

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075730.D
 Acq On : 12 Dec 2022 22:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2022
 Supervised By : Mahesh Dadoda 12/13/2022

Quant Time: Dec 13 05:25:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	222760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	354633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	325169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	158878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	129303	54.707	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.420%			
35) Dibromofluoromethane	8.171	113	117704	54.400	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.800%			
50) Toluene-d8	10.571	98	447570	55.082	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.160%			
62) 4-Bromofluorobenzene	12.853	95	155253	55.883	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	84261	51.430	ug/l	97
3) Chloromethane	2.377	50	96969	49.676	ug/l	99
4) Vinyl Chloride	2.524	62	120565	50.282	ug/l	100
5) Bromomethane	2.948	94	102197	50.043	ug/l	96
6) Chloroethane	3.118	64	89700	50.139	ug/l	100
7) Trichlorofluoromethane	3.506	101	182365	52.420	ug/l	97
8) Diethyl Ether	3.971	74	68176	53.604	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	103572	50.729	ug/l	99
10) Methyl Iodide	4.600	142	172915	51.827	ug/l	99
11) Tert butyl alcohol	5.536	59	87973	251.597	ug/l	100
12) 1,1-Dichloroethene	4.353	96	100898	52.872	ug/l	99
13) Acrolein	4.189	56	131125	325.610	ug/l	99
14) Allyl chloride	5.036	41	118419	49.830	ug/l	100
15) Acrylonitrile	5.730	53	243884	270.030	ug/l	100
16) Acetone	4.442	43	182785	228.359	ug/l	98
17) Carbon Disulfide	4.724	76	254617	50.423	ug/l	97
18) Methyl Acetate	5.036	43	124179	48.281	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	351465	54.751	ug/l	98
20) Methylene Chloride	5.289	84	117115	49.081	ug/l	98
21) trans-1,2-Dichloroethene	5.794	96	110943	52.022	ug/l	94
22) Diisopropyl ether	6.683	45	307019	56.781	ug/l	97
23) Vinyl Acetate	6.612	43	1172723m	284.428	ug/l	
24) 1,1-Dichloroethane	6.577	63	193737	54.432	ug/l	99
25) 2-Butanone	7.488	43	302122	258.200	ug/l	95
26) 2,2-Dichloropropane	7.500	77	156394	51.521	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	135354	52.280	ug/l	97
28) Bromochloromethane	7.818	49	79744	56.036	ug/l	100
29) Tetrahydrofuran	7.841	42	195570	271.166	ug/l	99
30) Chloroform	7.971	83	216488	54.914	ug/l	95
31) Cyclohexane	8.265	56	174840	49.963	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	199864	54.951	ug/l	99
36) 1,1-Dichloropropene	8.377	75	160116	55.731	ug/l	99
37) Ethyl Acetate	7.571	43	126057	54.648	ug/l	98
38) Carbon Tetrachloride	8.365	117	177911	53.663	ug/l	96
39) Methylcyclohexane	9.606	83	202317	55.534	ug/l	97
40) Benzene	8.612	78	479359	54.367	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	68577	57.979	ug/l	96
42) 1,2-Dichloroethane	8.677	62	157952	53.552	ug/l	99
43) Isopropyl Acetate	8.694	43	218036	56.619	ug/l	99
44) Trichloroethene	9.359	130	132888	53.424	ug/l	99
45) 1,2-Dichloropropane	9.624	63	115131	54.902	ug/l	95
46) Dibromomethane	9.712	93	87171	55.368	ug/l	99
47) Bromodichloromethane	9.888	83	173512	56.209	ug/l	95
48) Methyl methacrylate	9.682	41	99445	56.069	ug/l	100
49) 1,4-Dioxane	9.700	88	45702	1060.035	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	665138	280.110	ug/l	100
52) Toluene	10.629	92	326401	56.007	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	178067	58.407	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	191698	56.516	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	126168	55.061	ug/l	98
56) Ethyl methacrylate	10.876	69	181107	58.330	ug/l	100
57) 1,3-Dichloropropane	11.165	76	207158	55.934	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	250946	273.739	ug/l	100
59) 2-Hexanone	11.200	43	483613	280.329	ug/l	99
60) Dibromochloromethane	11.365	129	143799	57.030	ug/l	100
61) 1,2-Dibromoethane	11.471	107	129582	53.977	ug/l	99
64) Tetrachloroethene	11.106	164	115153	48.618	ug/l	98
65) Chlorobenzene	11.894	112	352768	52.727	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	134702	55.338	ug/l	99
67) Ethyl Benzene	11.965	91	629656	55.632	ug/l	99
68) m/p-Xylenes	12.071	106	509023	111.305	ug/l	100
69) o-Xylene	12.400	106	250198	56.378	ug/l	98
70) Styrene	12.412	104	413437	58.086	ug/l	99
71) Bromoform	12.582	173	104500	56.637	ug/l #	99
73) Isopropylbenzene	12.700	105	653652	57.299	ug/l	99
74) N-amyl acetate	12.494	43	203897	61.515	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	180446	52.657	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	136554m	42.798	ug/l	
77) Bromobenzene	12.982	156	157058	54.746	ug/l	99
78) n-propylbenzene	13.041	91	749469	59.206	ug/l	99
79) 2-Chlorotoluene	13.129	91	433659	55.490	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	551242	57.798	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	51549	52.497	ug/l	98
82) 4-Chlorotoluene	13.129	91	433659	55.490	ug/l	99
83) tert-Butylbenzene	13.441	119	488519	56.483	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	548791	57.251	ug/l	100
85) sec-Butylbenzene	13.617	105	687934	57.857	ug/l	100
86) p-Isopropyltoluene	13.735	119	578814	58.179	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	287153	53.522	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	285377	52.293	ug/l	100
89) n-Butylbenzene	14.059	91	465001	58.315	ug/l	100
90) Hexachloroethane	14.335	117	100619	59.045	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	280457	52.533	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	30811	54.716	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	142678	55.666	ug/l	99
94) Hexachlorobutadiene	15.506	225	72364	49.760	ug/l	98
95) Naphthalene	15.647	128	424378	56.020	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	136045	54.018	ug/l	98

