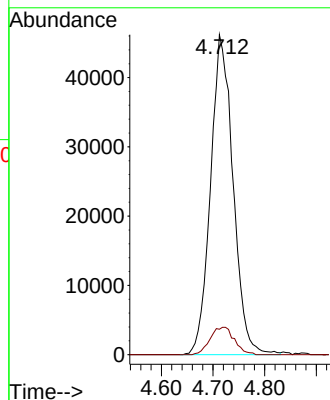
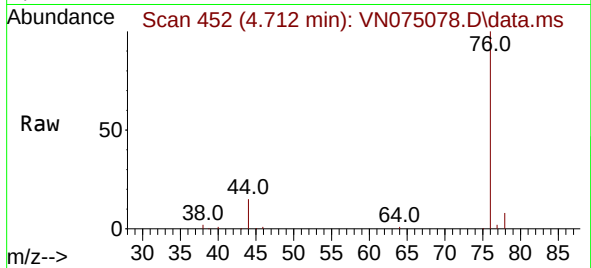
#17
Carbon Disulfide
Concen: 47.474 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 139780
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.2

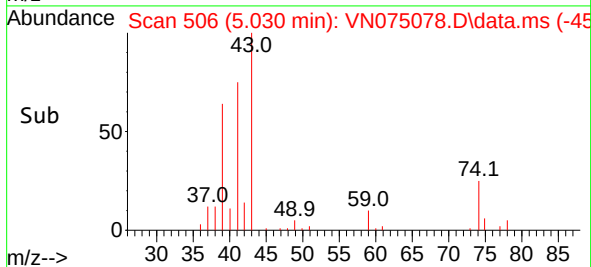
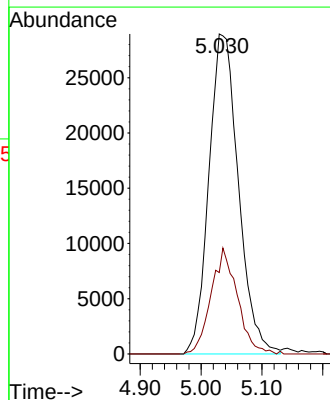
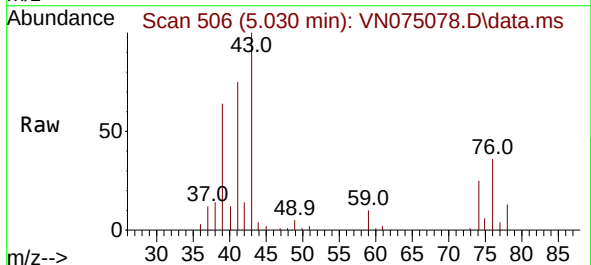
Manual Integrations
APPROVED

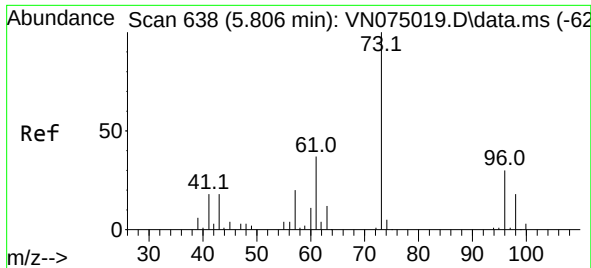
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#18
Methyl Acetate
Concen: 47.373 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.012 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Tgt Ion: 43 Resp: 97512
Ion Ratio Lower Upper
43 100
74 29.5 22.0 33.0





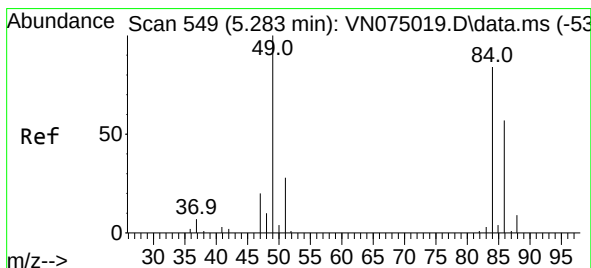
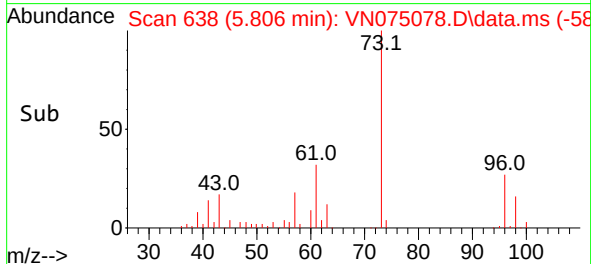
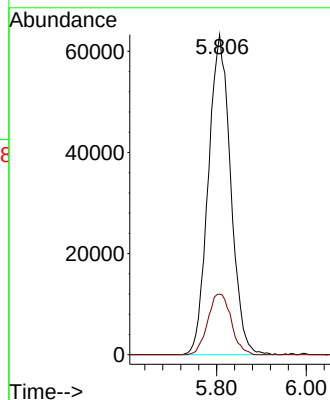
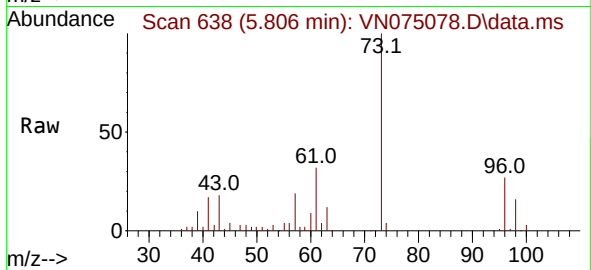
#19
Methyl tert-butyl Ether
Concen: 50.359 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 21914
Ion Ratio Lower Upper
73 100
57 19.0 16.3 24.5

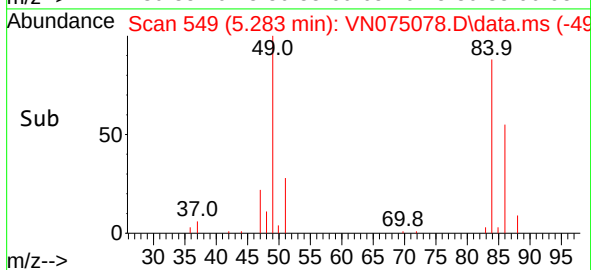
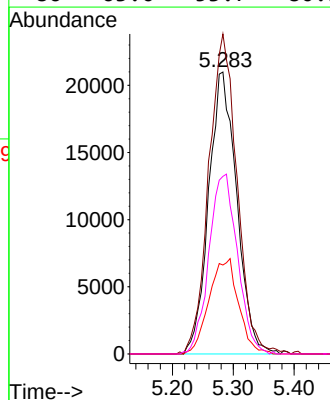
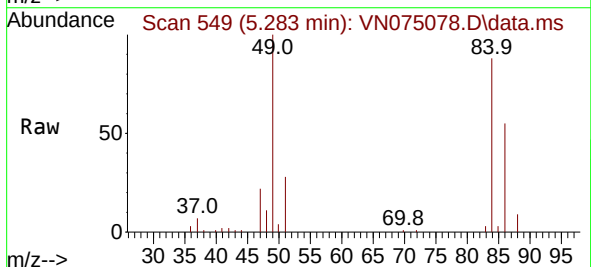
Manual Integrations
APPROVED

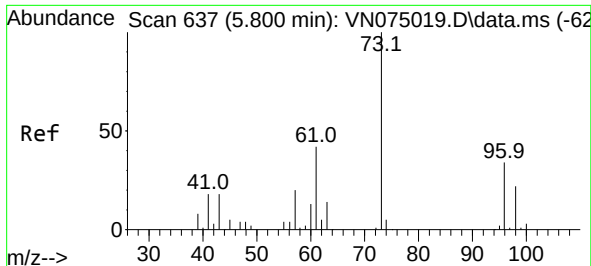
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#20
Methylene Chloride
Concen: 47.767 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Tgt Ion: 84 Resp: 67114
Ion Ratio Lower Upper
84 100
49 112.8 94.9 142.3
51 31.5 26.8 40.2
86 63.0 53.7 80.5





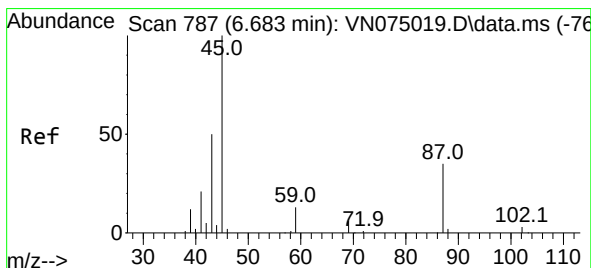
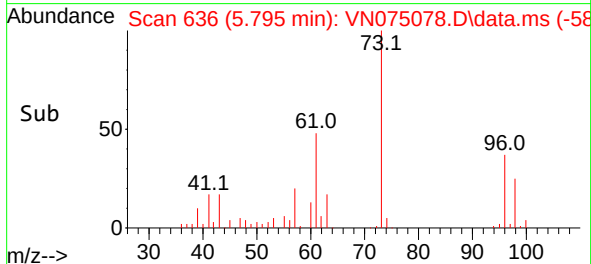
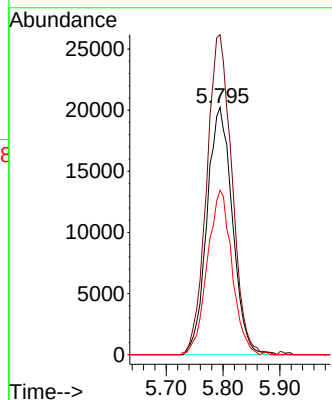
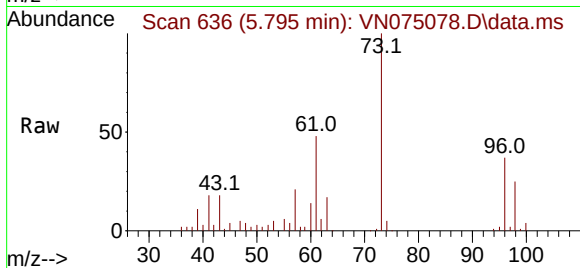
#21
trans-1,2-Dichloroethene
Concen: 49.011 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 62830
Ion Ratio Lower Upper
96 100
61 129.4 99.9 149.9
98 66.4 51.5 77.3

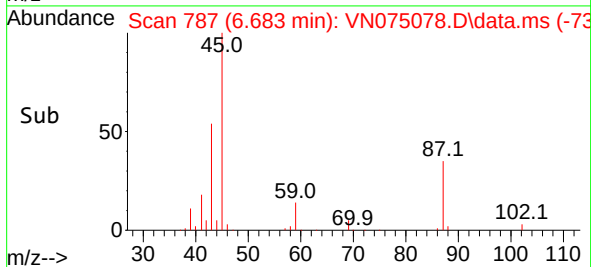
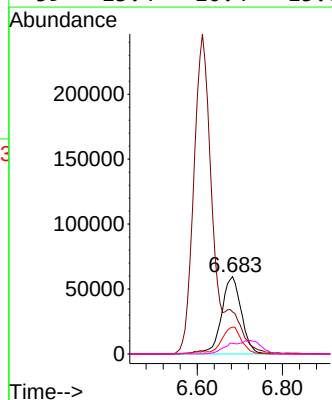
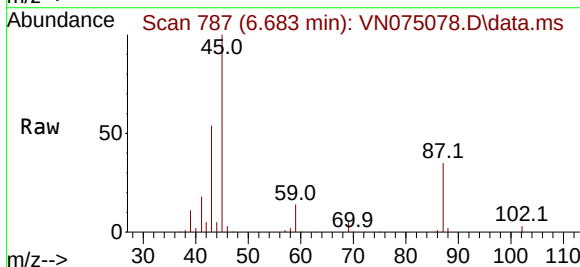
Manual Integrations
APPROVED

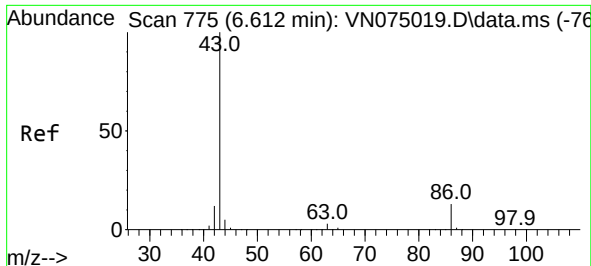
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#22
Diisopropyl ether
Concen: 51.044 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Tgt Ion: 45 Resp: 192626
Ion Ratio Lower Upper
45 100
43 53.1 42.8 64.2
87 34.8 28.4 42.6
59 13.4 10.4 15.6





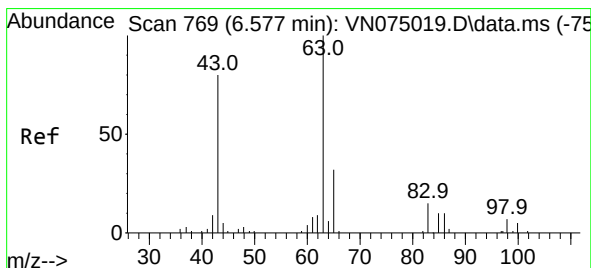
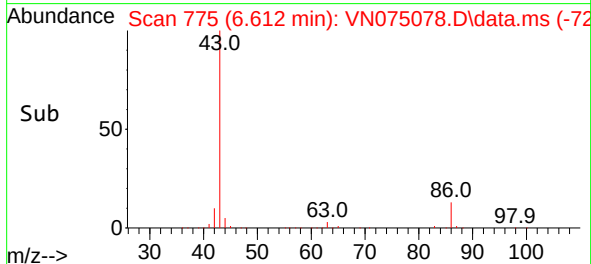
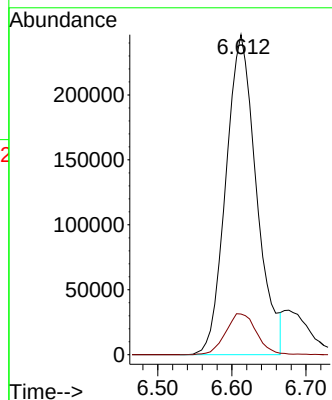
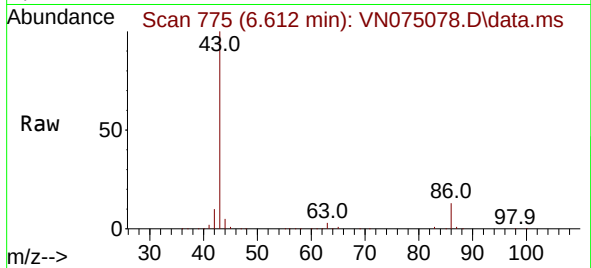
#23
 Vinyl Acetate
 Concen: 223.927 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075078.D
 Acq: 31 Oct 2022 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 705640
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.7 16.1

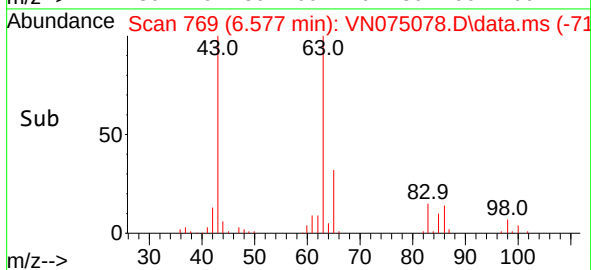
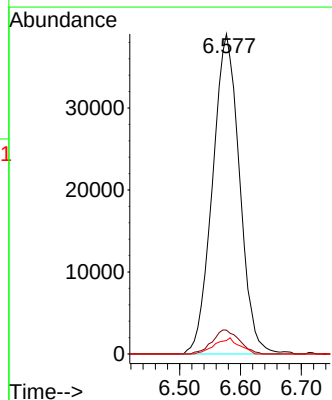
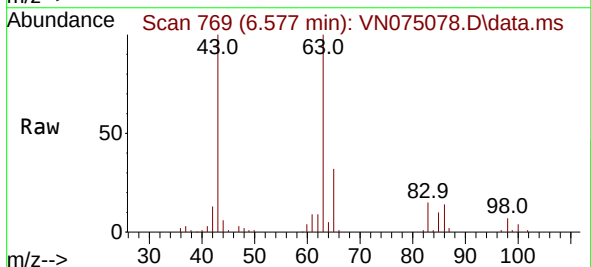
Manual Integrations
 APPROVED

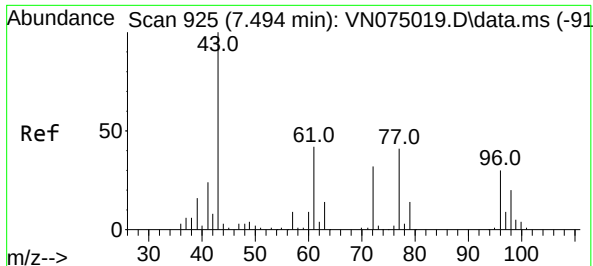
Reviewed By :John Carlone 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022



#24
 1,1-Dichloroethane
 Concen: 50.310 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075078.D
 Acq: 31 Oct 2022 11:15

Tgt Ion: 63 Resp: 120074
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 4.2 2.4 7.2





#25

2-Butanone

Concen: 245.938 ug/l

RT: 7.489 min Scan# 91

Delta R.T. -0.005 min

Lab File: VN075078.D

Acq: 31 Oct 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 24376

Ion Ratio Lower Upper

43 100

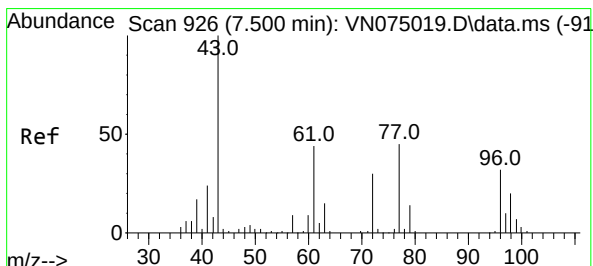
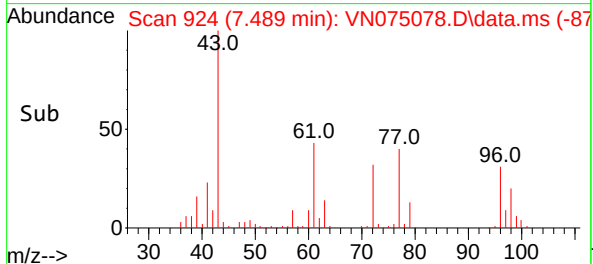
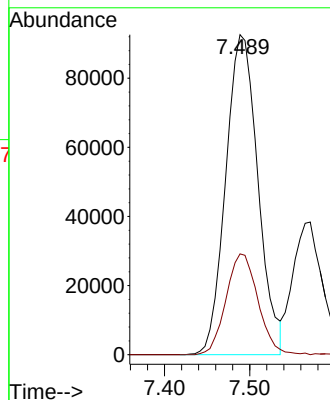
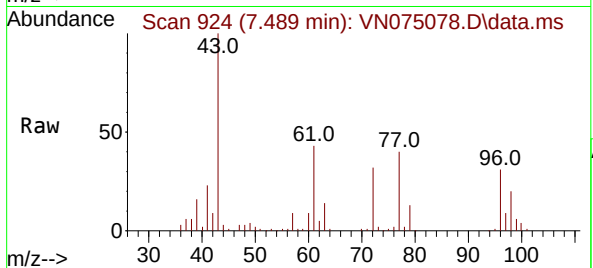
72 31.5 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#26

2,2-Dichloropropane

Concen: 52.230 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.006 min

Lab File: VN075078.D

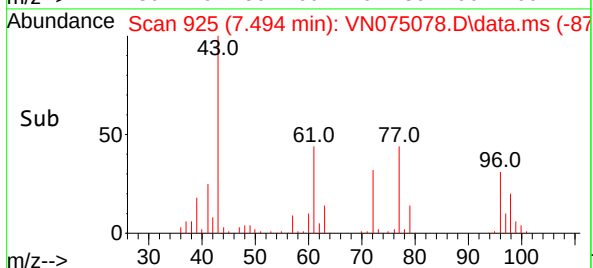
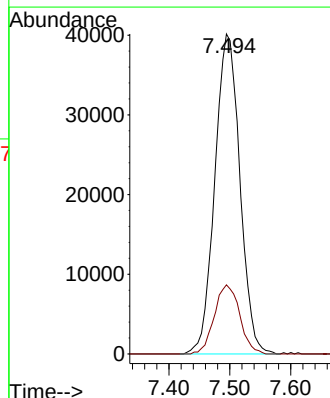
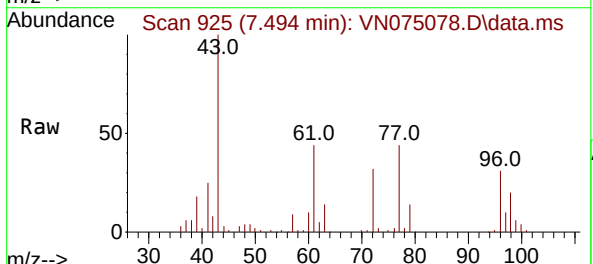
Acq: 31 Oct 2022 11:15