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

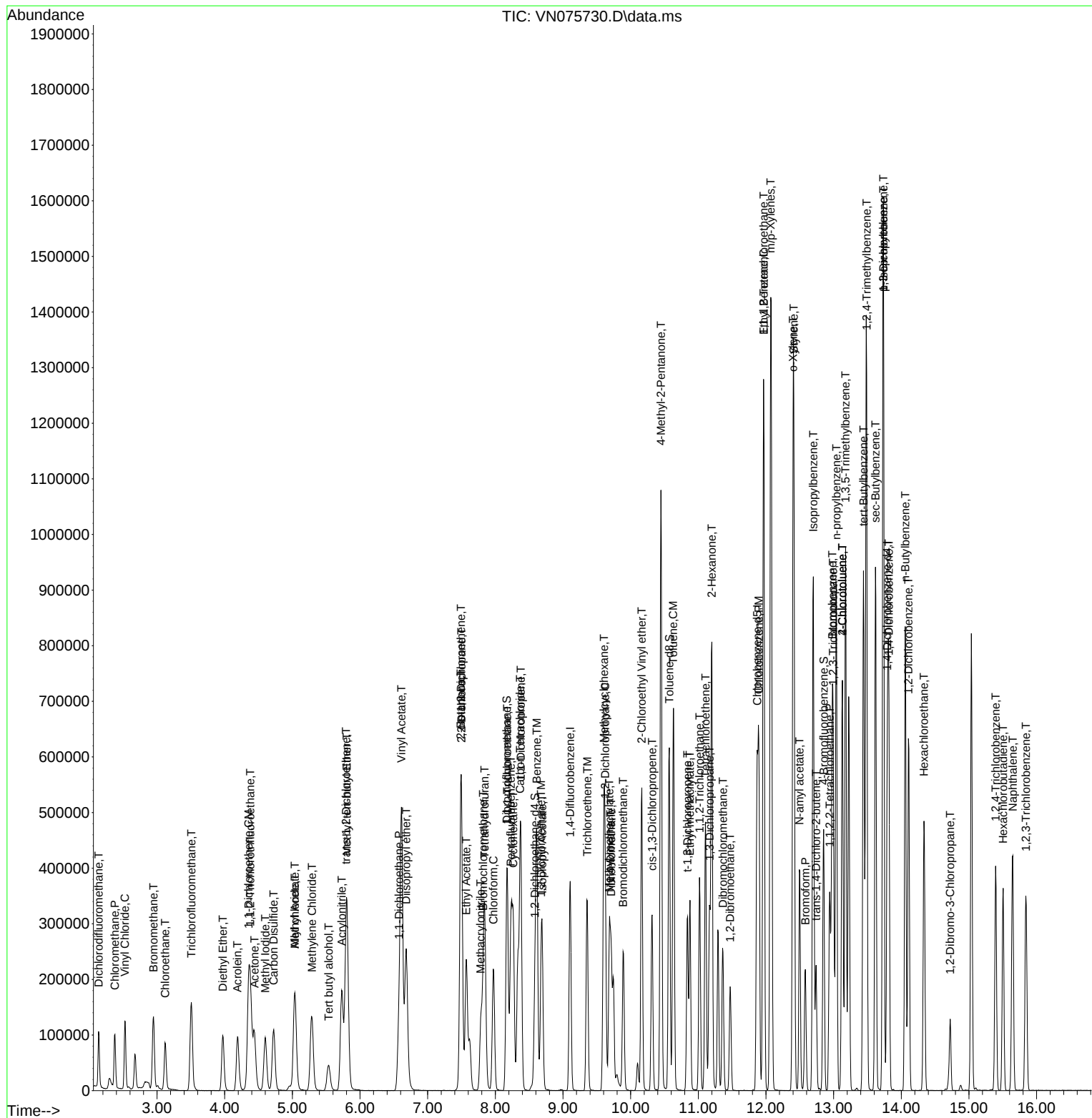
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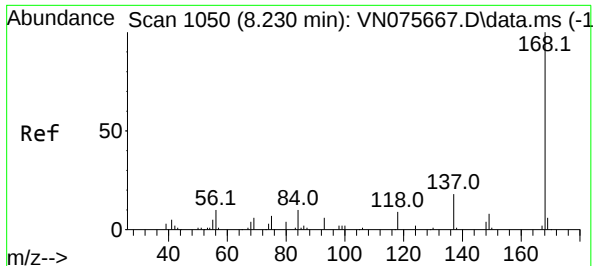
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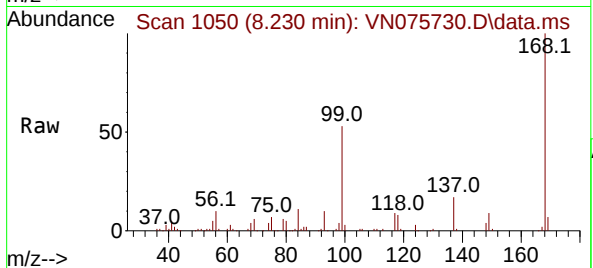
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075730.D
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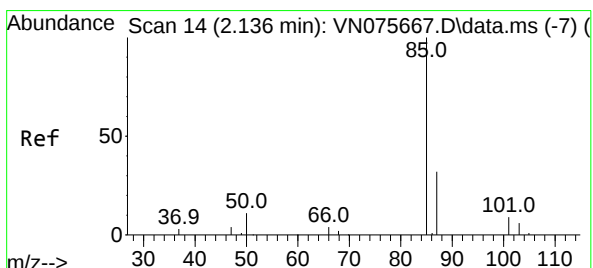
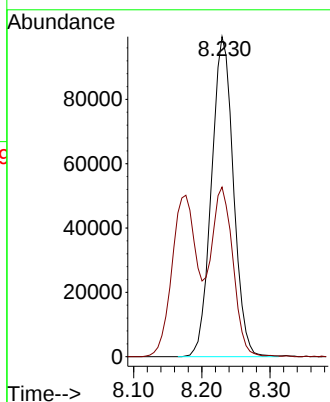
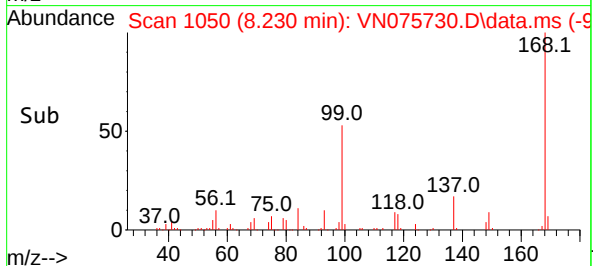
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Tgt Ion:168 Resp: 222760
Ion Ratio Lower Upper
168 100
99 52.8 41.2 61.8

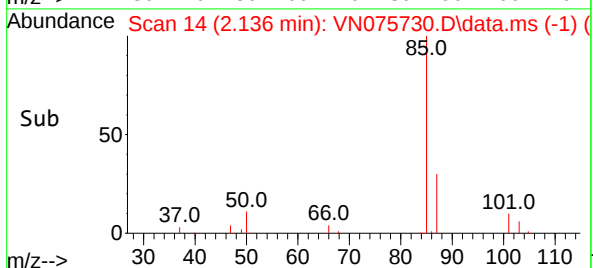
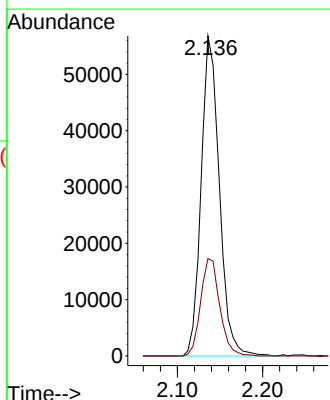
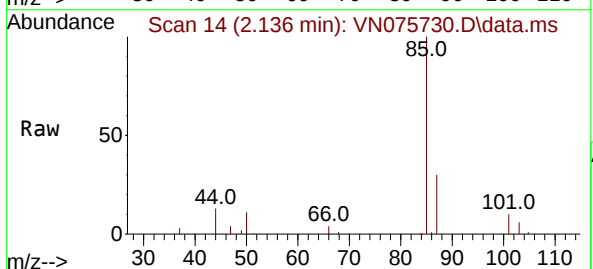
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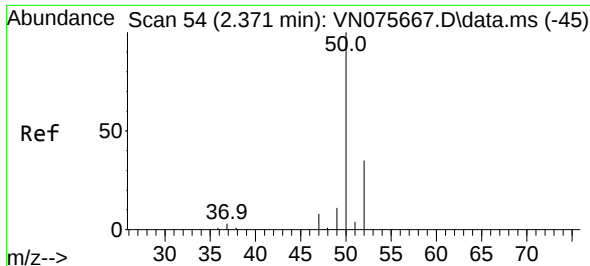
Reviewed By :John Carlone 12/13/2022
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#2
Dichlorodifluoromethane
Concen: 51.430 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