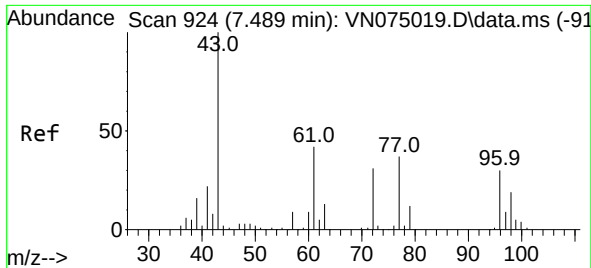
Tgt Ion: 77 Resp: 114677

Ion Ratio Lower Upper

77 100

97 21.8 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 50.286 ug/l

RT: 7.489 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075078.D

Acq: 31 Oct 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

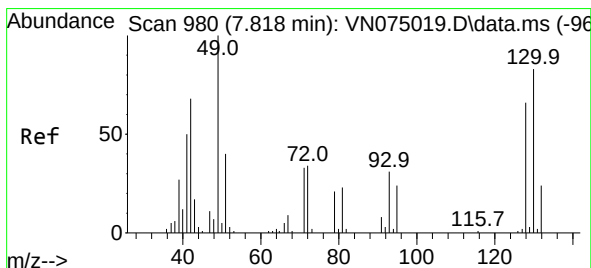
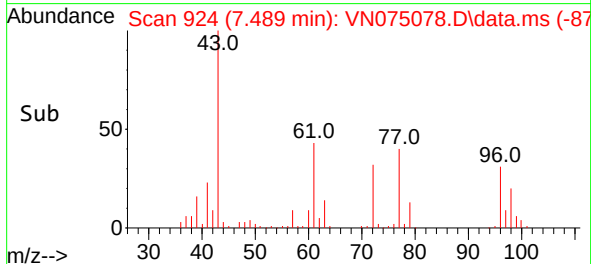
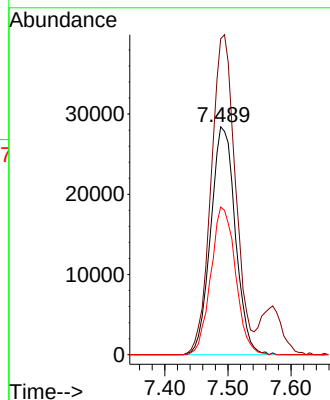
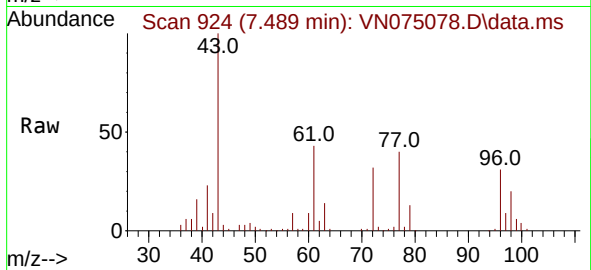
Tgt Ion:	96	Resp:	76984
Ion Ratio	Lower	Upper	
96	100		
61	138.7	0.0	278.8
98	64.8	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#28

Bromochloromethane

Concen: 51.883 ug/l

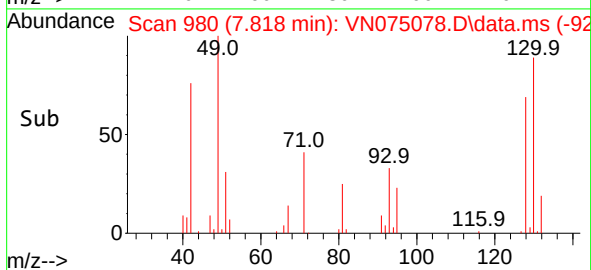
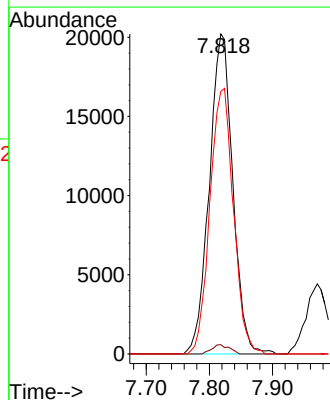
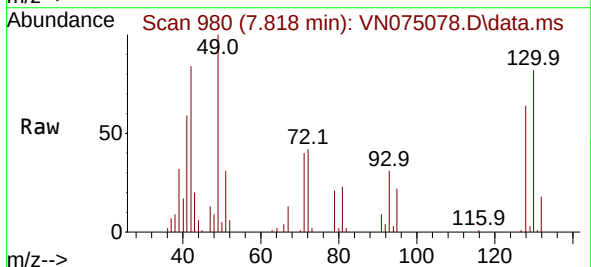
RT: 7.818 min Scan# 980

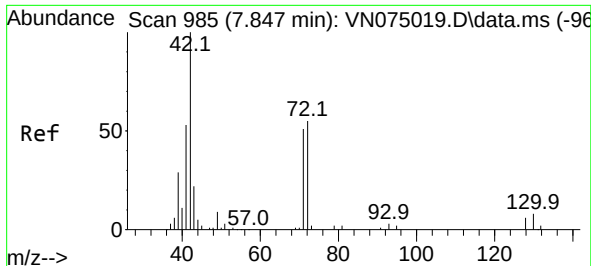
Delta R.T. -0.000 min

Lab File: VN075078.D

Acq: 31 Oct 2022 11:15

Tgt Ion:	49	Resp:	52199
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	4.6
130	83.2	66.2	99.4





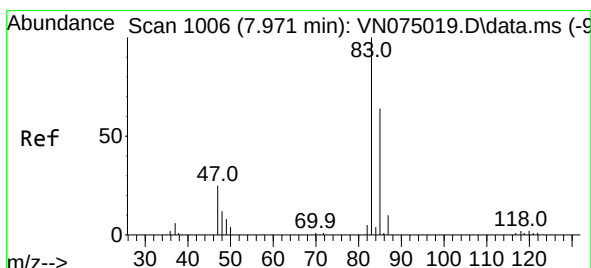
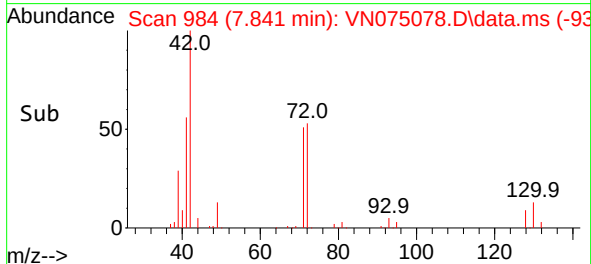
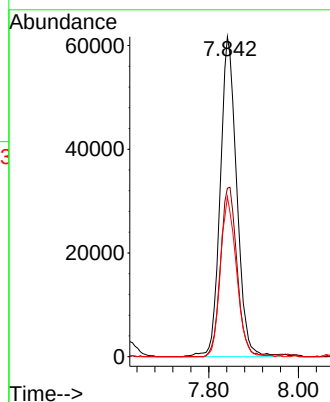
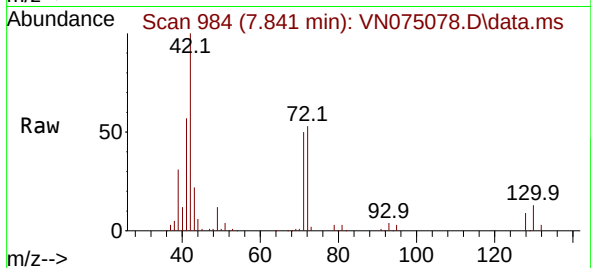
#29
Tetrahydrofuran
Concen: 247.052 ug/l
RT: 7.841 min Scan# 985
Delta R.T. -0.006 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 15823
Ion Ratio Lower Upper
42 100
72 53.0 43.0 64.6
71 48.8 39.9 59.9

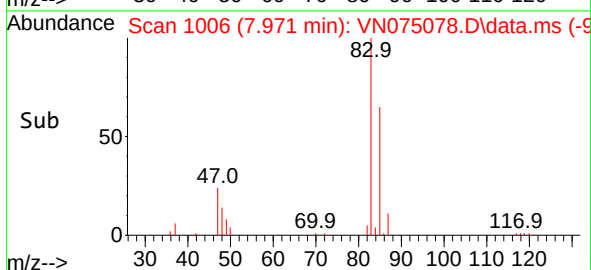
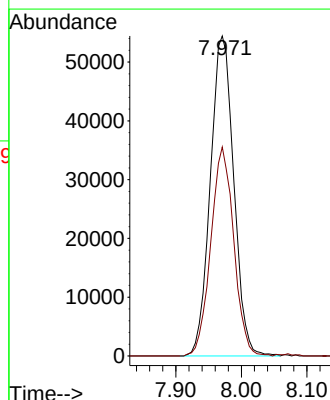
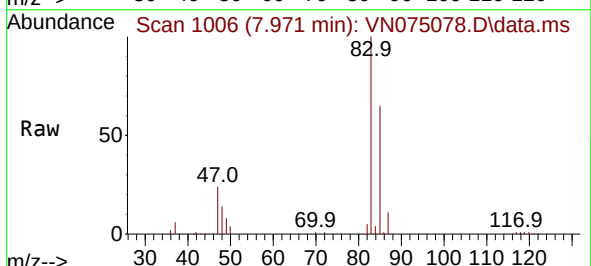
Manual Integrations
APPROVED

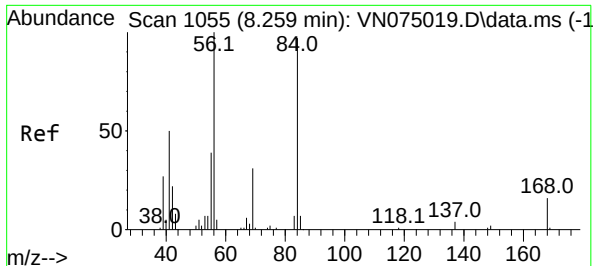
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#30
Chloroform
Concen: 52.102 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Tgt Ion: 83 Resp: 135012
Ion Ratio Lower Upper
83 100
85 65.3 51.4 77.0





#31

Cyclohexane

Concen: 48.052 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN075078.D

Acq: 31 Oct 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 10635

Ion Ratio Lower Upper

56 100

69 32.2 25.2 37.8

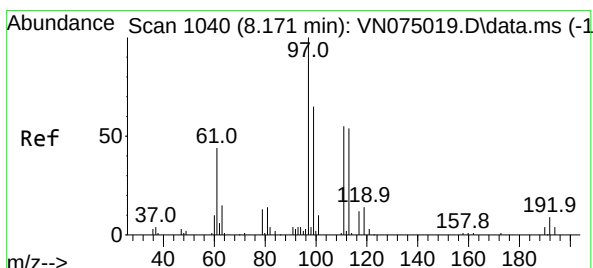
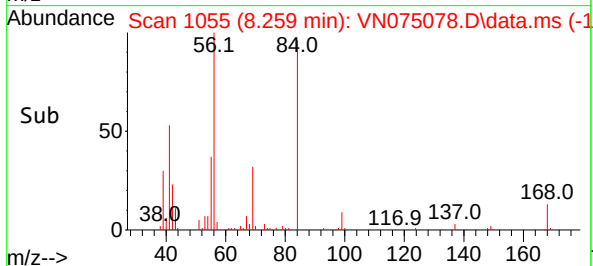
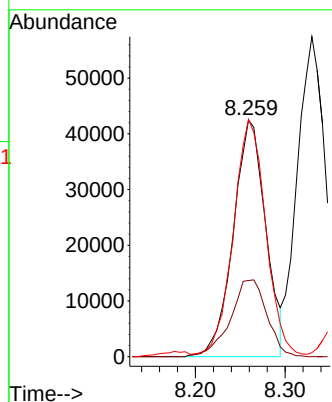
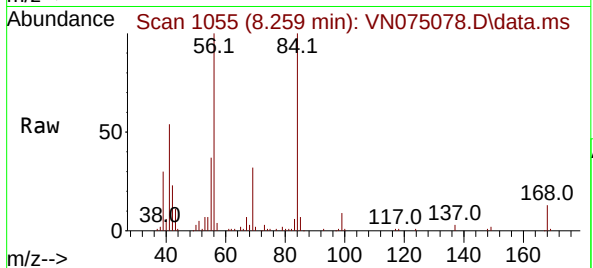
84 98.5 77.8 116.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#32

1,1,1-Trichloroethane

Concen: 52.853 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075078.D

Acq: 31 Oct 2022 11:15

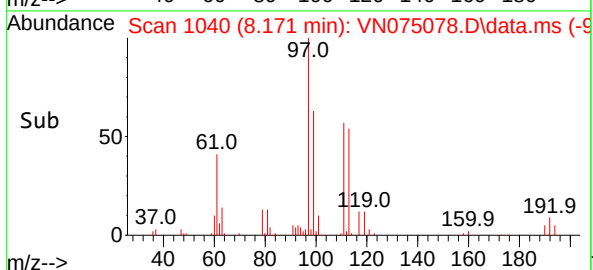
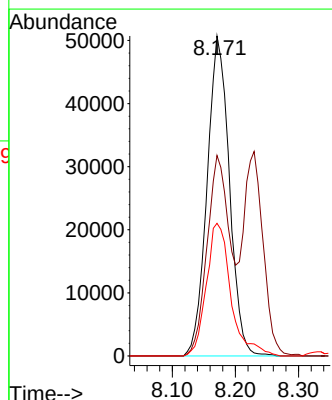
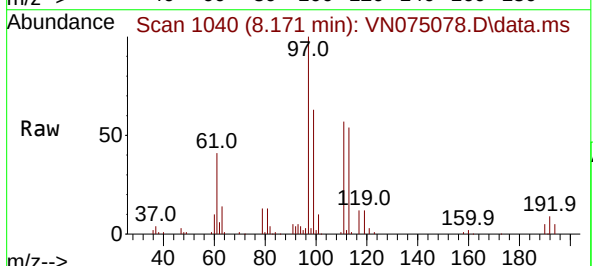
Tgt Ion: 97 Resp: 124373

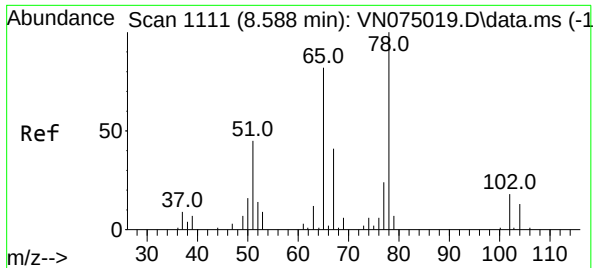
Ion Ratio Lower Upper

97 100

99 63.2 50.2 75.2

61 45.6 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 53.488 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075078.D

Acq: 31 Oct 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 7960

Ion Ratio Lower Upper

65 100

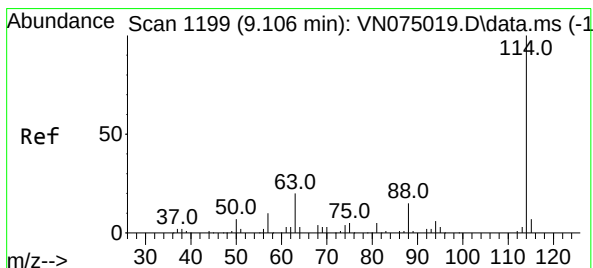
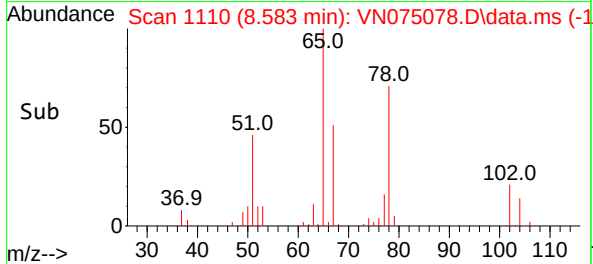
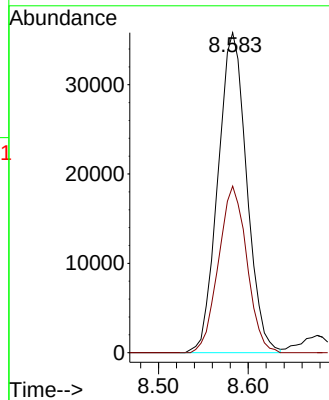
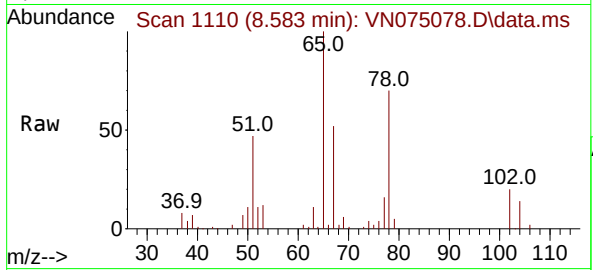
67 51.3 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN075078.D

Acq: 31 Oct 2022 11:15

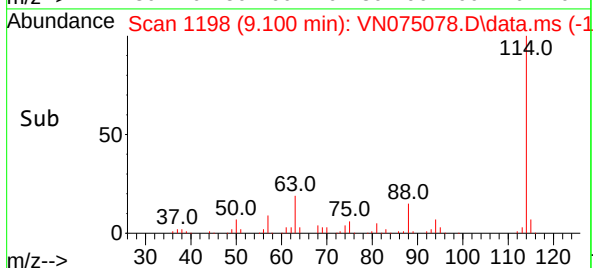
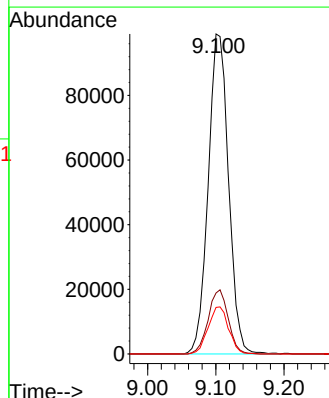
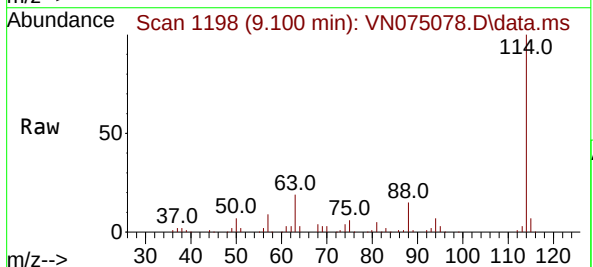
Tgt Ion:114 Resp: 205567

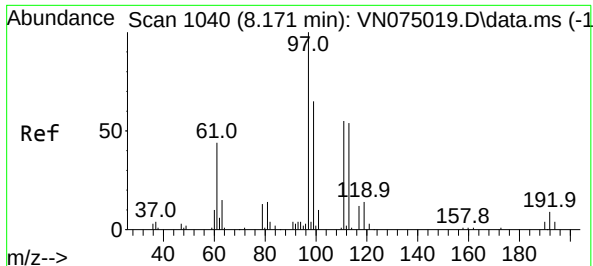
Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.541 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075078.D

Acq: 31 Oct 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 6461

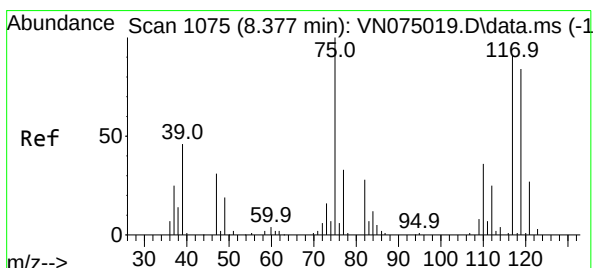
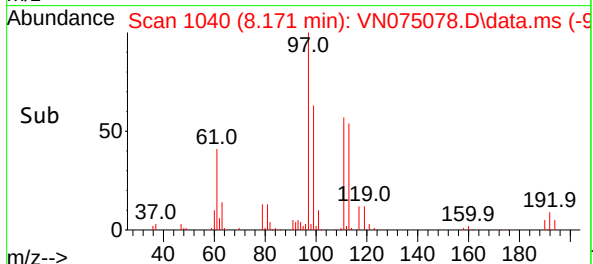
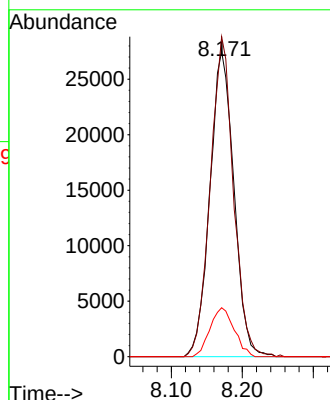
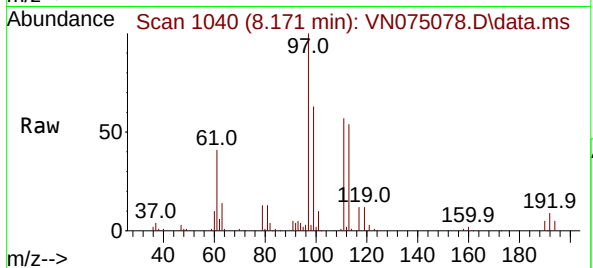
Ion	Ratio	Lower	Upper
113	100		
111	101.1	80.5	120.7
192	16.1	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#36

1,1-Dichloropropene

Concen: 52.090 ug/l

RT: 8.377 min Scan# 1075

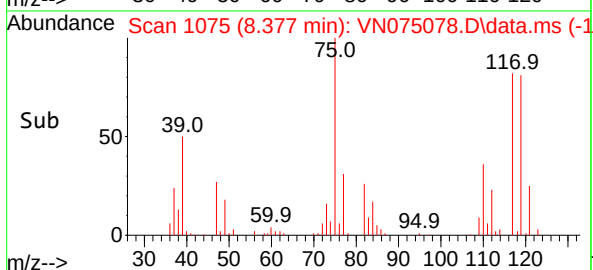
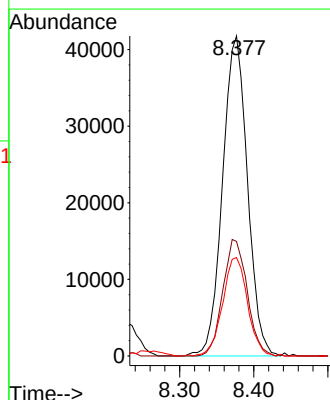
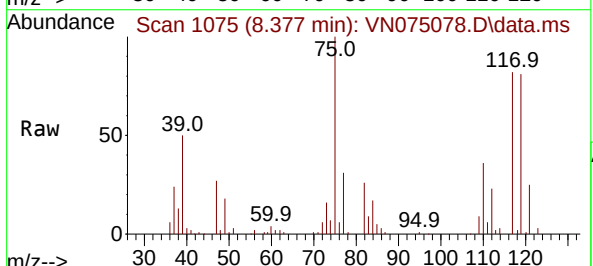
Delta R.T. -0.000 min

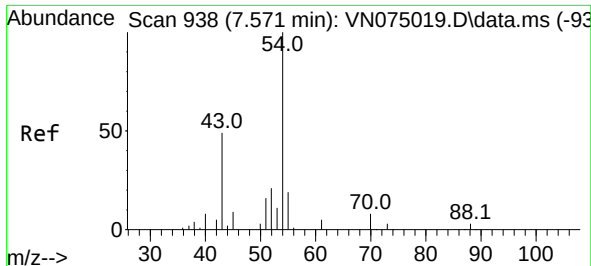
Lab File: VN075078.D

Acq: 31 Oct 2022 11:15

Tgt Ion: 75 Resp: 97320

Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.8	53.3
77	30.9	24.6	37.0





#37

Ethyl Acetate

Concen: 47.383 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075078.D

Acq: 31 Oct 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 97085

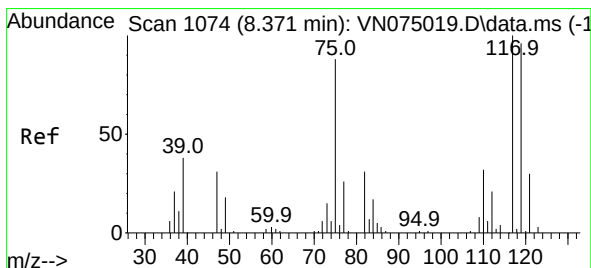
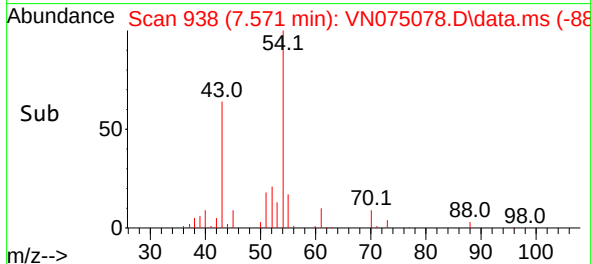
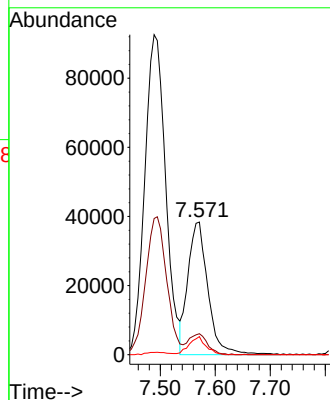
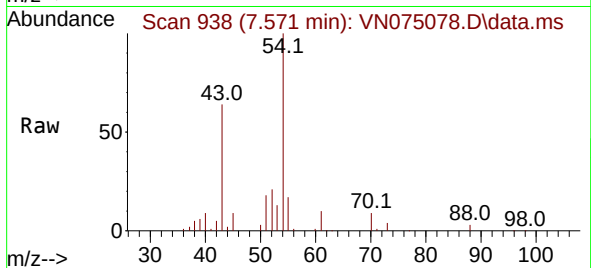
Ion	Ratio	Lower	Upper
43	100		
61	14.9	12.2	18.4
70	11.4	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#38

Carbon Tetrachloride

Concen: 51.490 ug/l

RT: 8.365 min Scan# 1073

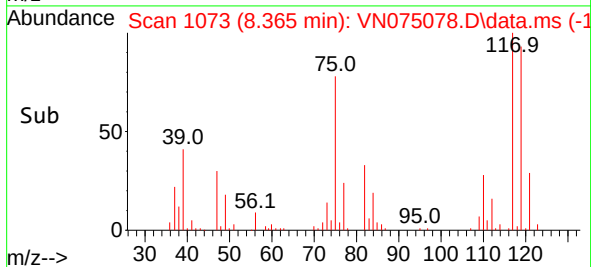
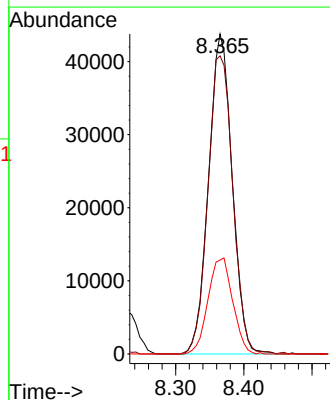
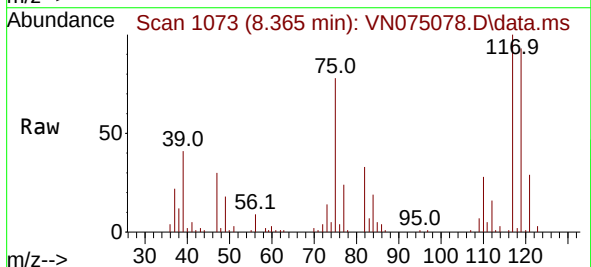
Delta R.T. -0.006 min

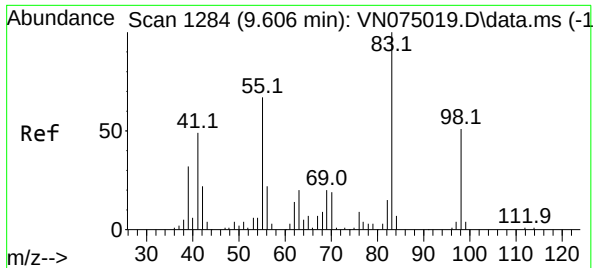
Lab File: VN075078.D

Acq: 31 Oct 2022 11:15

Tgt Ion:117 Resp: 105820

Ion	Ratio	Lower	Upper
117	100		
119	93.2	76.7	115.1
121	29.3	23.9	35.9





#39

Methylcyclohexane

Concen: 51.606 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075078.D

Acq: 31 Oct 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 127284

Ion Ratio Lower Upper

83 100

55 63.8 53.6 80.4

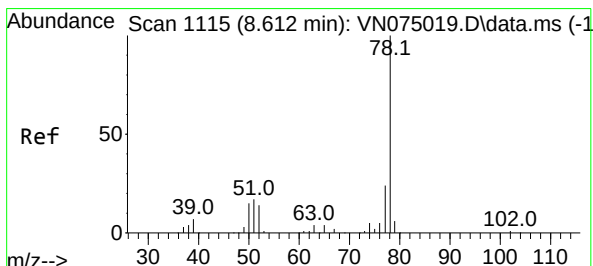
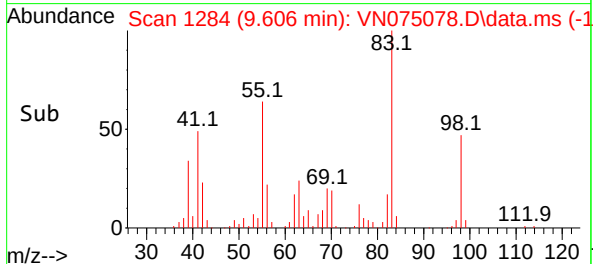
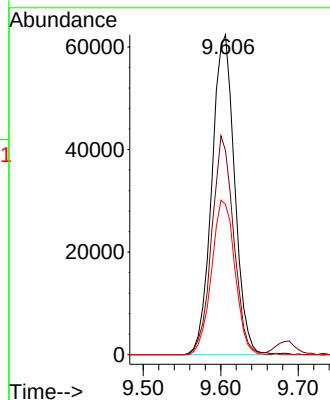
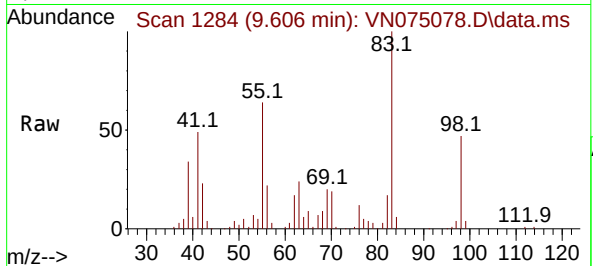
98 46.9 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#40

Benzene

Concen: 51.276 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075078.D

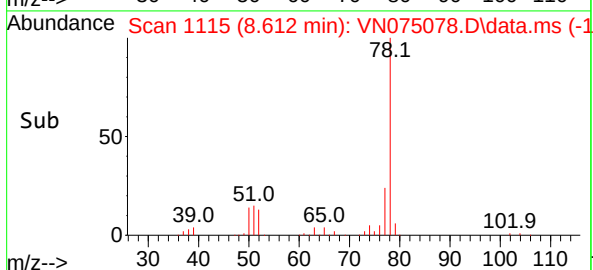
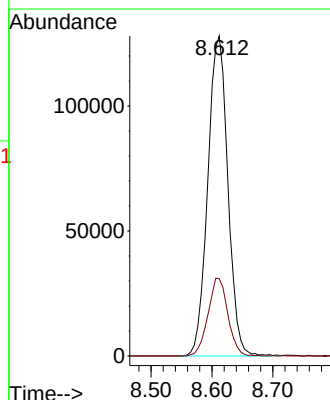
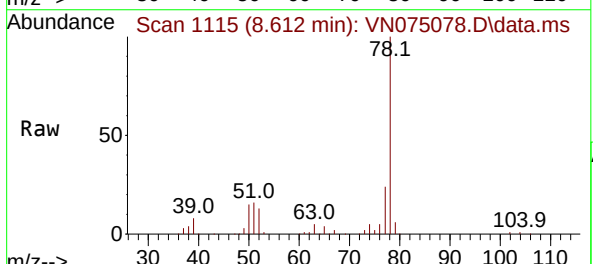
Acq: 31 Oct 2022 11:15

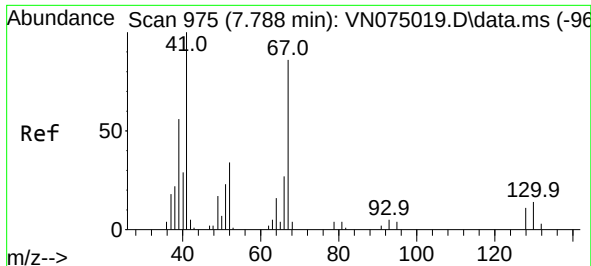
Tgt Ion: 78 Resp: 293326

Ion Ratio Lower Upper

78 100

77 24.1 19.4 29.0





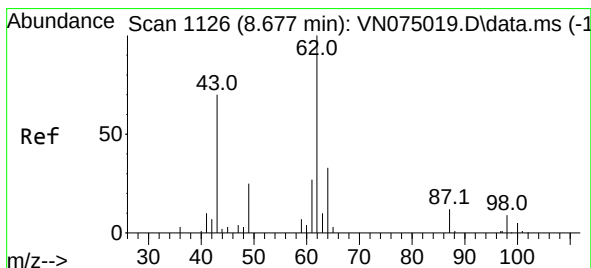
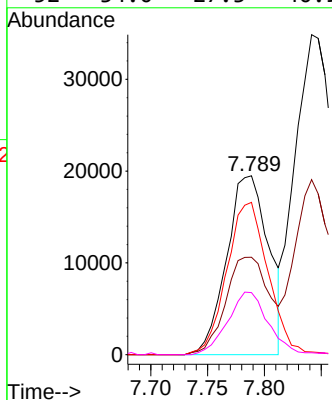
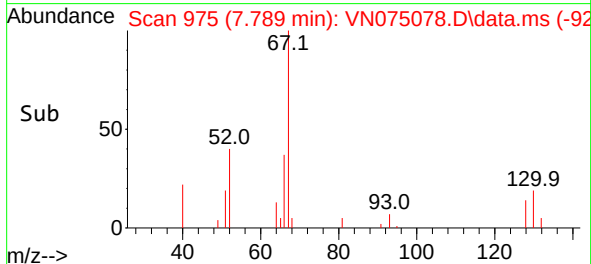
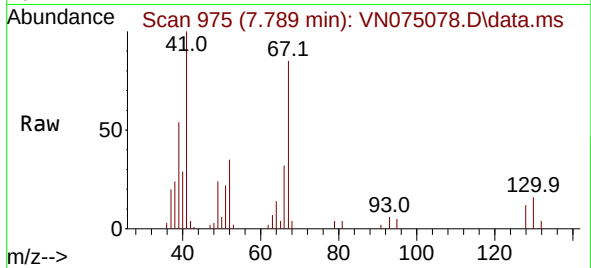
#41
Methacrylonitrile
Concen: 51.003 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.001 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41	Resp: 5006
Ion Ratio	Lower Upper
41	100
39	56.6 44.4 66.6
67	83.9 69.8 104.6
52	34.0 27.3 40.9

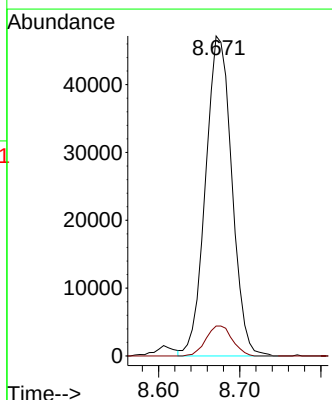
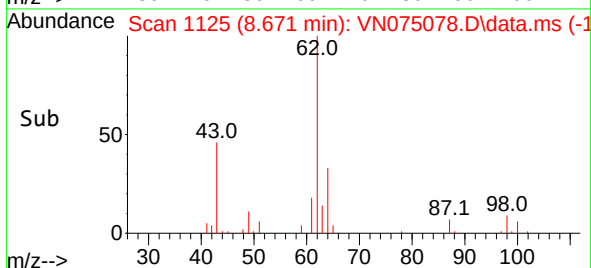
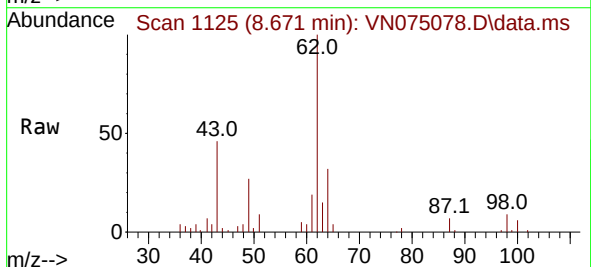
Manual Integrations
APPROVED

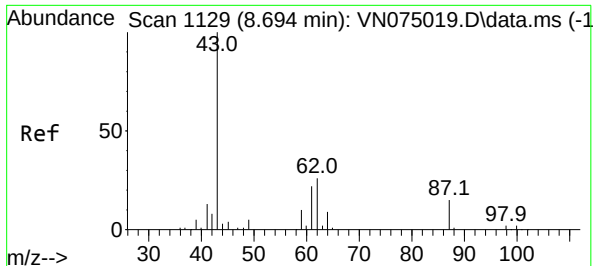
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#42
1,2-Dichloroethane
Concen: 51.004 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Tgt Ion: 62	Resp: 106151
Ion Ratio	Lower Upper
62	100
98	9.4 0.0 18.2





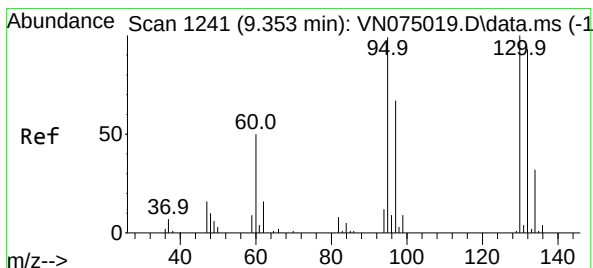
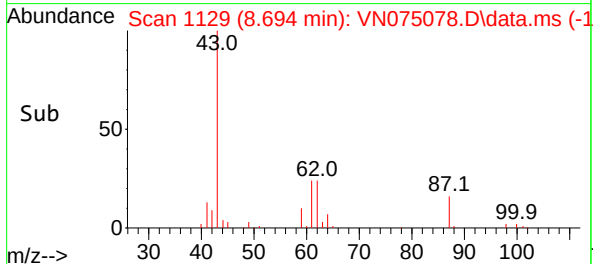
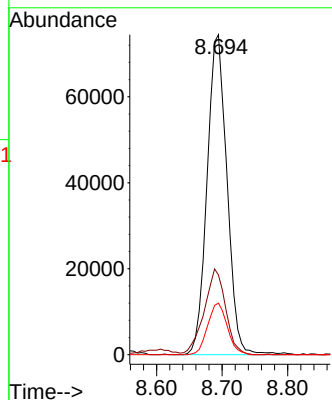
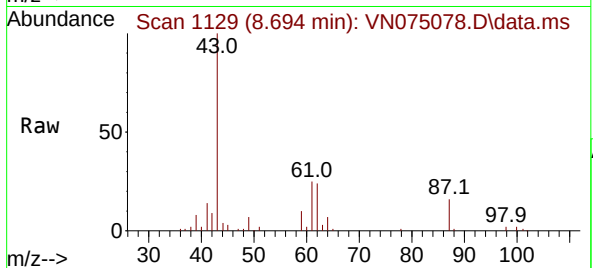
#43
Isopropyl Acetate
Concen: 49.427 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 157089
Ion Ratio Lower Upper
43 100
61 28.8 22.4 33.6
87 15.9 12.5 18.7

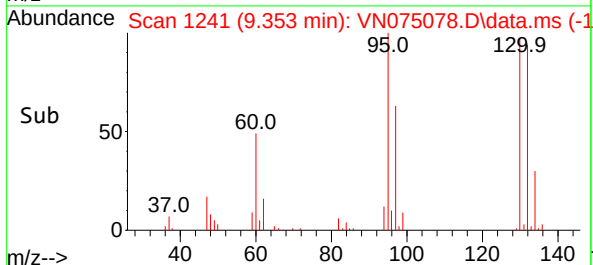
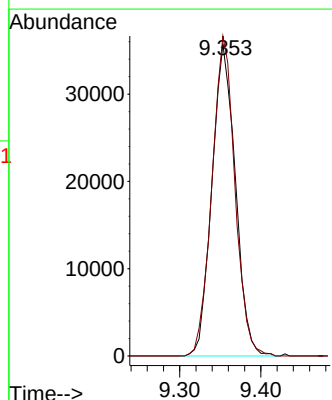
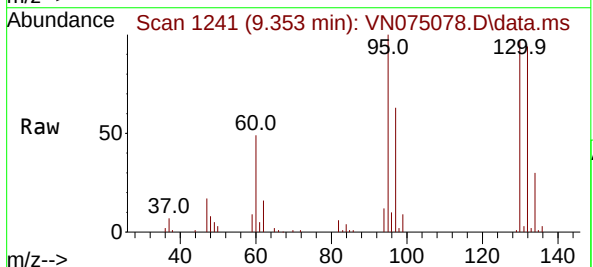
Manual Integrations
APPROVED

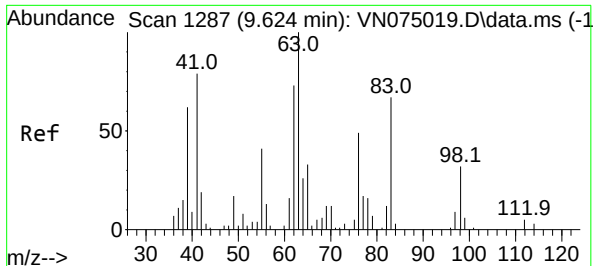
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#44
Trichloroethene
Concen: 49.852 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Tgt Ion:130 Resp: 71548
Ion Ratio Lower Upper
130 100
95 102.7 0.0 198.4





#45

1,2-Dichloropropane

Concen: 52.106 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075078.D

Acq: 31 Oct 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 70930

Ion Ratio Lower Upper

63 100

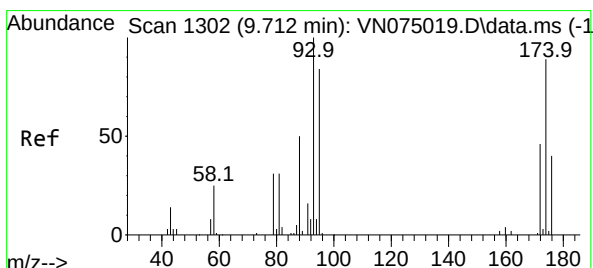
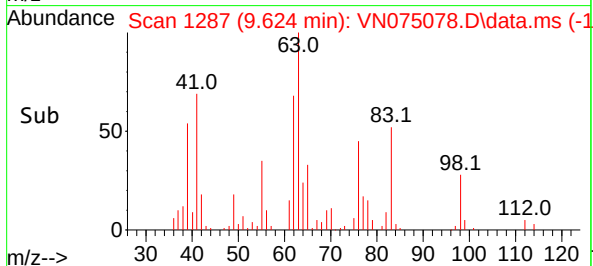
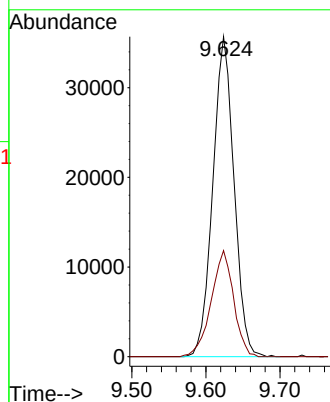
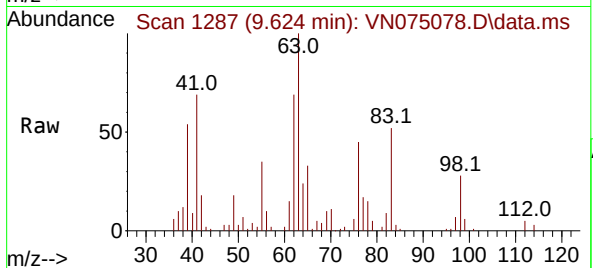
65 33.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#46

Dibromomethane

Concen: 52.196 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075078.D

Acq: 31 Oct 2022 11:15

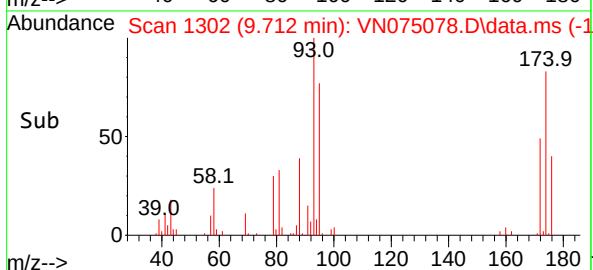
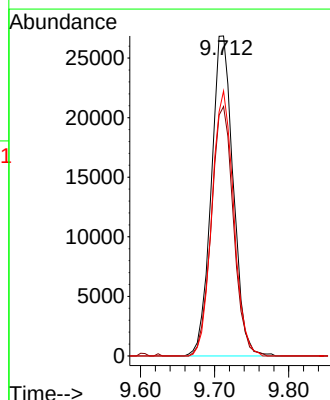
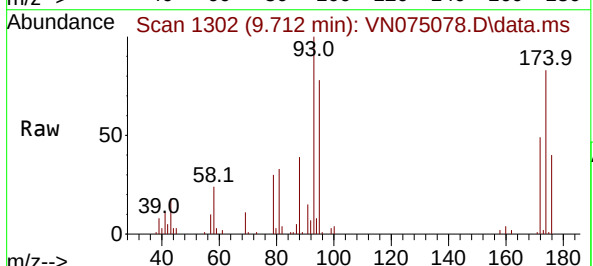
Tgt Ion: 93 Resp: 55360