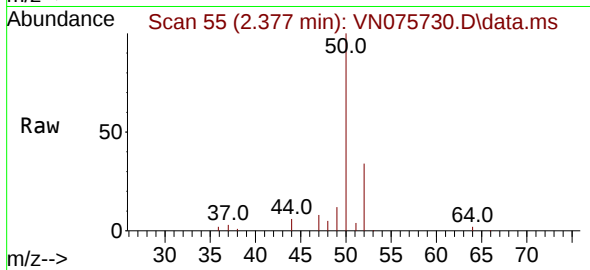
Tgt Ion: 85 Resp: 84261
Ion Ratio Lower Upper
85 100
87 30.4 16.1 48.2





#3
Chloromethane
Concen: 49.676 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

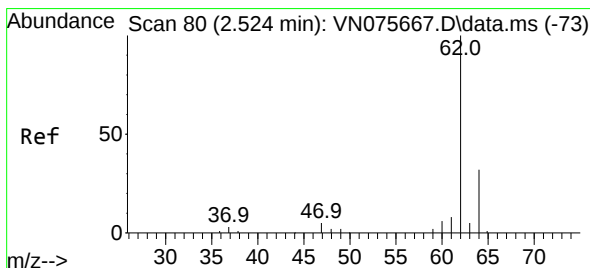
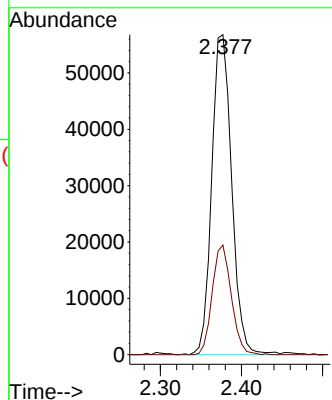
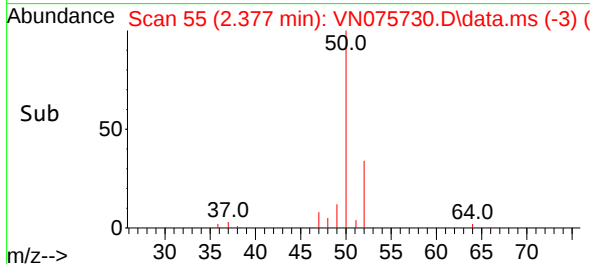
Instrument :
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Tgt Ion: 50 Resp: 96969
Ion Ratio Lower Upper
50 100
52 34.3 27.9 41.9

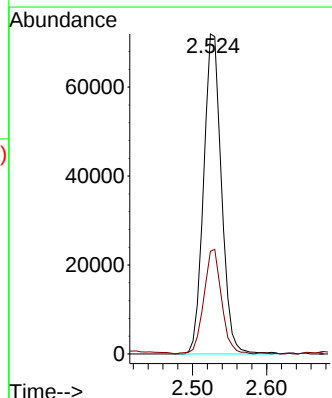
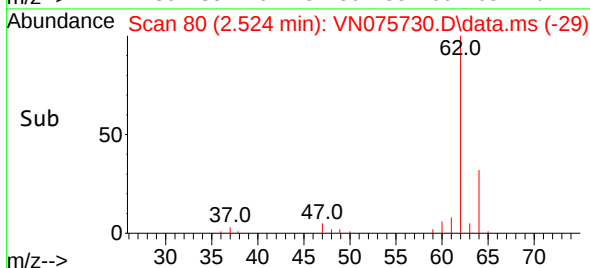
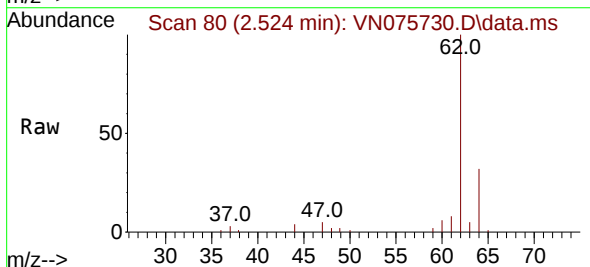
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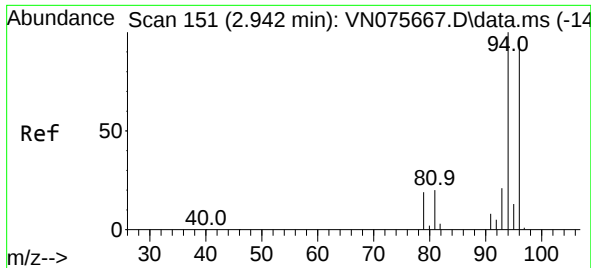
Reviewed By :John Carlone 12/13/2022
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#4
Vinyl Chloride
Concen: 50.282 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