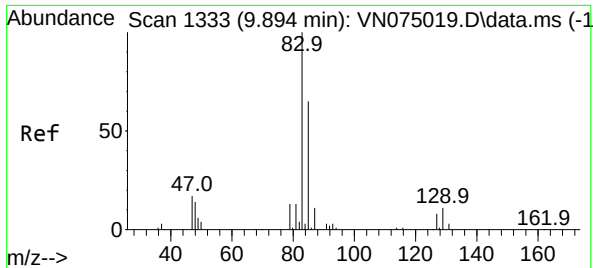
Ion Ratio Lower Upper

93 100

95 78.3 66.6 99.8

174 81.7 70.3 105.5





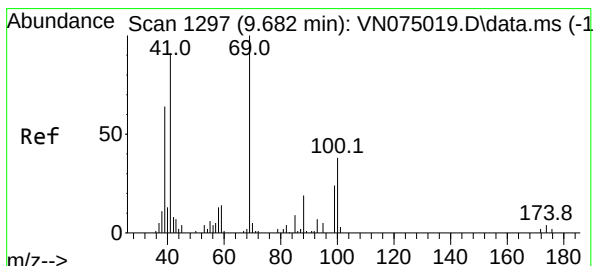
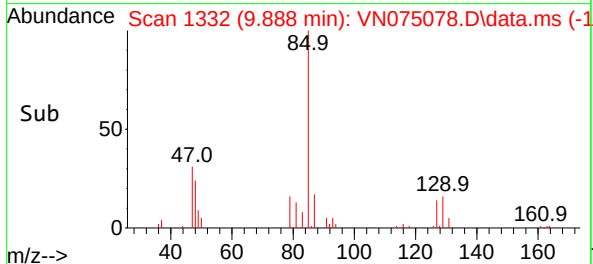
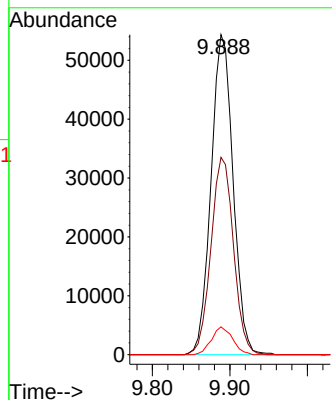
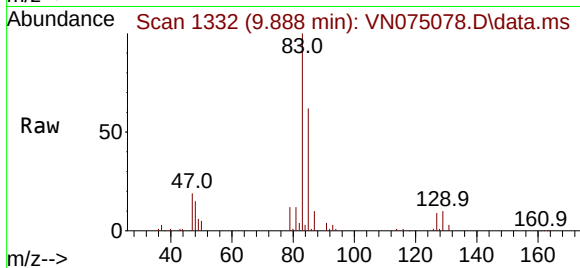
#47
Bromodichloromethane
Concen: 52.273 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 10736
Ion Ratio Lower Upper
83 100
85 61.7 52.1 78.1
127 8.7 6.6 10.0

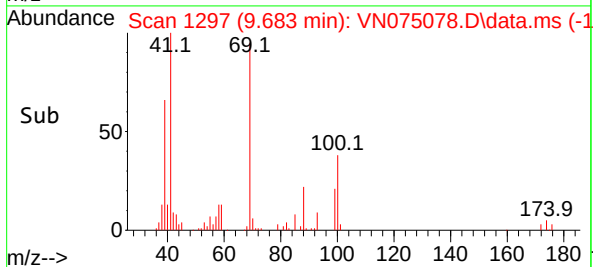
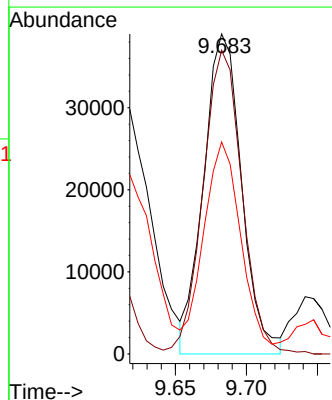
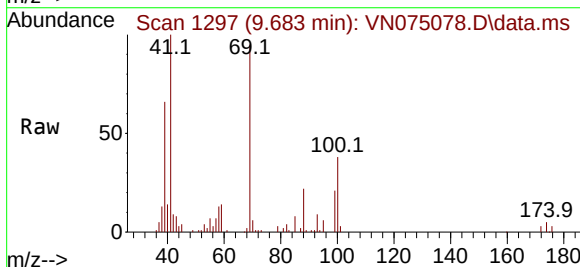
Manual Integrations
APPROVED

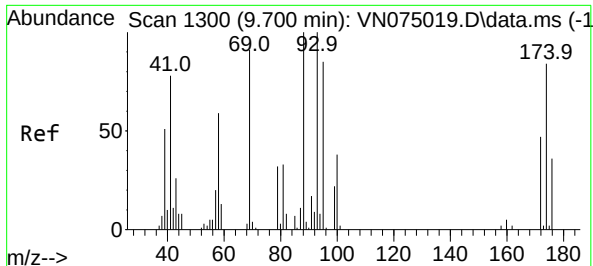
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#48
Methyl methacrylate
Concen: 49.698 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. 0.001 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Tgt Ion: 41 Resp: 72454
Ion Ratio Lower Upper
41 100
69 97.4 80.2 120.2
39 65.4 56.2 84.2





#49

1,4-Dioxane

Concen: 970.736 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075078.D

Acq: 31 Oct 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 37059

Ion Ratio Lower Upper

88 100

43 23.1 17.5 26.3

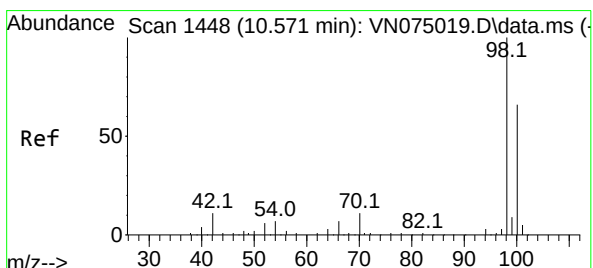
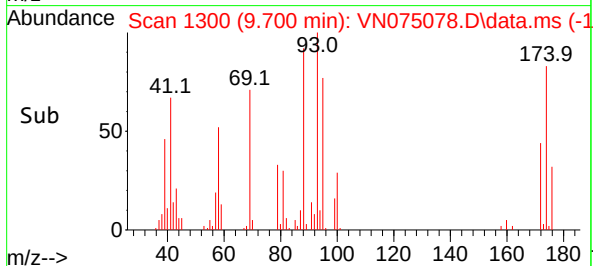
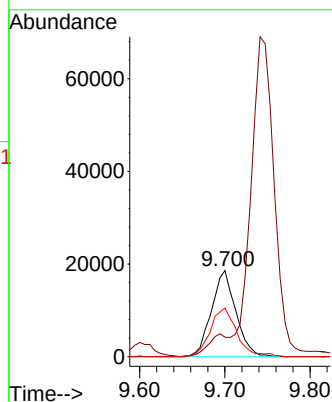
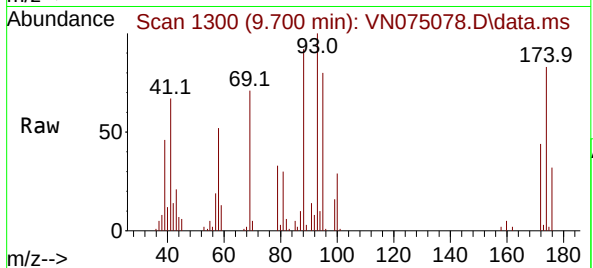
58 61.6 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#50

Toluene-d8

Concen: 55.149 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075078.D

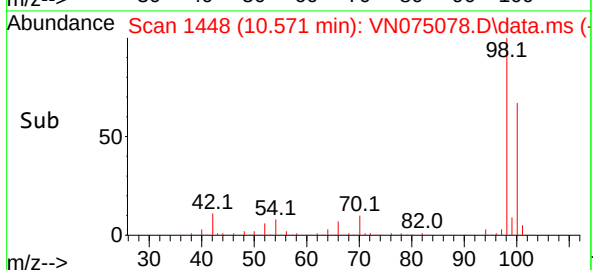
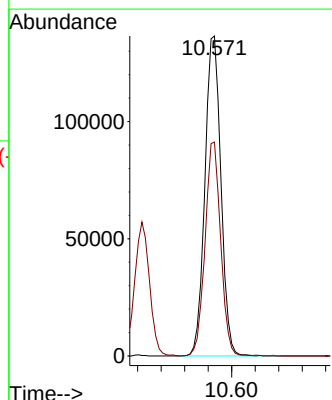
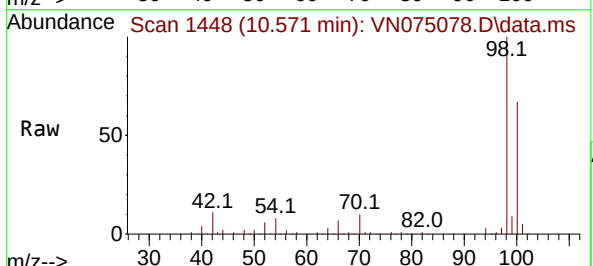
Acq: 31 Oct 2022 11:15

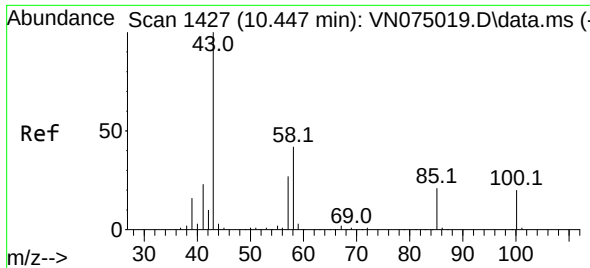
Tgt Ion: 98 Resp: 258209

Ion Ratio Lower Upper

98 100

100 65.2 53.0 79.6





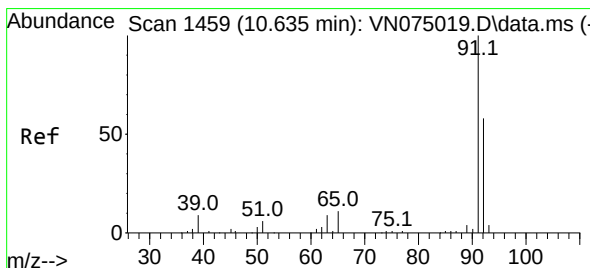
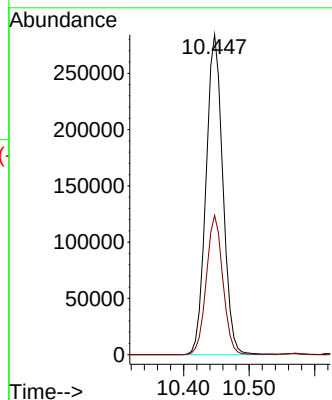
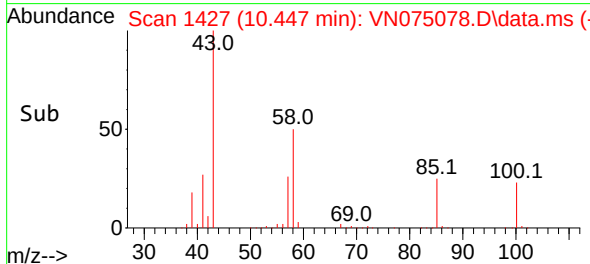
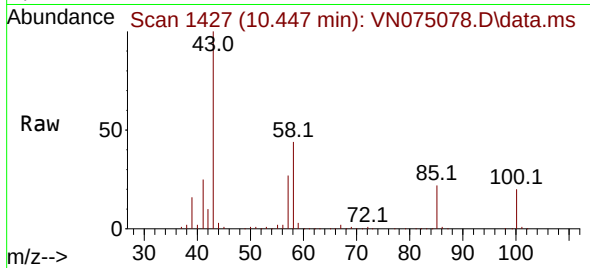
#51
4-Methyl-2-Pentanone
Concen: 247.613 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 50782
Ion Ratio Lower Upper
43 100
58 42.7 33.6 50.4

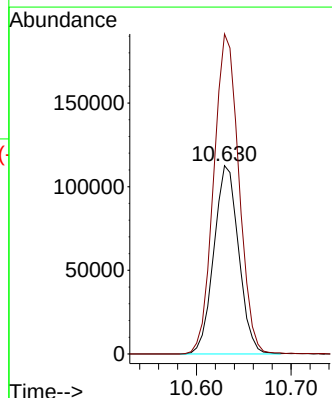
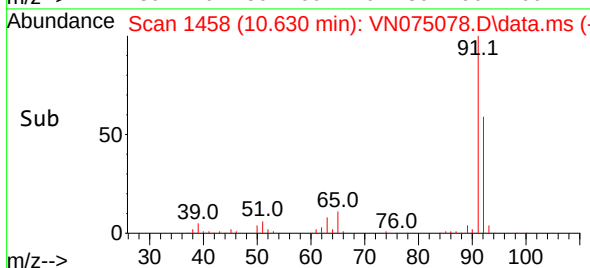
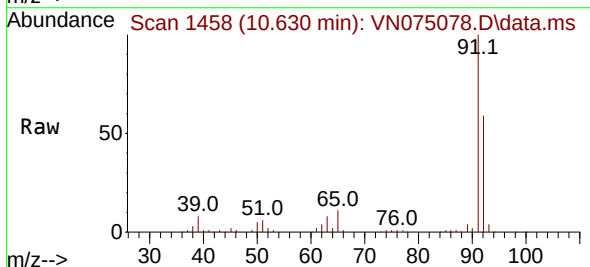
Manual Integrations
APPROVED

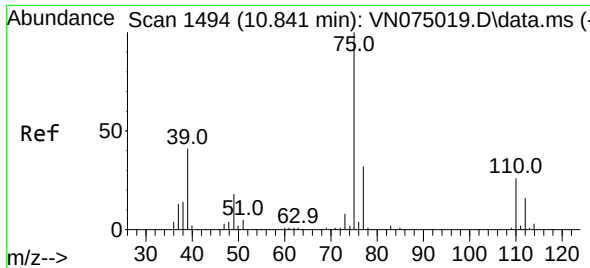
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#52
Toluene
Concen: 53.529 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.005 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

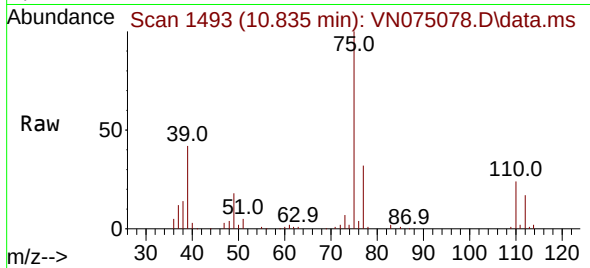
Tgt Ion: 92 Resp: 204693
Ion Ratio Lower Upper
92 100
91 173.0 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 55.279 ug/l
RT: 10.835 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

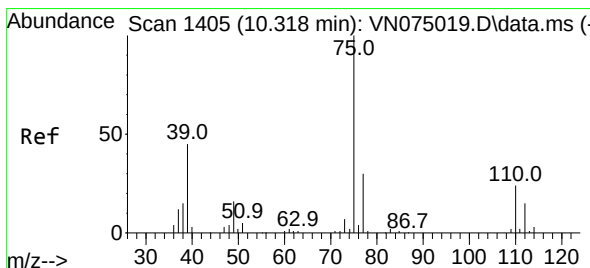
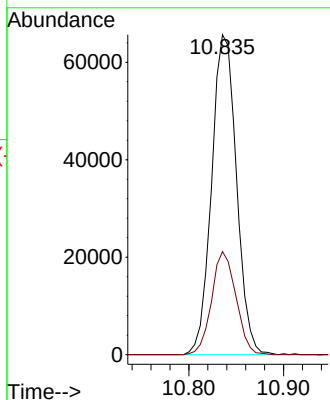
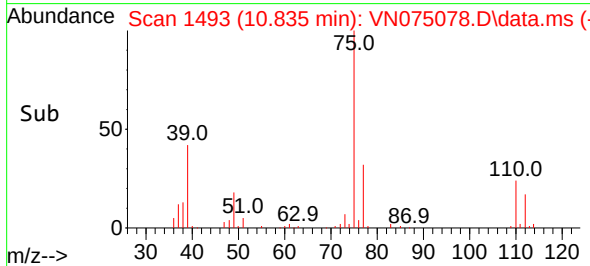
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



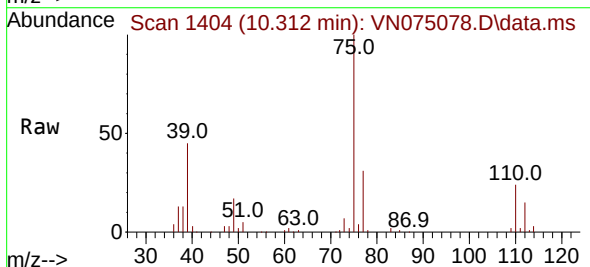
Tgt Ion: 75 Resp: 11984
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2

Manual Integrations
APPROVED

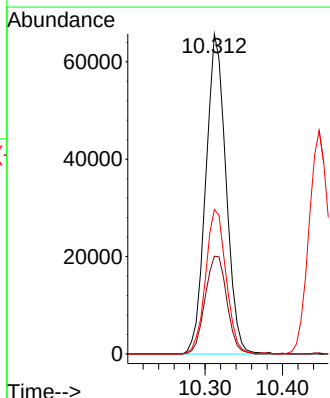
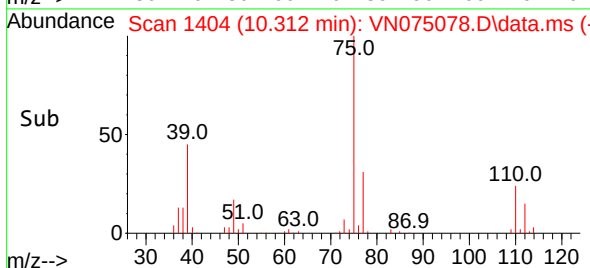
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

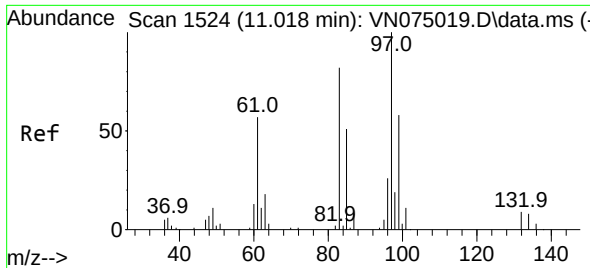


#54
cis-1,3-Dichloropropene
Concen: 51.864 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.006 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15



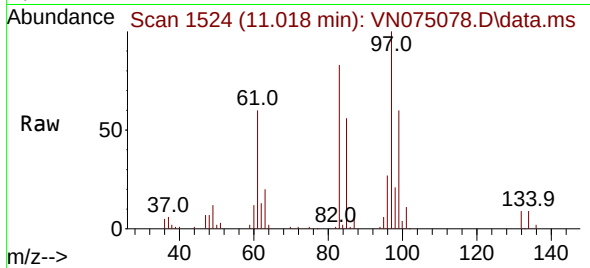
Tgt Ion: 75 Resp: 119256
Ion Ratio Lower Upper
75 100
77 30.5 23.7 35.5
39 45.1 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 51.552 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

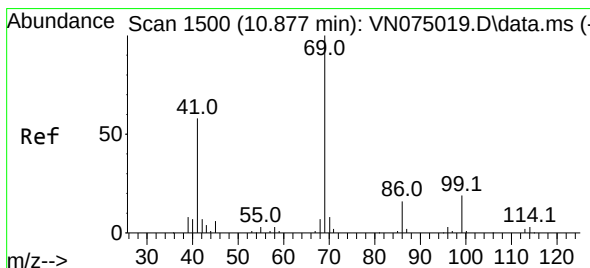
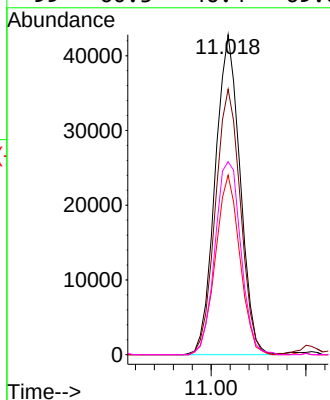
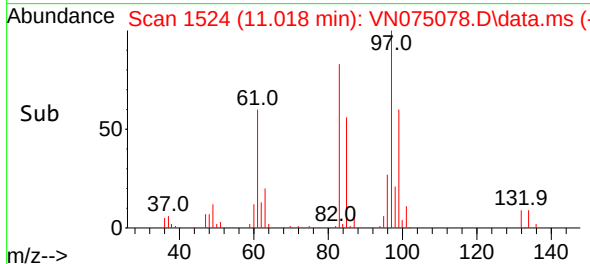
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



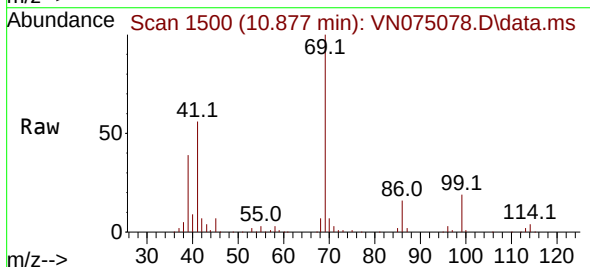
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.9	65.9	98.9
85	56.1	40.4	60.6
99	60.3	46.4	69.6

Manual Integrations
APPROVED

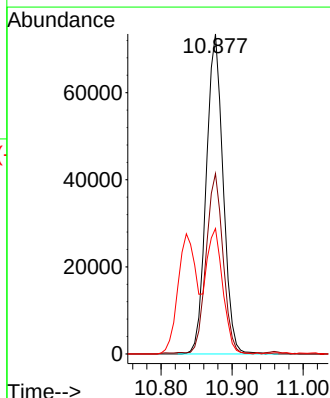
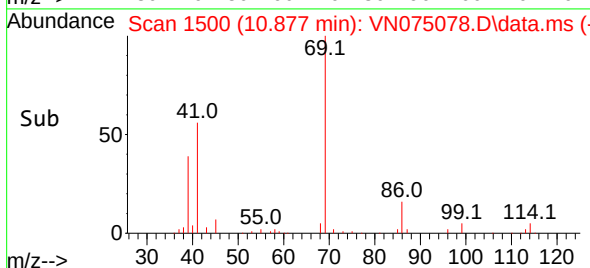
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

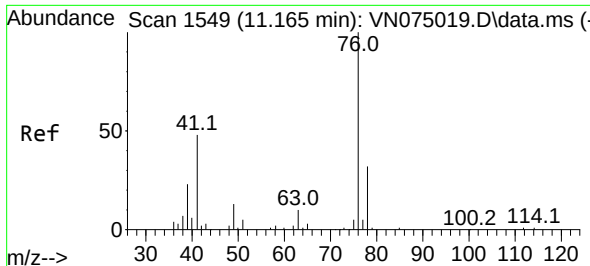


#56
Ethyl methacrylate
Concen: 52.403 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15



Tgt Ion	Ratio	Lower	Upper
69	100		
41	57.0	45.6	68.4
39	40.1	28.5	42.7





#57

1,3-Dichloropropane

Concen: 51.805 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075078.D

Acq: 31 Oct 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 130809

Ion Ratio Lower Upper

76 100

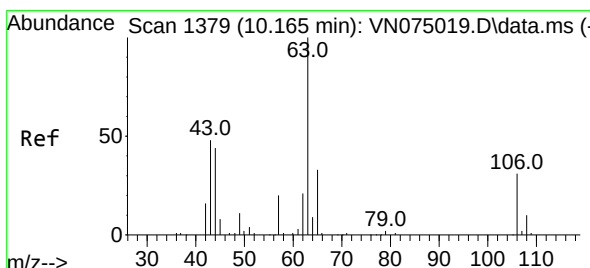
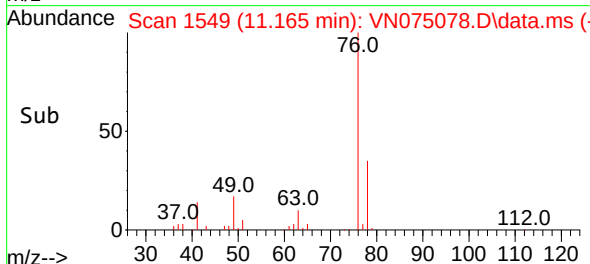
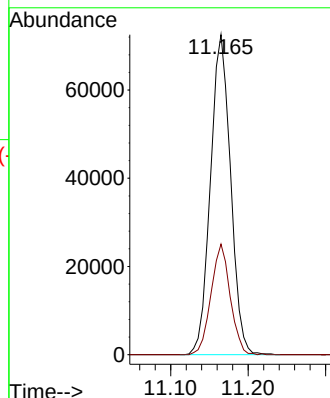
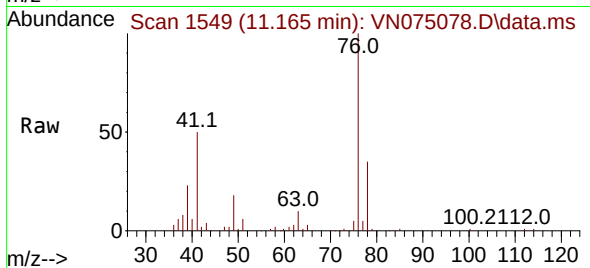
78 33.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#58

2-Chloroethyl Vinyl ether

Concen: 287.934 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN075078.D

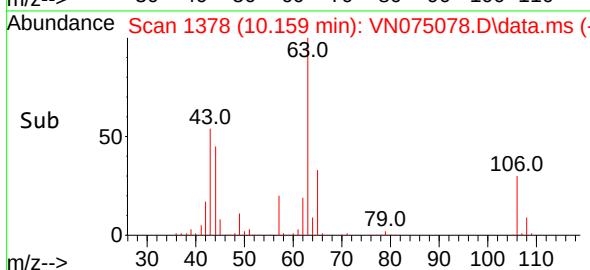
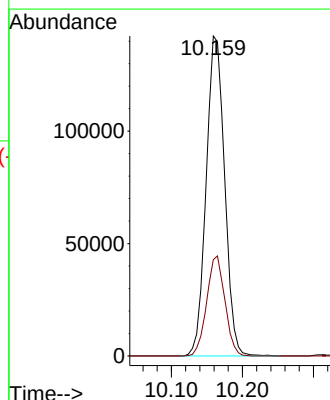
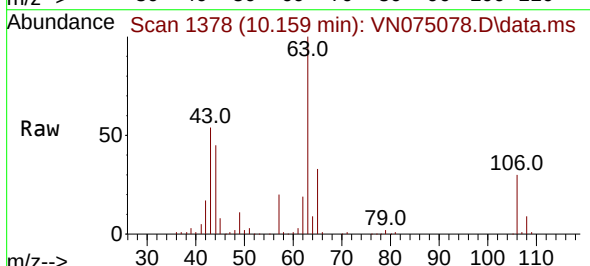
Acq: 31 Oct 2022 11:15

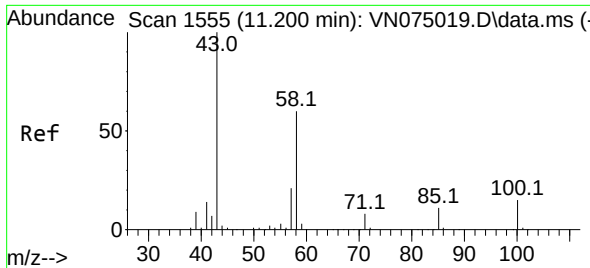
Tgt Ion: 63 Resp: 257452

Ion Ratio Lower Upper

63 100

106 30.8 24.8 37.2





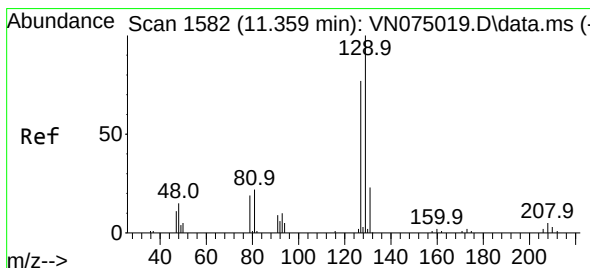
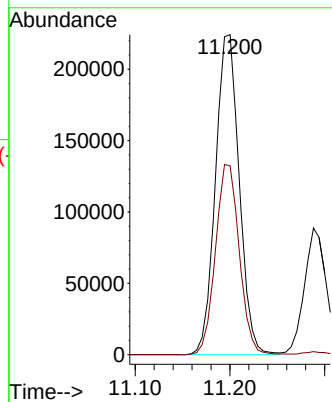
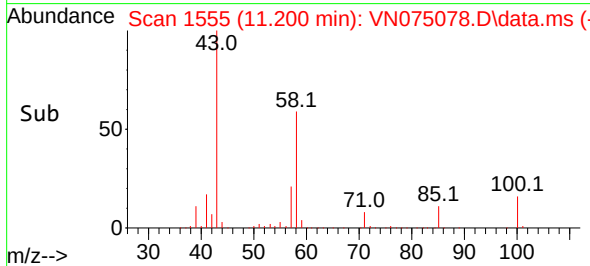
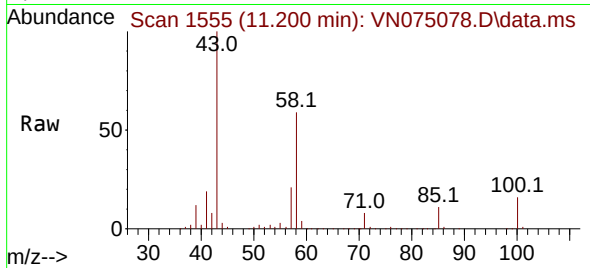
#59
2-Hexanone
Concen: 251.576 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 391592
Ion Ratio Lower Upper
43 100
58 59.5 29.6 88.8

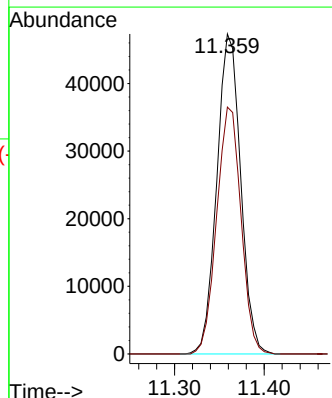
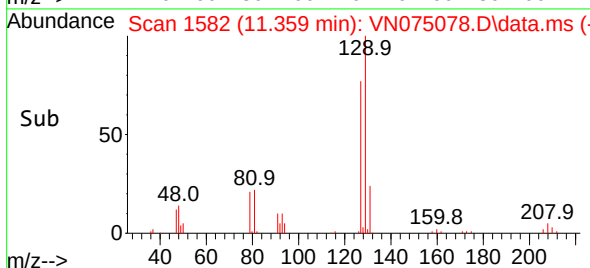
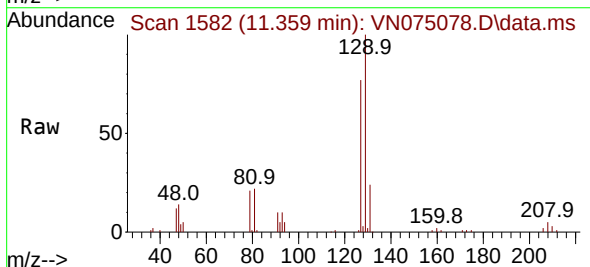
Manual Integrations
APPROVED

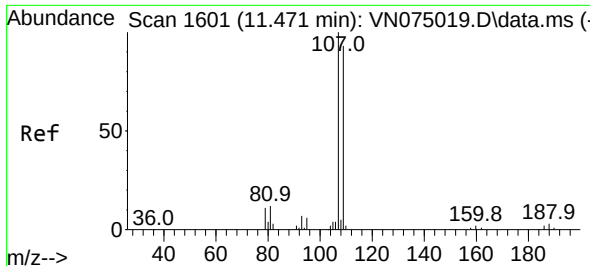
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#60
Dibromochloromethane
Concen: 54.601 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

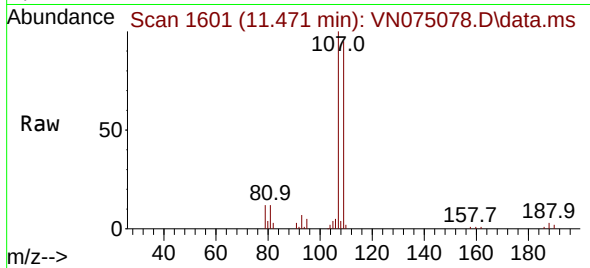
Tgt Ion:129 Resp: 87345
Ion Ratio Lower Upper
129 100
127 78.7 38.6 115.8





#61
1,2-Dibromoethane
Concen: 53.462 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

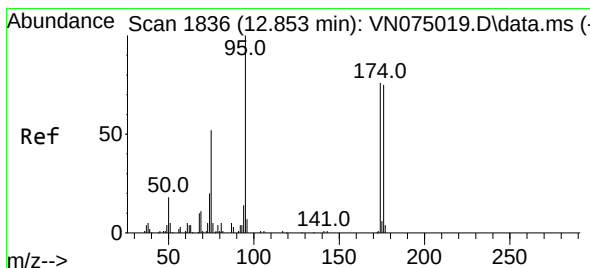
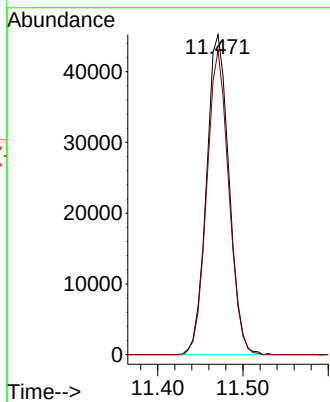
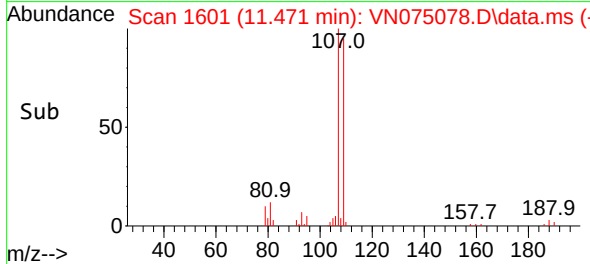
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



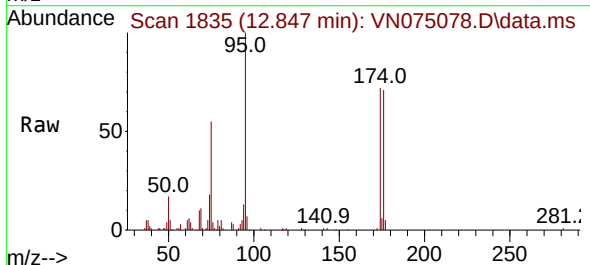
Tgt Ion:107 Resp: 83072
Ion Ratio Lower Upper
107 100
109 93.1 75.6 113.4

Manual Integrations
APPROVED

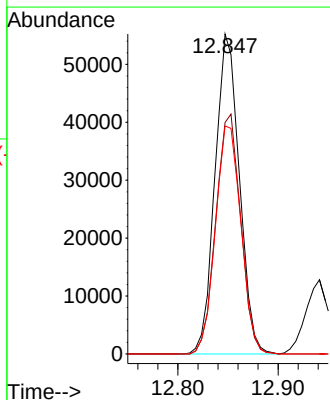
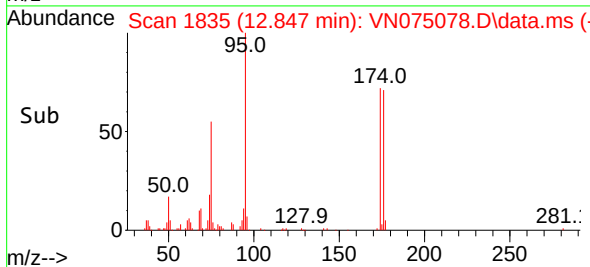
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

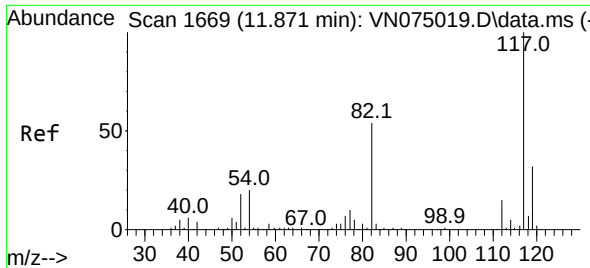


#62
4-Bromofluorobenzene
Concen: 56.696 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15



Tgt Ion: 95 Resp: 93248
Ion Ratio Lower Upper
95 100
174 76.7 0.0 147.4
176 74.5 0.0 142.2





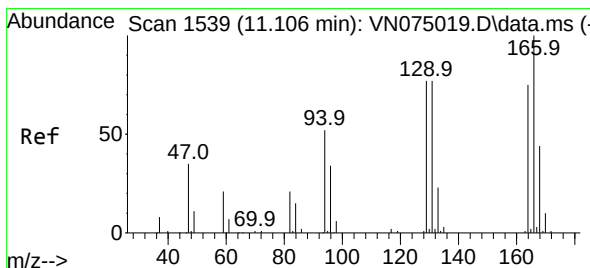
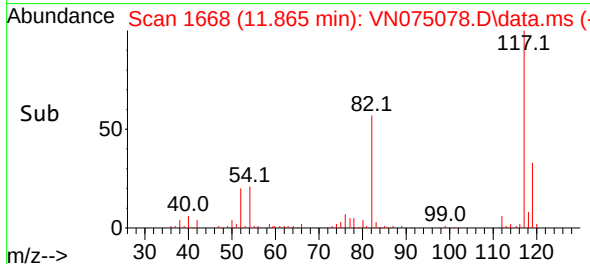
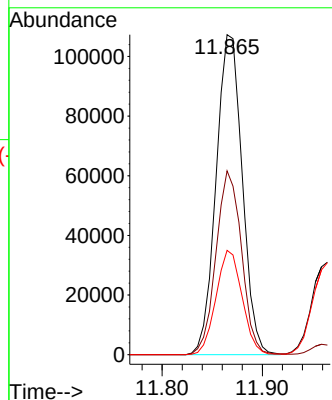
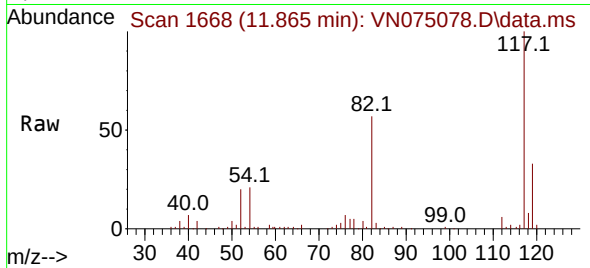
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 194600
Ion Ratio Lower Upper
117 100
82 57.4 43.1 64.7
119 32.6 25.5 38.3

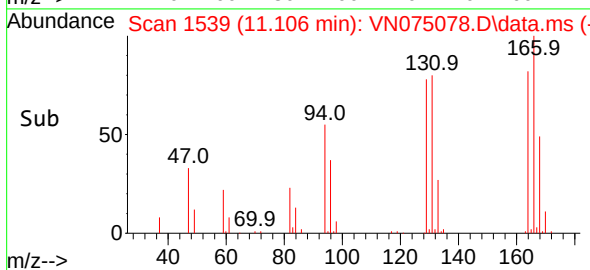
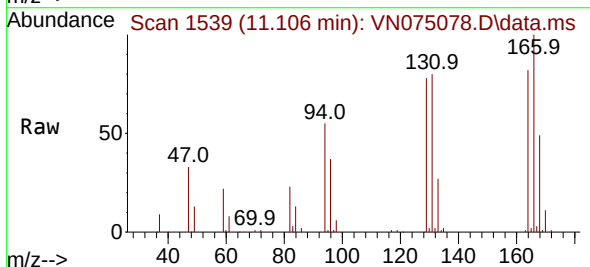
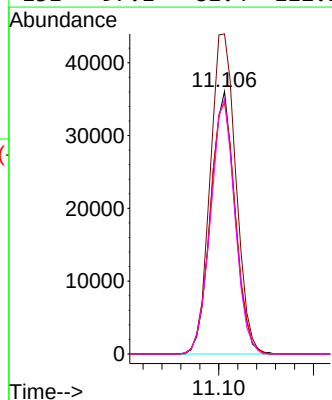
Manual Integrations
APPROVED

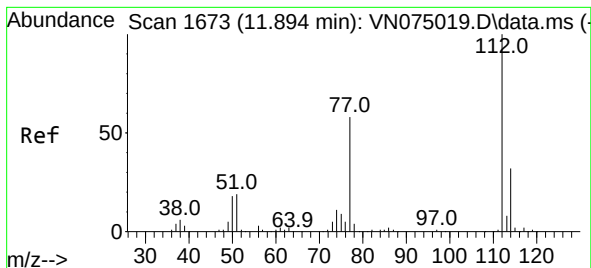
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#64
Tetrachloroethene
Concen: 53.884 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Tgt Ion:164 Resp: 64289
Ion Ratio Lower Upper
164 100
166 121.9 106.5 159.7
129 95.6 81.9 122.9
131 97.1 81.4 122.2





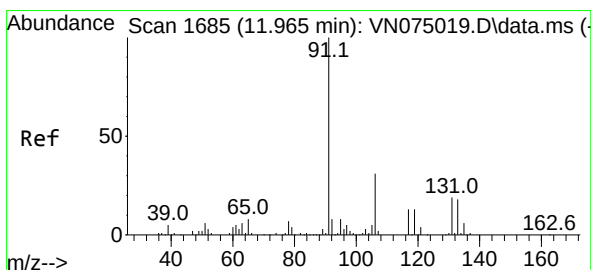
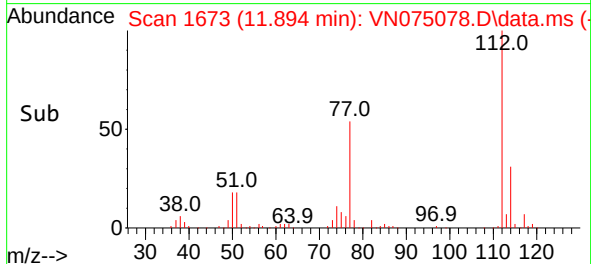
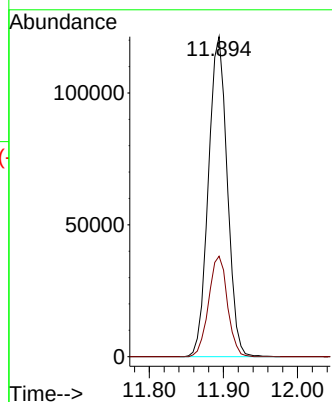
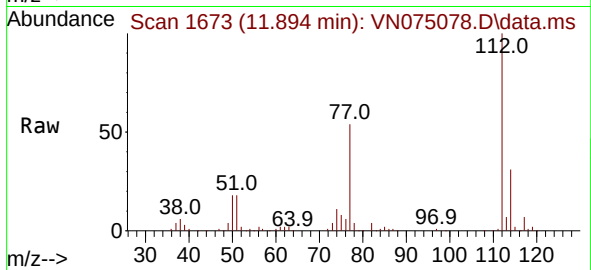
#65
Chlorobenzene
Concen: 51.636 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 21449
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2

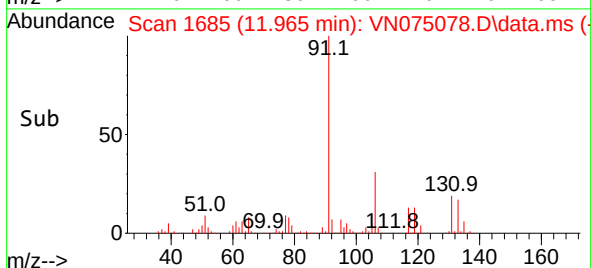
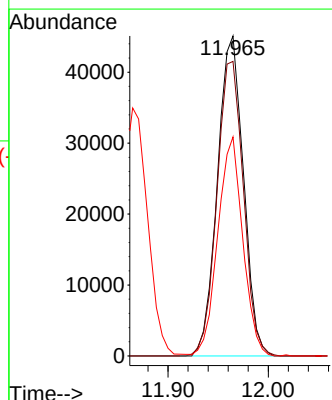
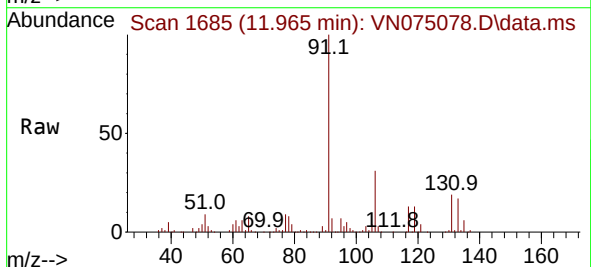
Manual Integrations
APPROVED