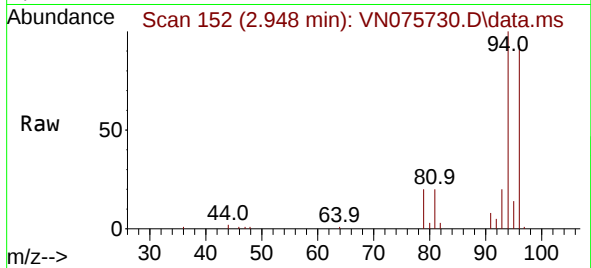
Tgt Ion: 62 Resp: 120565
Ion Ratio Lower Upper
62 100
64 32.1 25.9 38.9





#5
Bromomethane
Concen: 50.043 ug/l
RT: 2.948 min Scan# 151
Delta R.T. 0.006 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

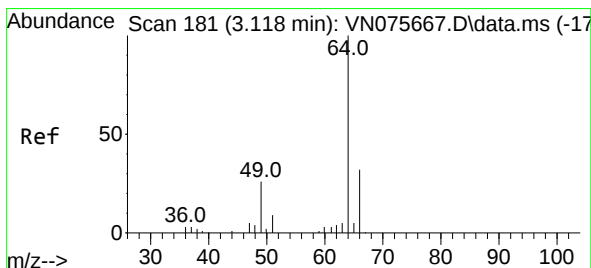
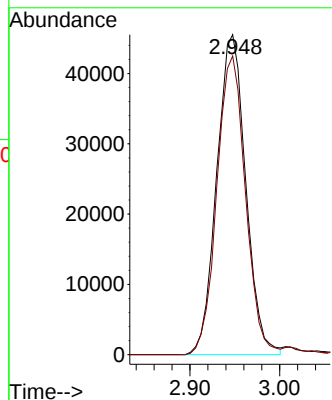
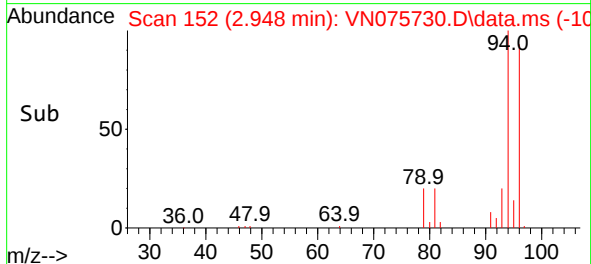
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Tgt Ion: 94 Resp: 102197
Ion Ratio Lower Upper
94 100
96 93.4 77.6 116.4

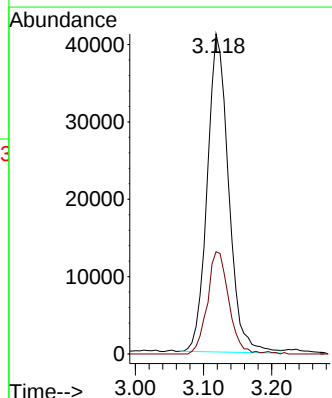
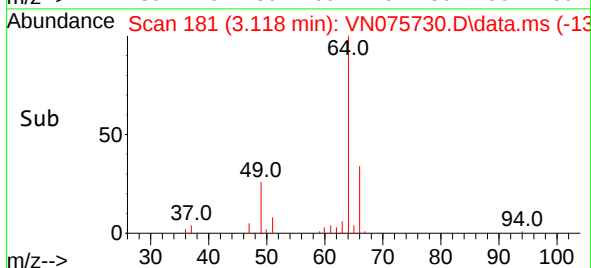
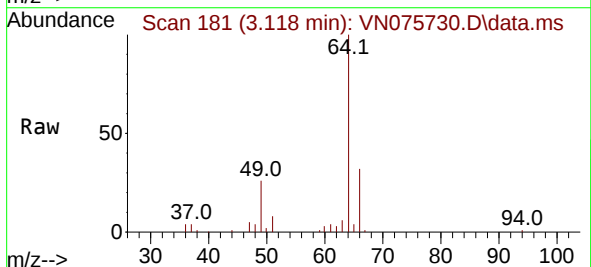
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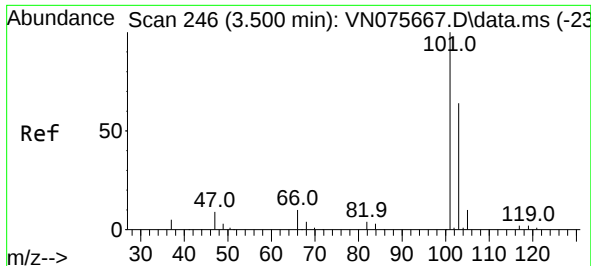
Reviewed By :John Carlone 12/13/2022
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#6
Chloroethane
Concen: 50.139 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