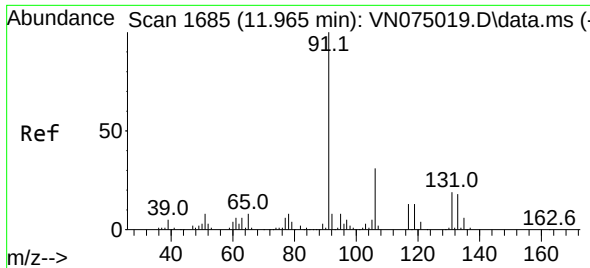
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 52.636 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

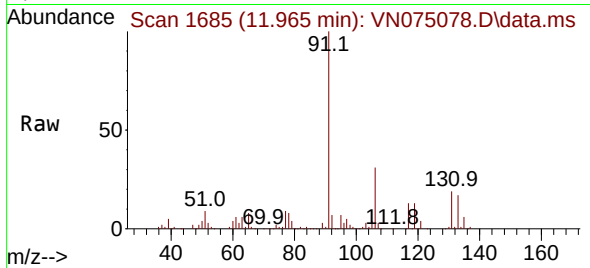
Tgt Ion:131 Resp: 81109
Ion Ratio Lower Upper
131 100
133 93.6 47.8 143.4
119 65.8 33.0 99.0





#67
Ethyl Benzene
Concen: 53.179 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

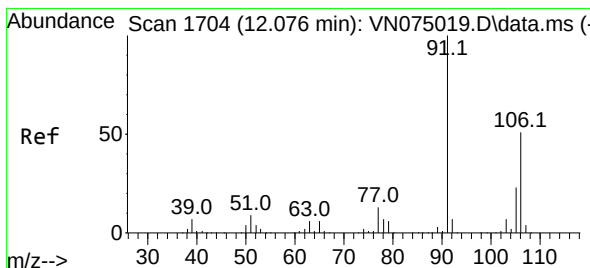
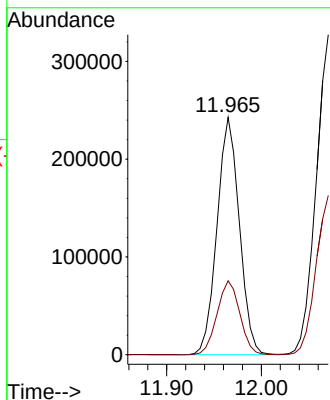
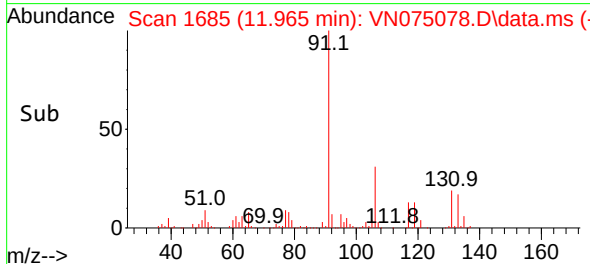
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



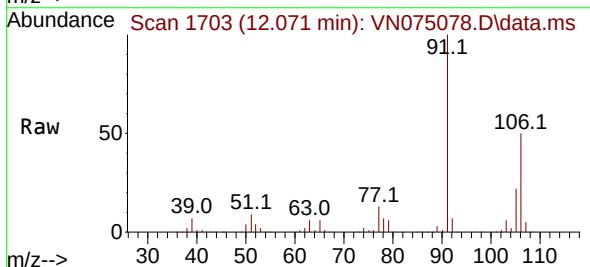
Tgt Ion: 91 Resp: 397435
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3

Manual Integrations
APPROVED

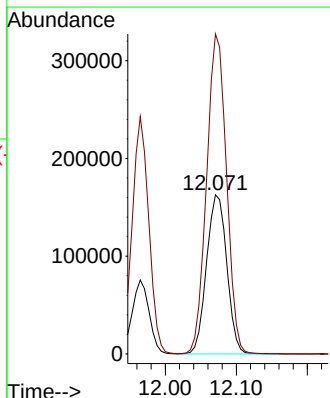
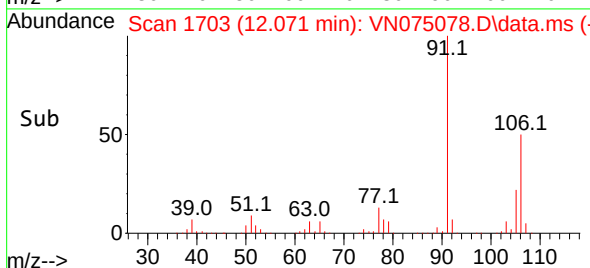
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

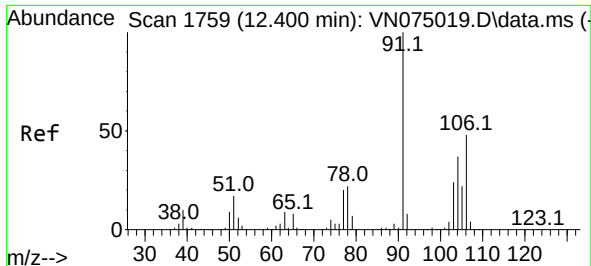


#68
m/p-Xylenes
Concen: 107.433 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.005 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15



Tgt Ion:106 Resp: 322162
Ion Ratio Lower Upper
106 100
91 198.1 156.0 234.0





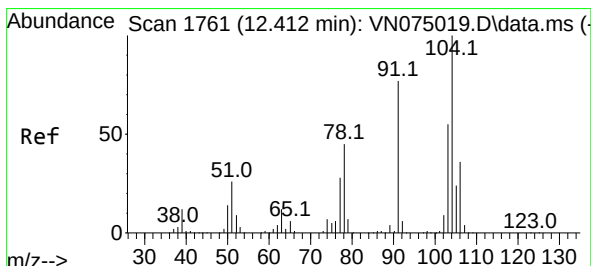
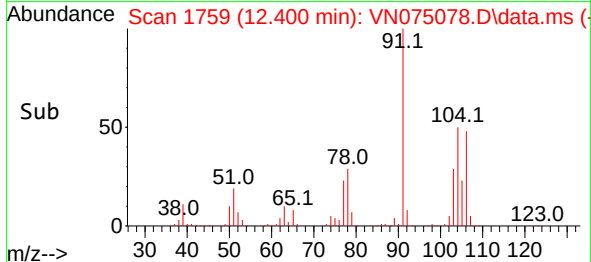
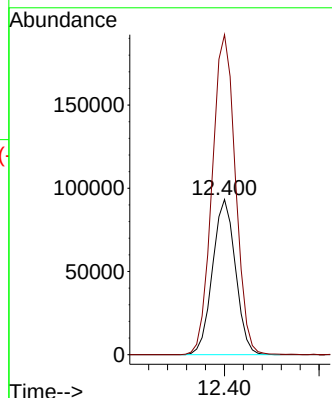
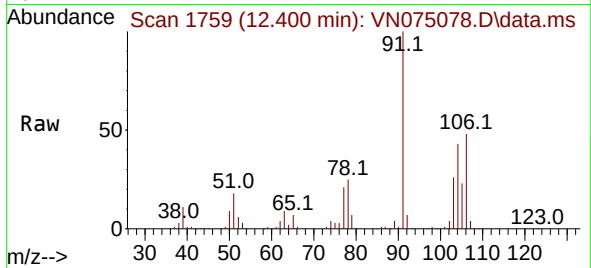
#69
o-Xylene
Concen: 52.815 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 15662
Ion Ratio Lower Upper
106 100
91 209.7 105.2 315.5

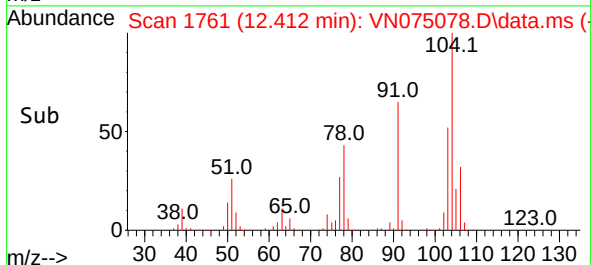
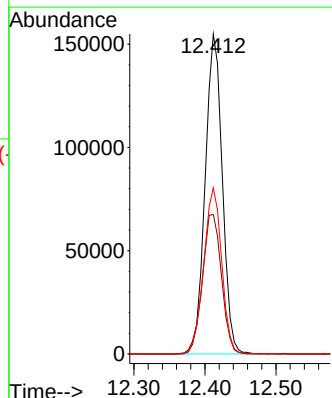
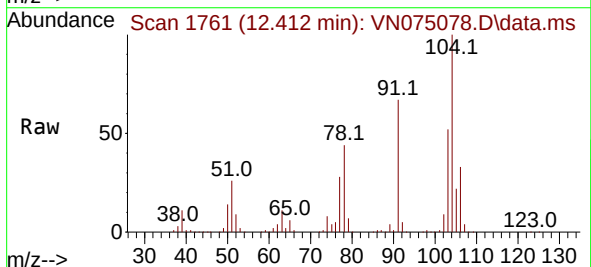
Manual Integrations
APPROVED

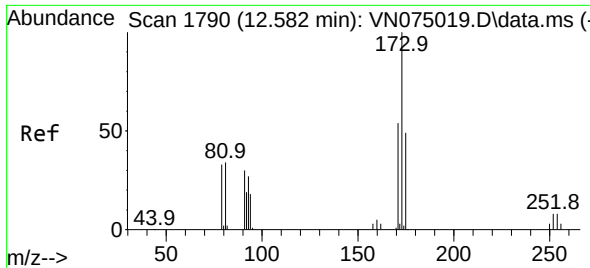
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#70
Styrene
Concen: 54.958 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

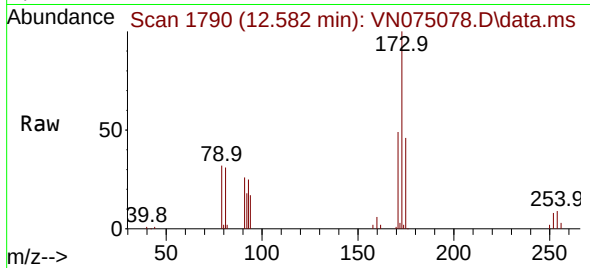
Tgt Ion:104 Resp: 259872
Ion Ratio Lower Upper
104 100
78 48.6 38.1 57.1
103 54.4 44.6 66.8





#71
Bromoform
Concen: 54.515 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

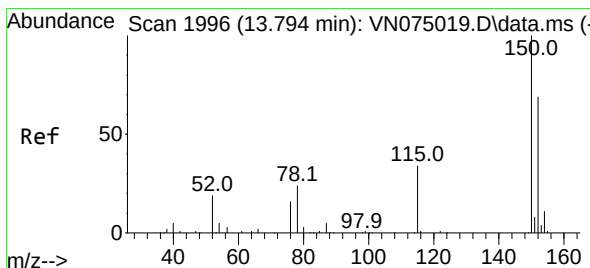
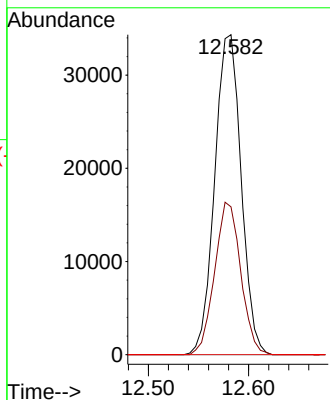
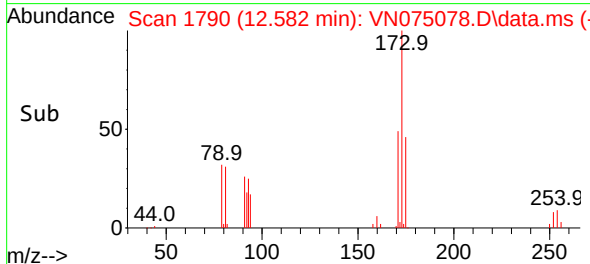
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



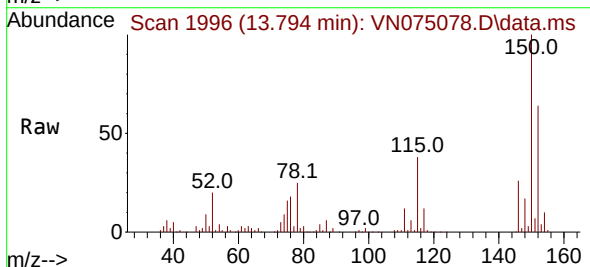
Tgt Ion:173 Resp: 6289
Ion Ratio Lower Upper
173 100
175 47.0 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

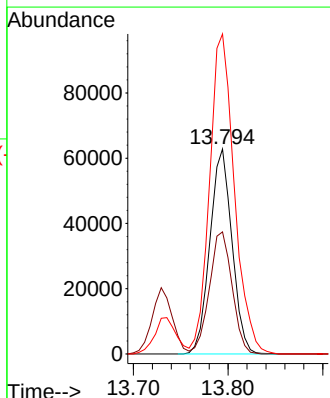
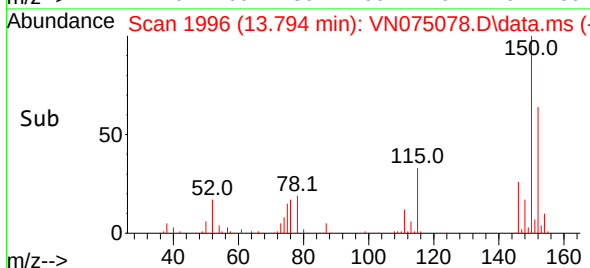
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

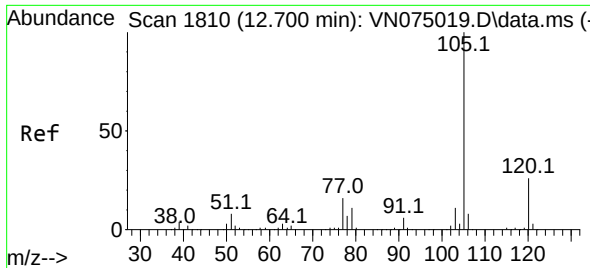


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15



Tgt Ion:152 Resp: 101866
Ion Ratio Lower Upper
152 100
115 61.2 30.2 90.6
150 174.7 0.0 348.4





#73
Isopropylbenzene
Concen: 49.941 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

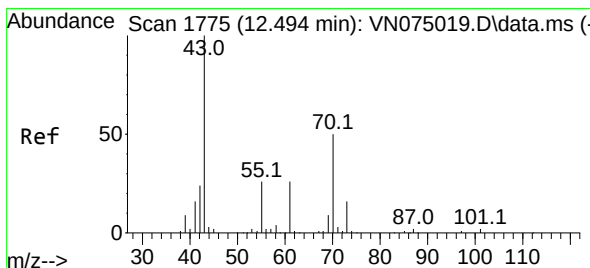
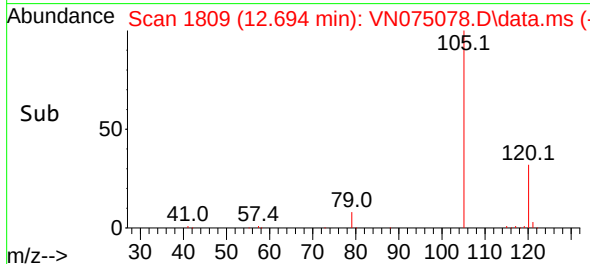
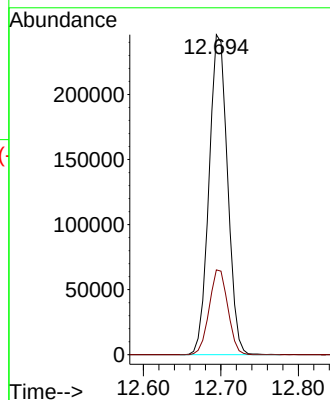
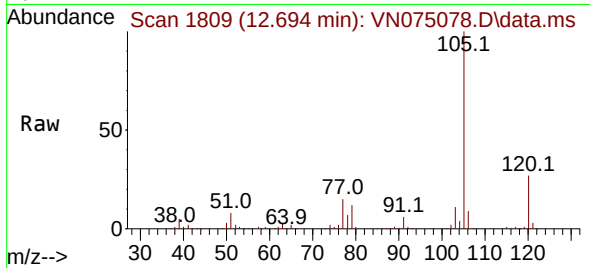
VSTDCCC050

Tgt Ion:105 Resp: 40841
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.1

Manual Integrations

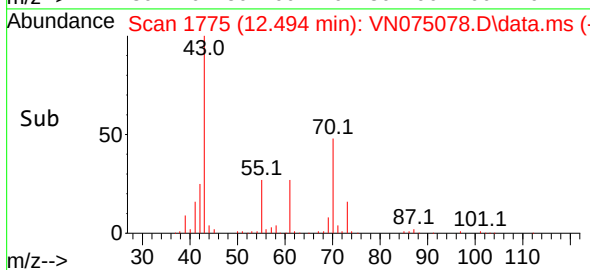
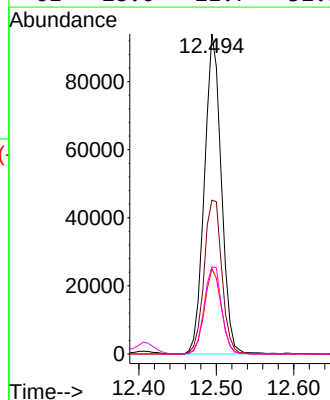
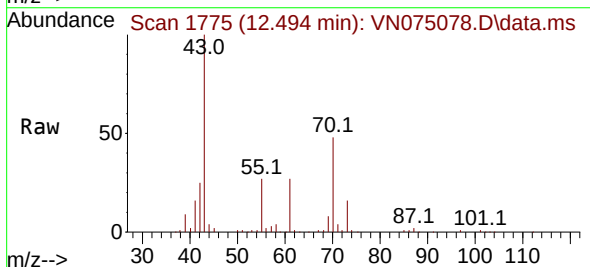
APPROVED

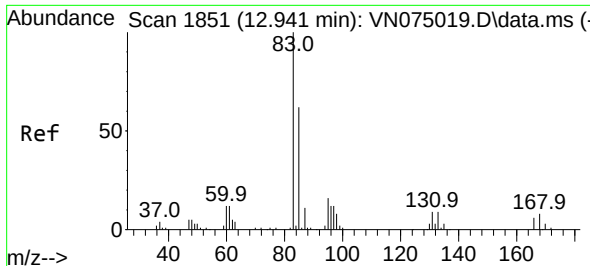
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#74
N-ethyl acetate
Concen: 47.062 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

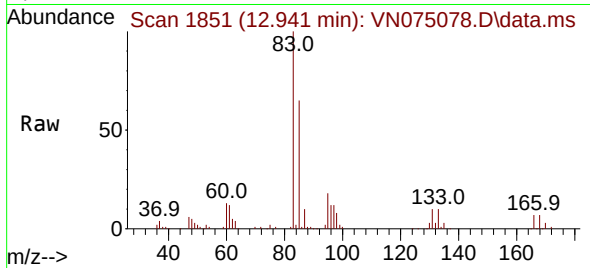
Tgt Ion: 43 Resp: 142344
Ion Ratio Lower Upper
43 100
70 50.4 39.8 59.8
55 26.5 19.9 29.9
61 28.0 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 52.925 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

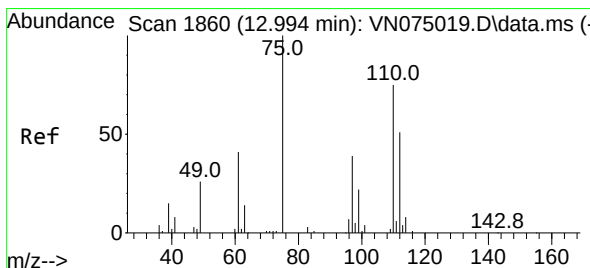
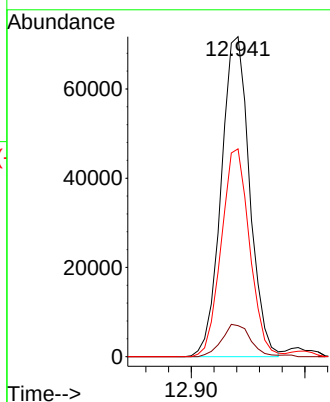
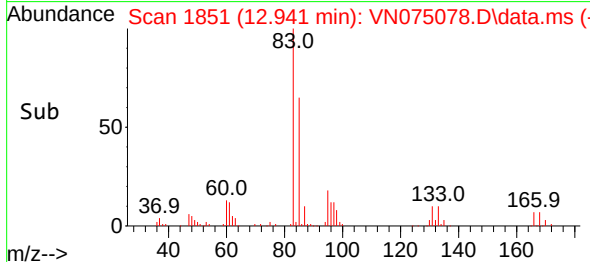
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



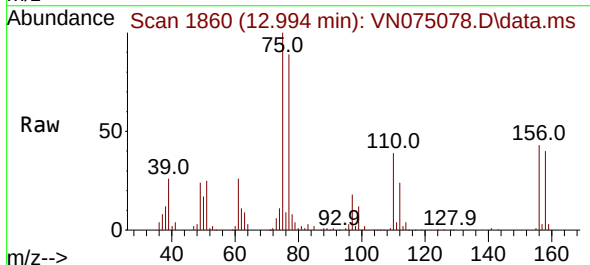
Tgt Ion: 83 Resp: 124572
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.3
85 64.8 31.6 94.7

Manual Integrations
APPROVED

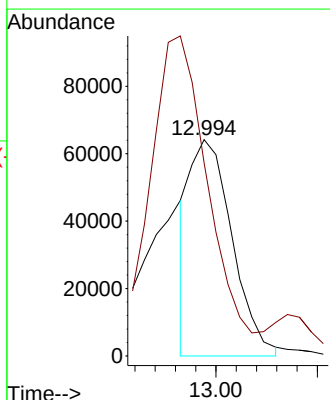
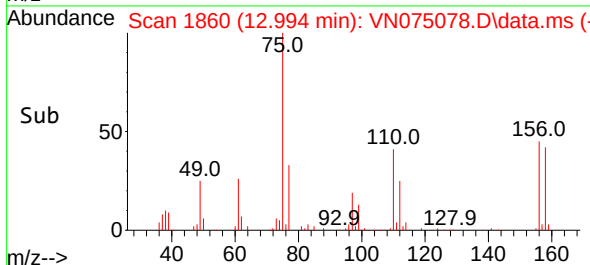
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

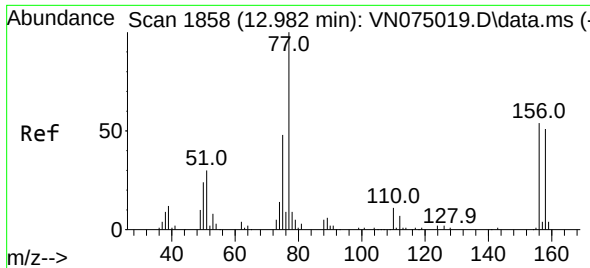


#76
1,2,3-Trichloropropane
Concen: 43.074 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15



Tgt Ion: 75 Resp: 93165
Ion Ratio Lower Upper
75 100
77 204.1 75.6 226.8





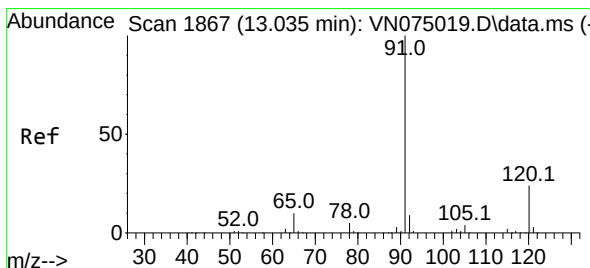
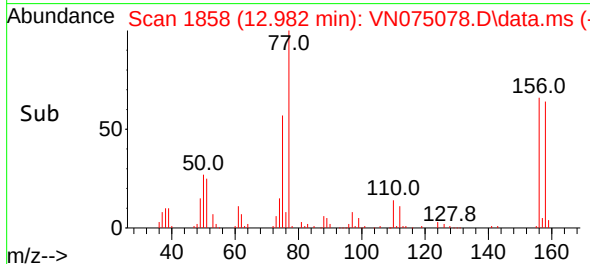
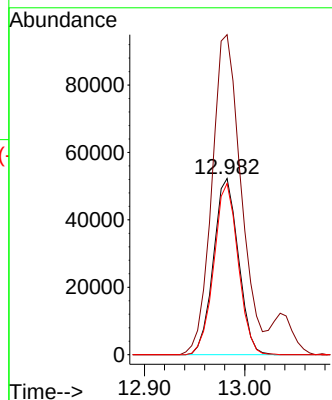
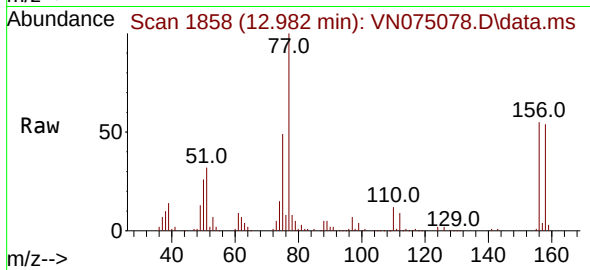
#77
Bromobenzene
Concen: 50.047 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 90119
Ion Ratio Lower Upper
156 100
77 211.0 108.5 325.5
158 94.5 47.7 143.1

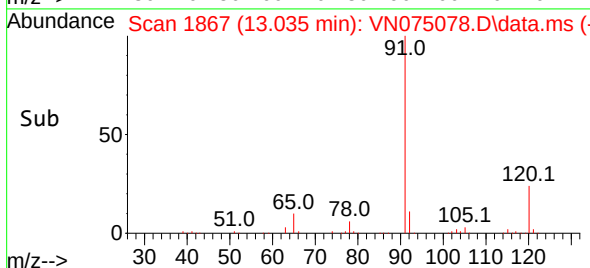
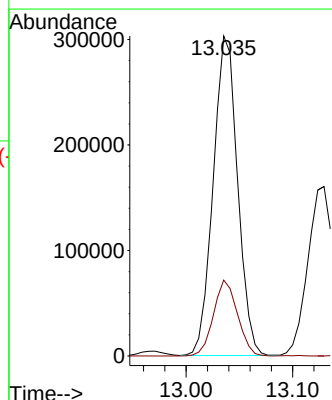
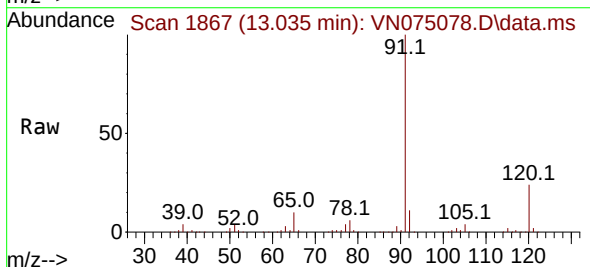
Manual Integrations
APPROVED

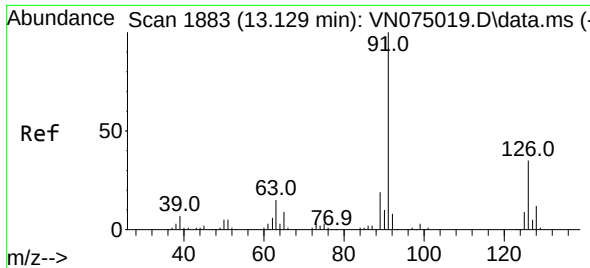
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#78
n-propylbenzene
Concen: 52.386 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Tgt Ion: 91 Resp: 480994
Ion Ratio Lower Upper
91 100
120 23.3 11.9 35.5





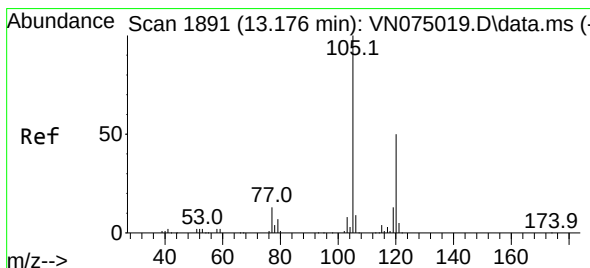
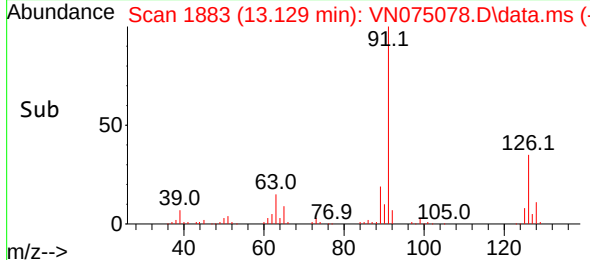
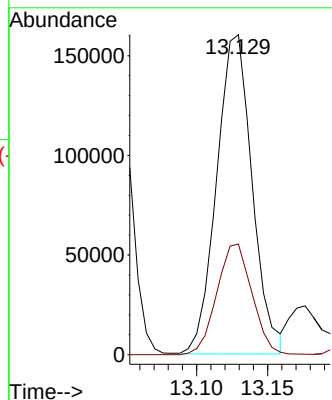
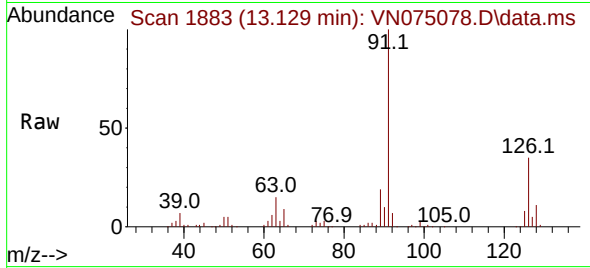
#79
2-Chlorotoluene
Concen: 49.613 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 278360
Ion Ratio Lower Upper
91 100
126 34.4 16.9 50.7

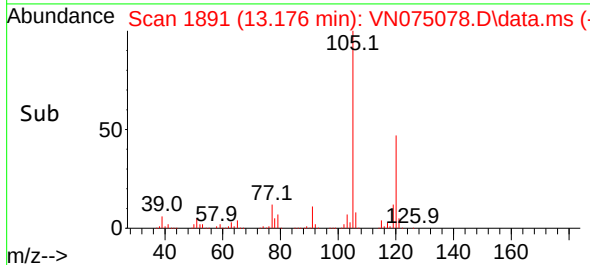
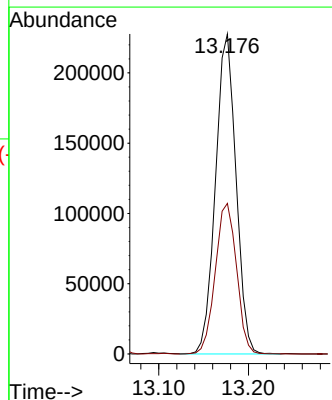
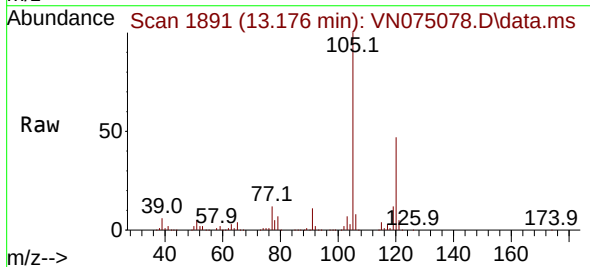
Manual Integrations
APPROVED

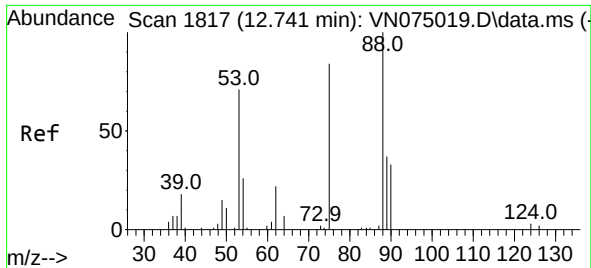
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#80
1,3,5-Trimethylbenzene
Concen: 52.551 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

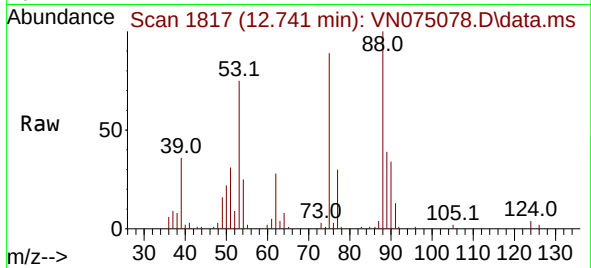
Tgt Ion:105 Resp: 360963
Ion Ratio Lower Upper
105 100
120 48.8 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 55.369 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

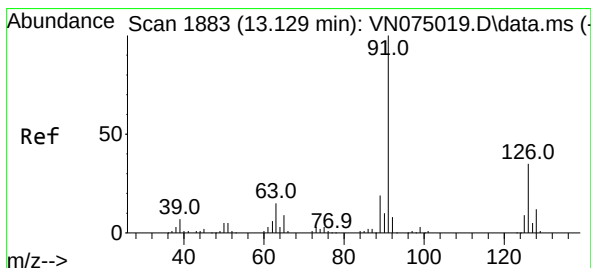
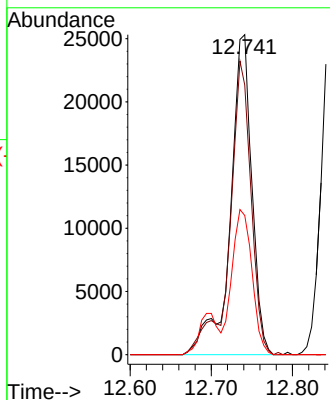
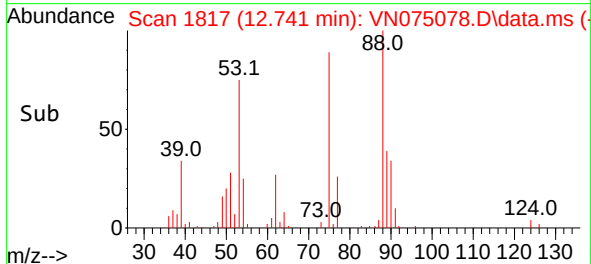
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 4665
Ion Ratio Lower Upper
75 100
53 90.5 78.5 117.7
89 42.3 37.7 56.5

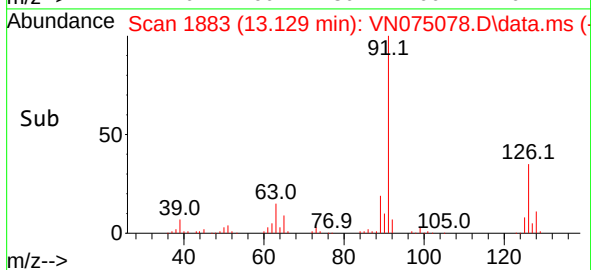
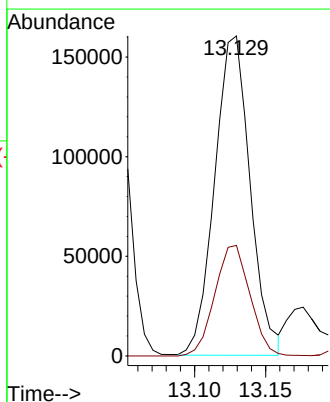
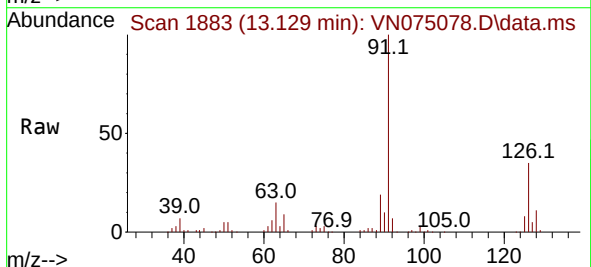
Manual Integrations
APPROVED

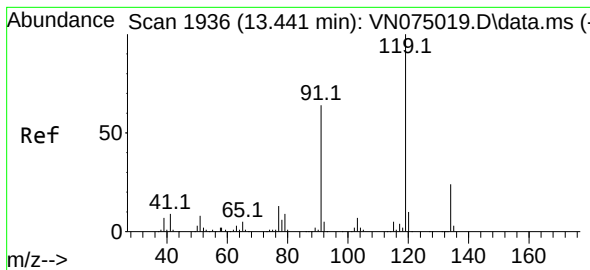
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#82
4-Chlorotoluene
Concen: 49.613 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Tgt Ion: 91 Resp: 278360
Ion Ratio Lower Upper
91 100
126 34.4 16.9 50.7





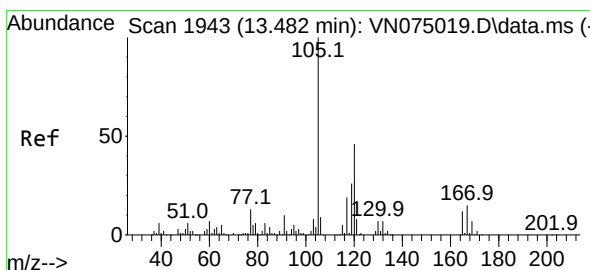
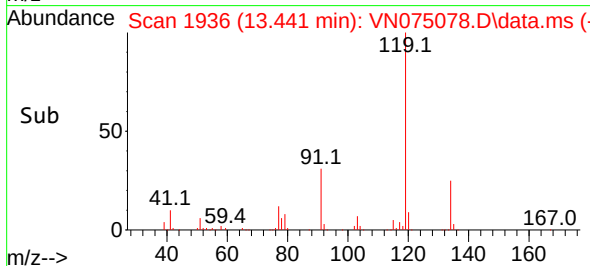
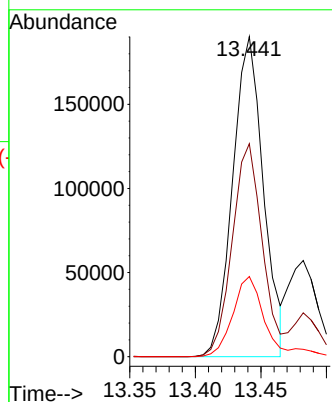
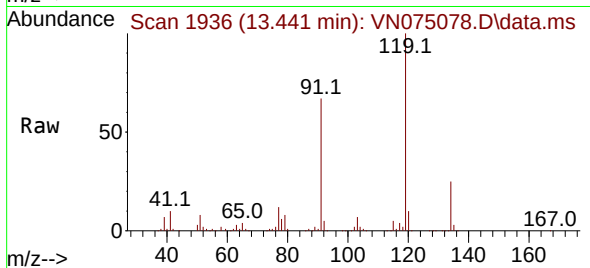
#83
tert-Butylbenzene
Concen: 50.832 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 310249
Ion Ratio Lower Upper
119 100
91 64.9 32.8 98.4
134 26.6 12.3 36.9

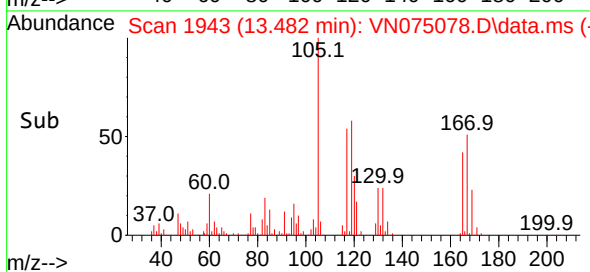
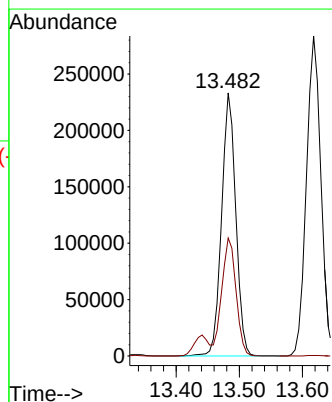
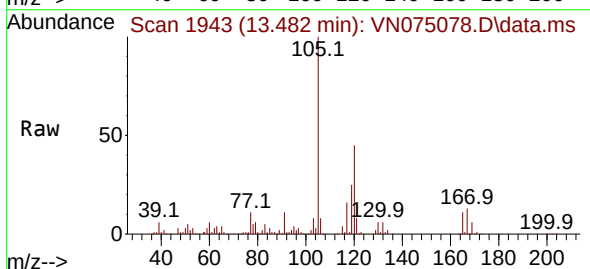
Manual Integrations
APPROVED

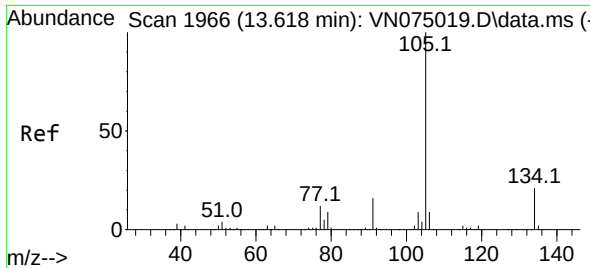
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#84
1,2,4-Trimethylbenzene
Concen: 52.421 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

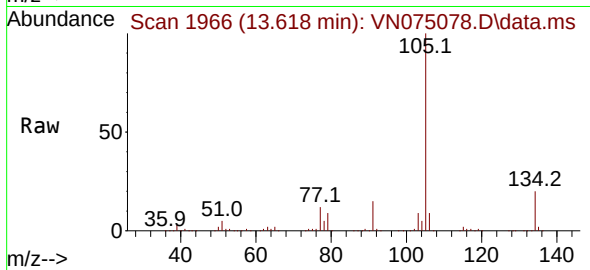
Tgt Ion:105 Resp: 364310
Ion Ratio Lower Upper
105 100
120 45.6 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 52.926 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075078.D
 Acq: 31 Oct 2022 11:15

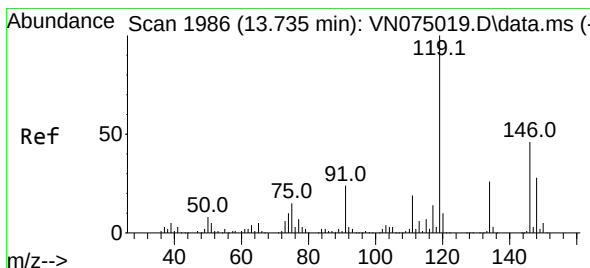
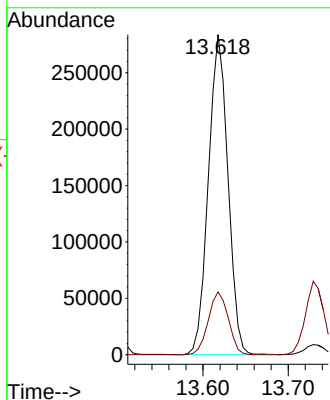
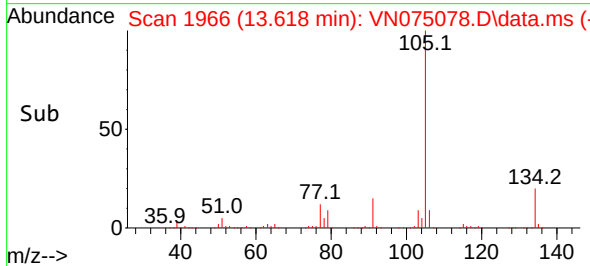
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



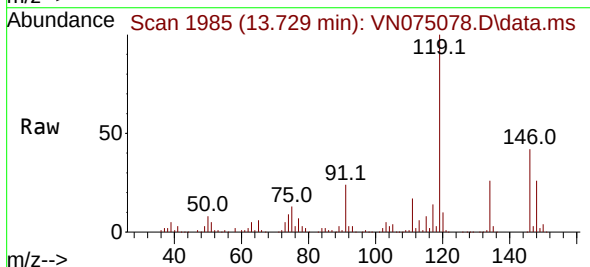
Tgt Ion:105 Resp: 45189
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.6

Manual Integrations
 APPROVED

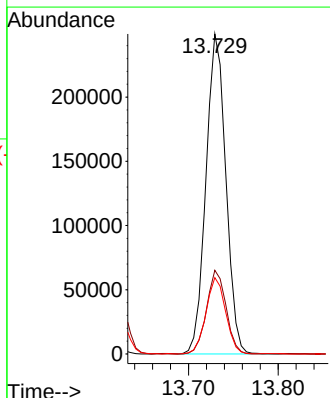
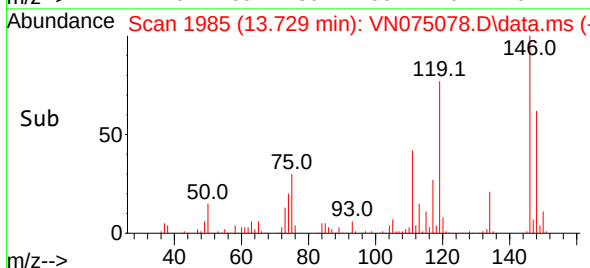
Reviewed By :John Carlone 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022