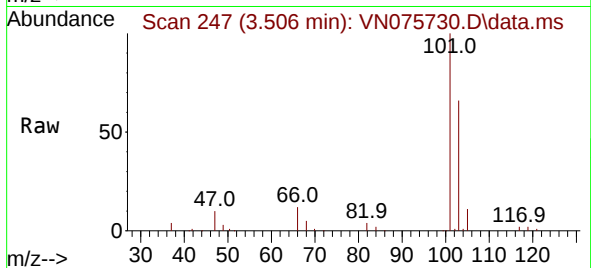
Tgt Ion: 64 Resp: 89700
Ion Ratio Lower Upper
64 100
66 32.2 25.7 38.5





#7
Trichlorofluoromethane
Concen: 52.420 ug/l
RT: 3.506 min Scan# 246
Delta R.T. 0.006 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

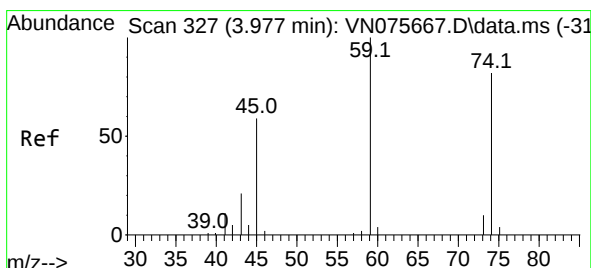
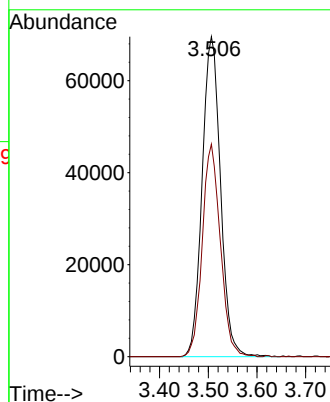
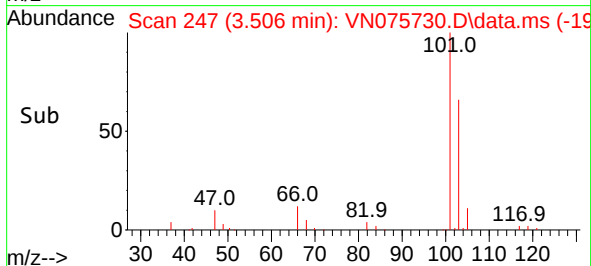
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Tgt Ion:101 Resp: 18236
Ion Ratio Lower Upper
101 100
103 66.4 51.4 77.2

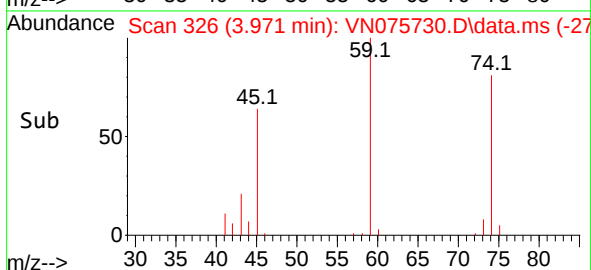
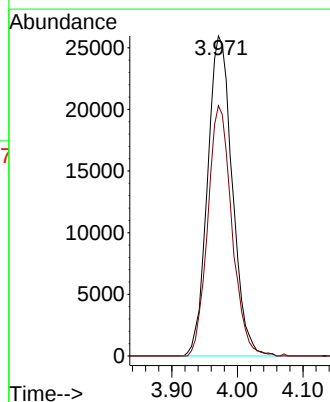
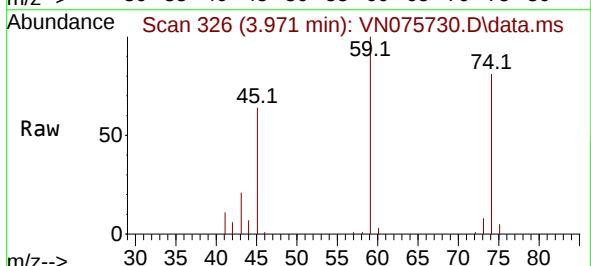
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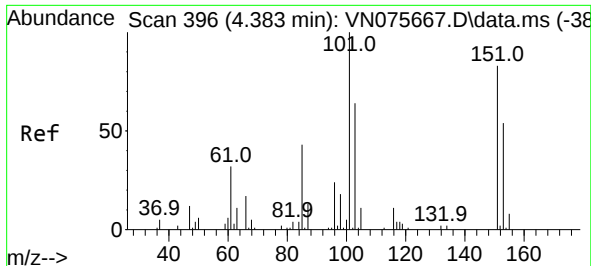
Reviewed By :John Carlone 12/13/2022
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#8
Diethyl Ether
Concen: 53.604 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.006 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