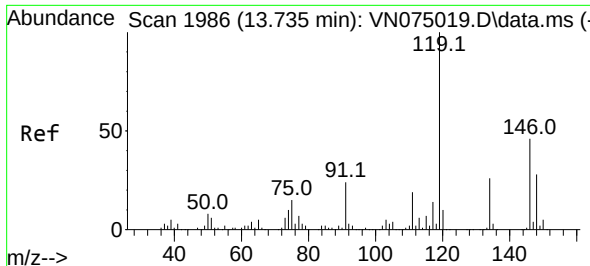


#86
 p-Isopropyltoluene
 Concen: 54.445 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075078.D
 Acq: 31 Oct 2022 11:15



Tgt Ion:119 Resp: 383916
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.3
 91 23.6 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 51.524 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075078.D

Acq: 31 Oct 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 181650

Ion Ratio Lower Upper

146 100

111 42.2 20.8 62.5

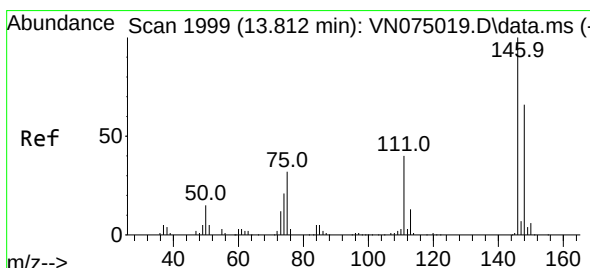
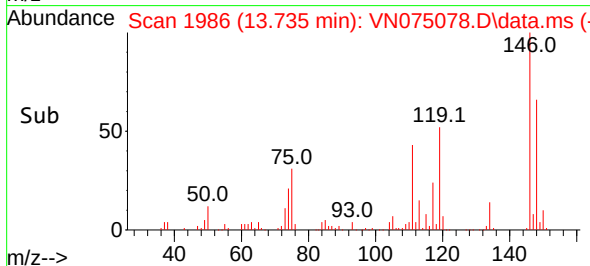
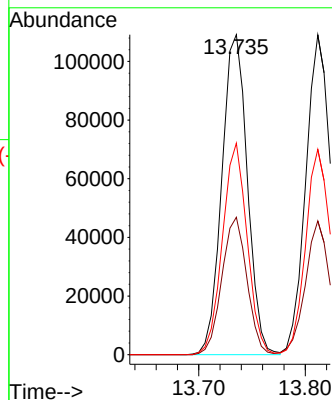
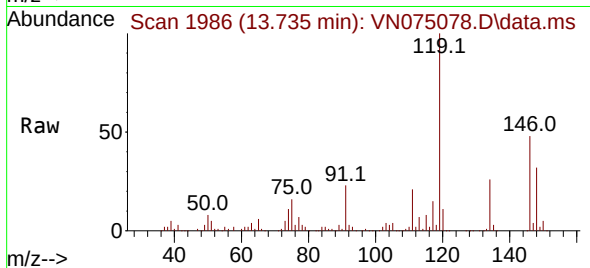
148 63.8 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#88

1,4-Dichlorobenzene

Concen: 51.581 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN075078.D

Acq: 31 Oct 2022 11:15

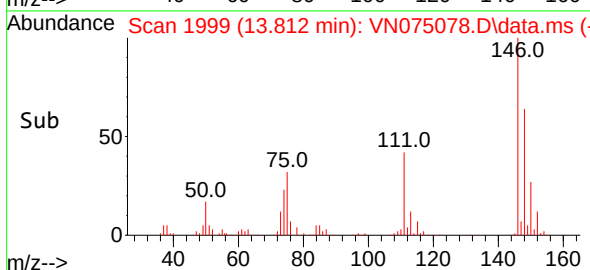
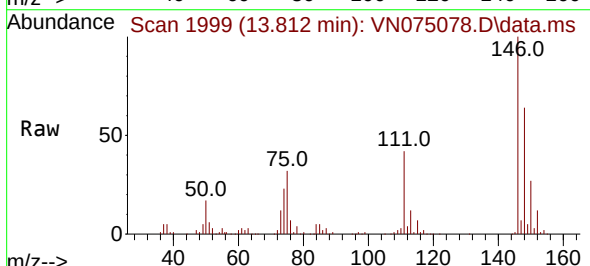
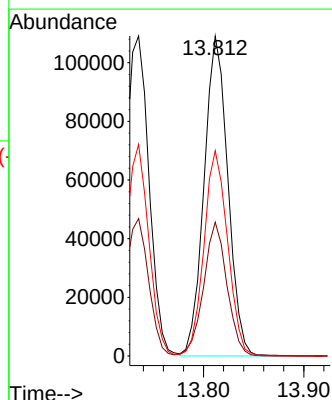
Tgt Ion:146 Resp: 179980

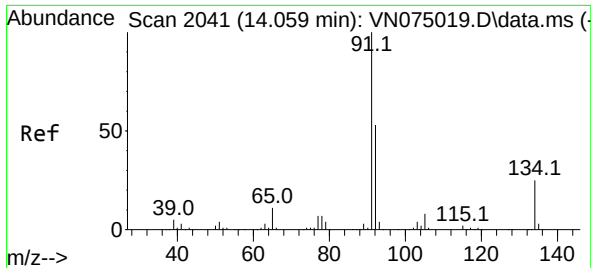
Ion Ratio Lower Upper

146 100

111 41.3 20.1 60.3

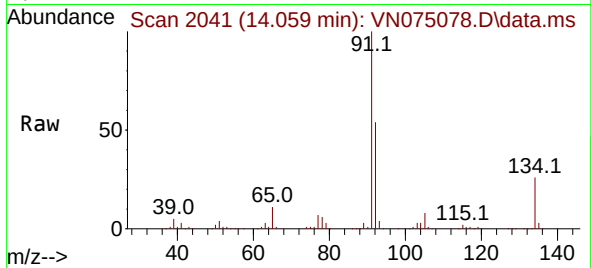
148 64.0 31.9 95.7





#89
n-Butylbenzene
Concen: 57.172 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

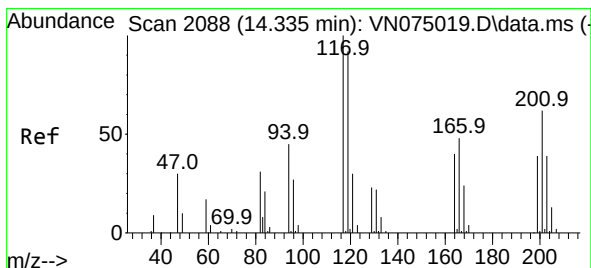
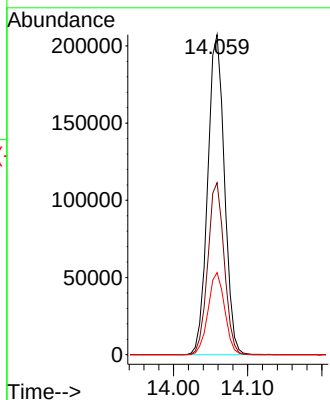
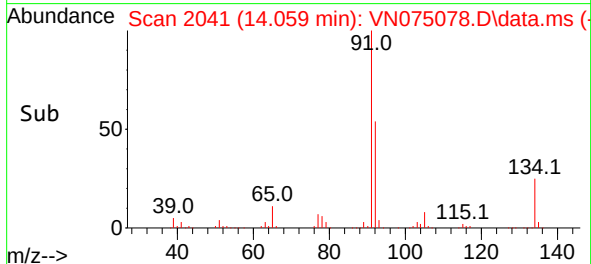
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 32464
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.4
134 25.5 13.0 39.0

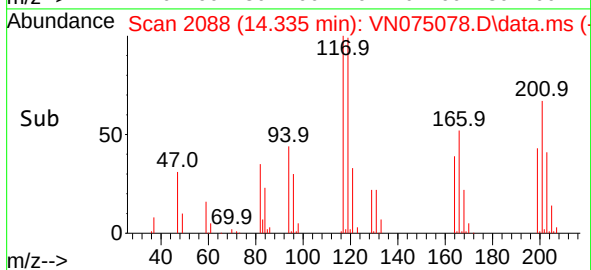
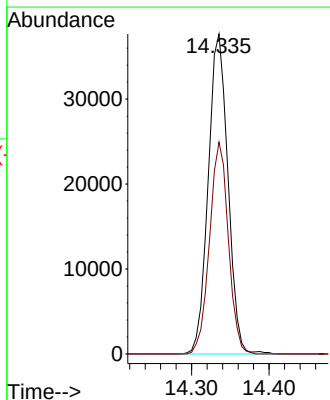
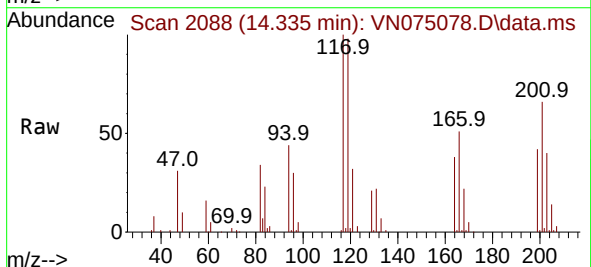
Manual Integrations
APPROVED

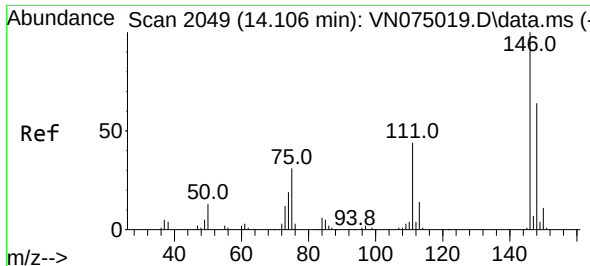
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#90
Hexachloroethane
Concen: 51.424 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

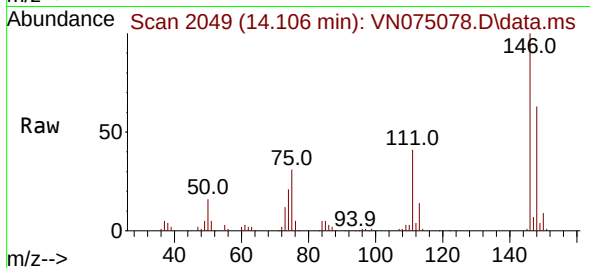
Tgt Ion:117 Resp: 66485
Ion Ratio Lower Upper
117 100
201 63.2 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 50.612 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

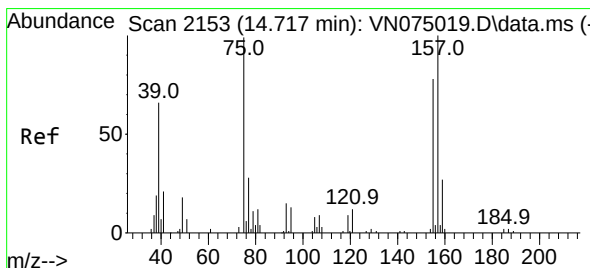
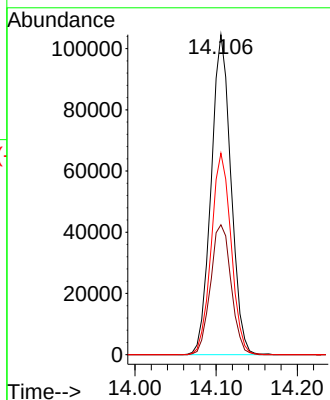
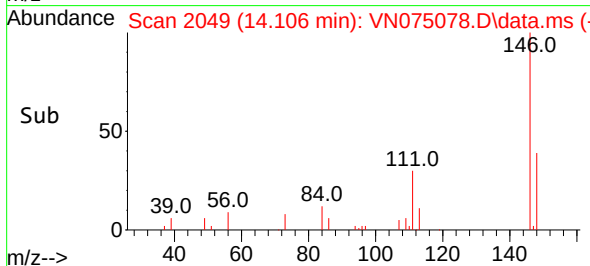
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



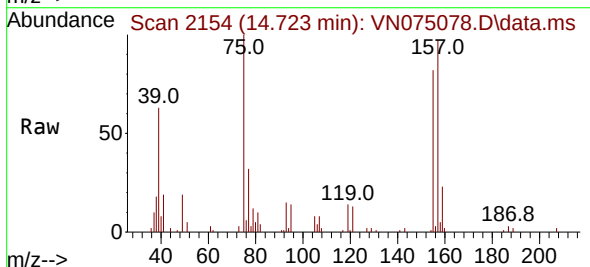
Tgt Ion:146 Resp: 17739
Ion Ratio Lower Upper
146 100
111 42.2 21.3 63.9
148 63.1 31.4 94.2

Manual Integrations
APPROVED

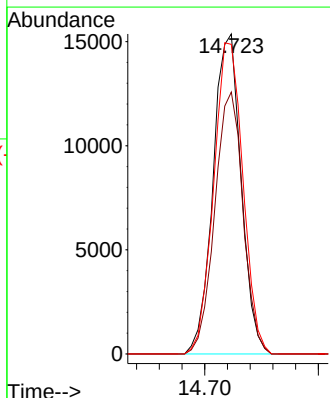
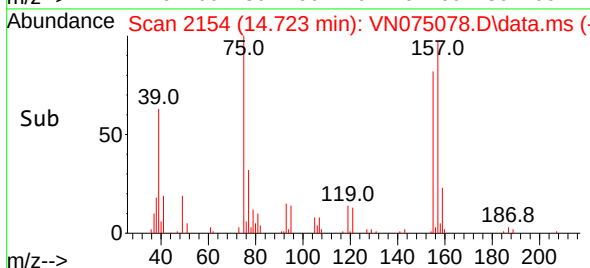
Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

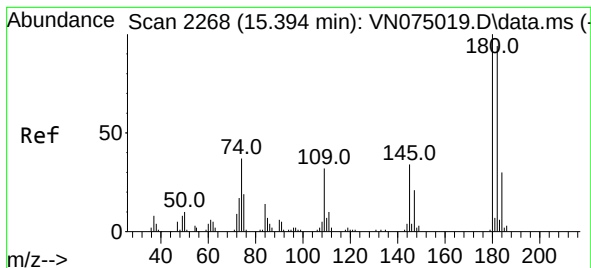


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.702 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15



Tgt Ion: 75 Resp: 26314
Ion Ratio Lower Upper
75 100
155 82.5 42.1 126.3
157 101.6 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 56.097 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075078.D

Acq: 31 Oct 2022 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 84610

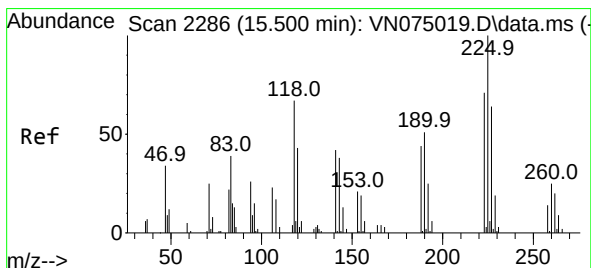
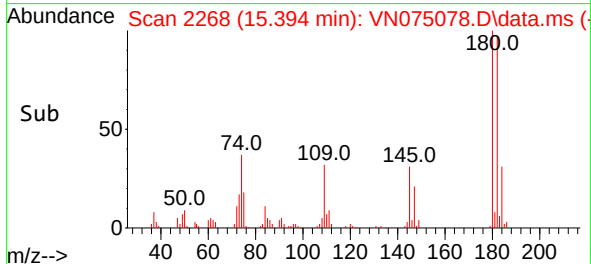
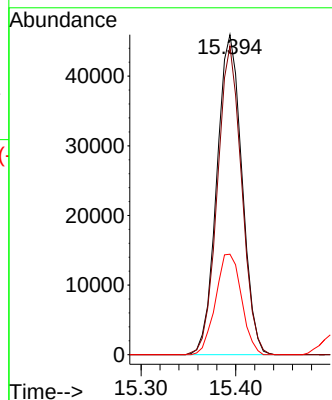
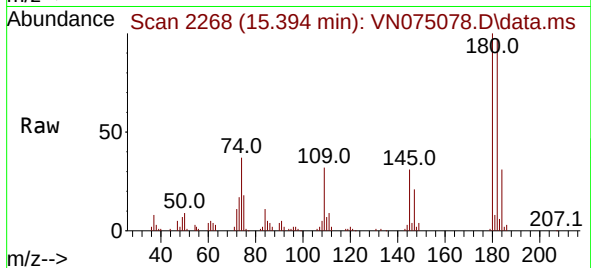
Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.8	143.4
145	32.4	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#94

Hexachlorobutadiene

Concen: 51.781 ug/l

RT: 15.500 min Scan# 2286

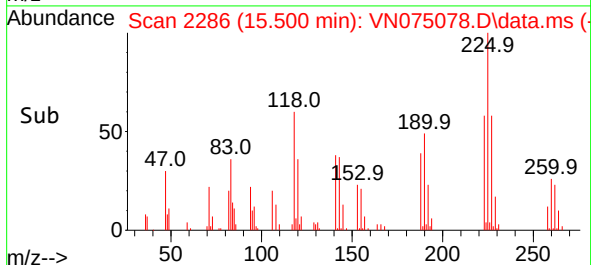
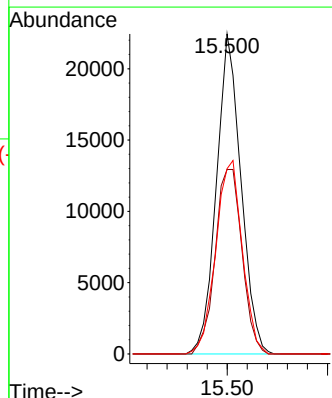
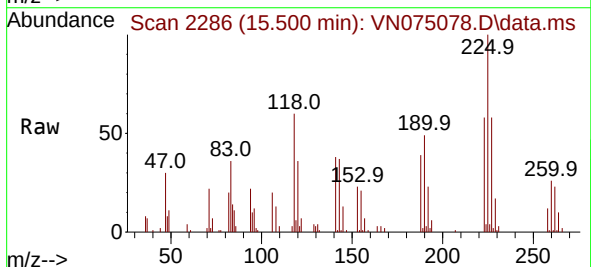
Delta R.T. -0.000 min

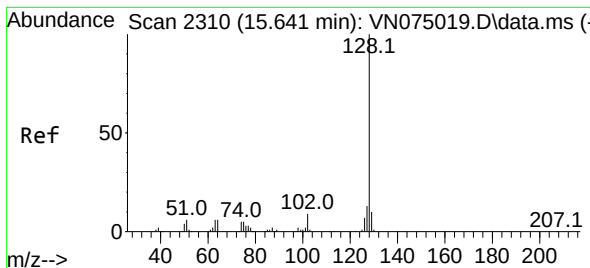
Lab File: VN075078.D

Acq: 31 Oct 2022 11:15

Tgt Ion:225 Resp: 38074

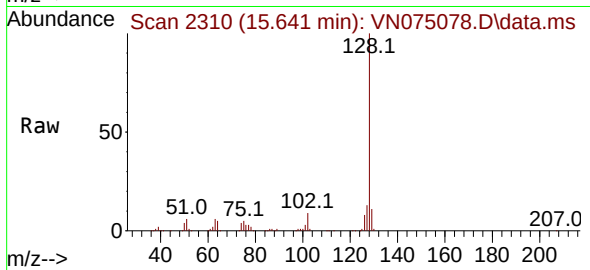
Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.3	96.9
227	65.1	32.0	96.2





#95
Naphthalene
Concen: 52.021 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15

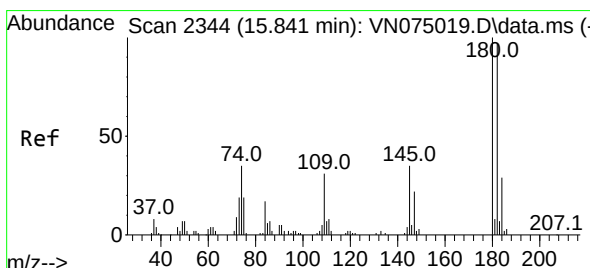
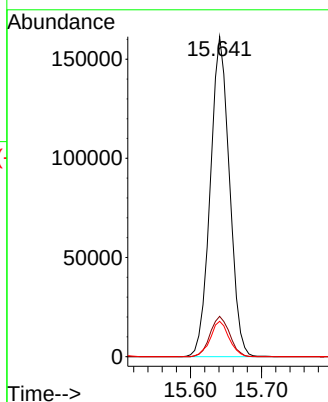
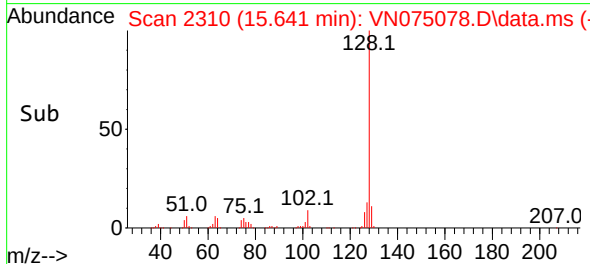
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



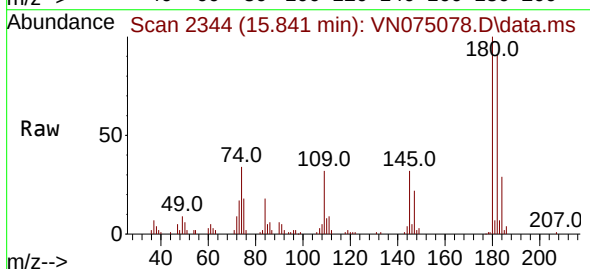
Tgt Ion:128 Resp: 30173
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#96
1,2,3-Trichlorobenzene
Concen: 54.884 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075078.D
Acq: 31 Oct 2022 11:15



Tgt Ion:180 Resp: 82251
Ion Ratio Lower Upper
180 100
182 94.4 47.3 141.8
145 34.3 17.6 52.9