Tgt Ion: 74 Resp: 68176
Ion Ratio Lower Upper
74 100
45 76.0 36.8 110.4





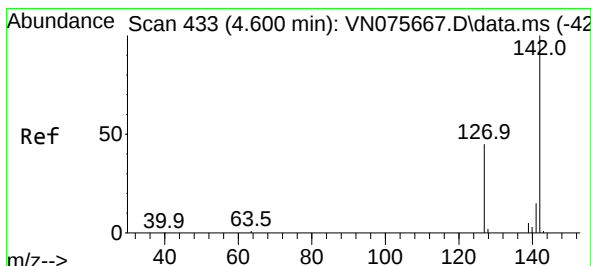
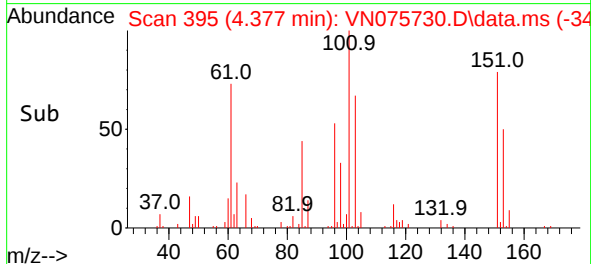
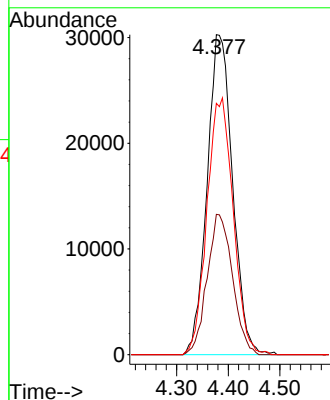
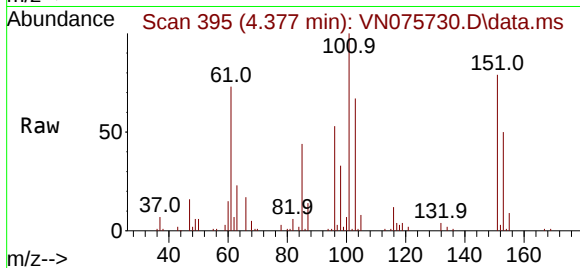
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.729 ug/l
RT: 4.377 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 103572
Ion Ratio Lower Upper
101 100
85 43.7 35.3 52.9
151 82.7 65.6 98.4

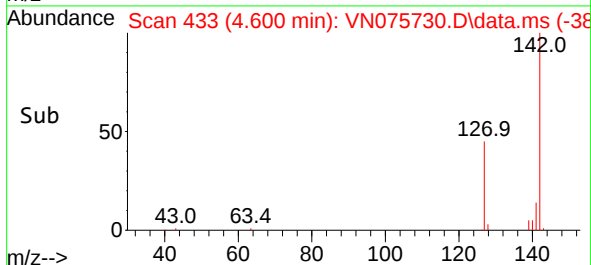
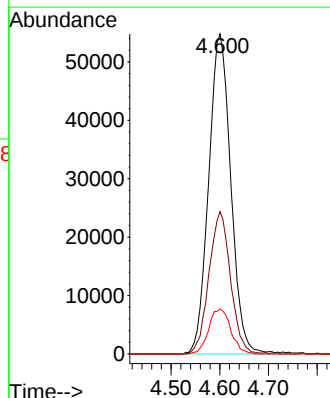
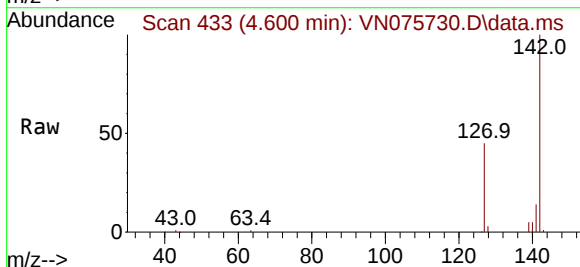
Manual Integrations
APPROVED

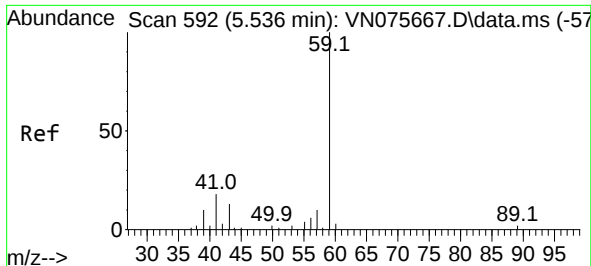
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#10
Methyl Iodide
Concen: 51.827 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

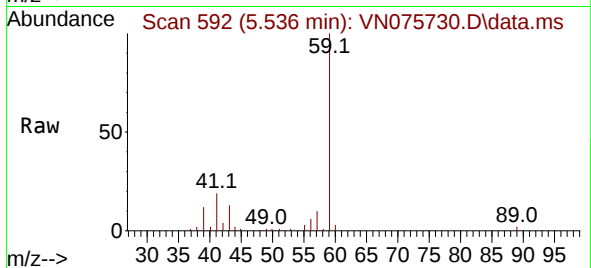
Tgt Ion:142 Resp: 172915
Ion Ratio Lower Upper
142 100
127 43.3 35.0 52.4
141 14.0 11.4 17.2





#11
Tert butyl alcohol
Concen: 251.597 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

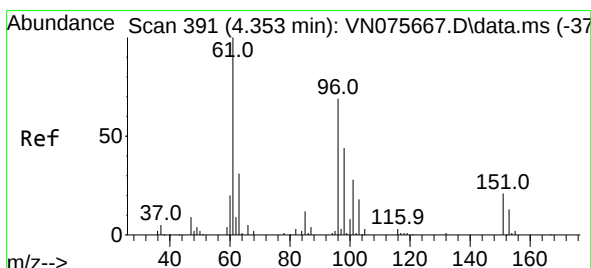
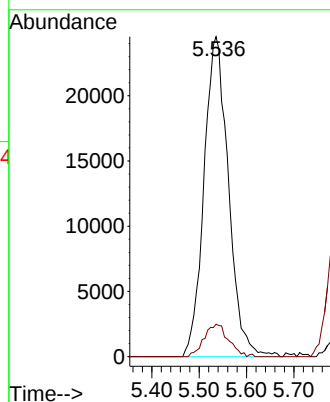
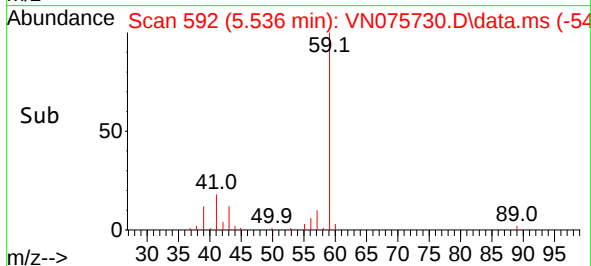
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 8797
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

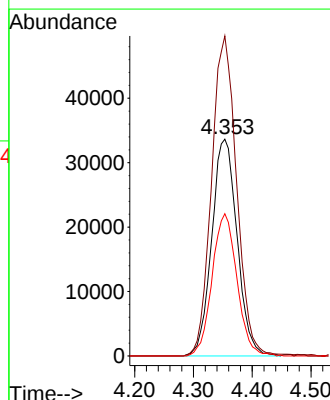
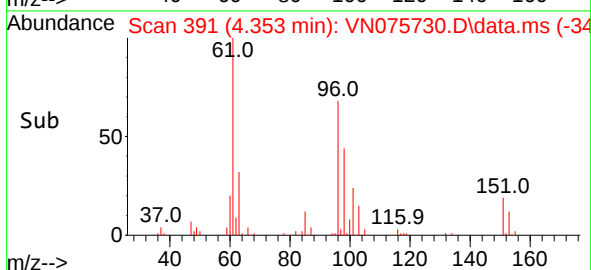
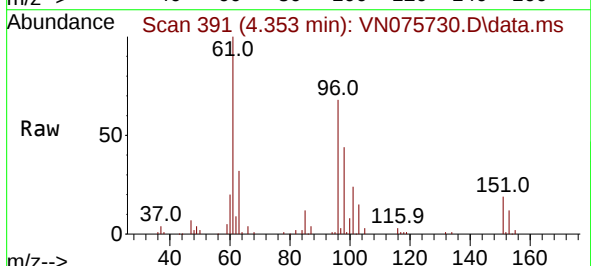
Manual Integrations
APPROVED

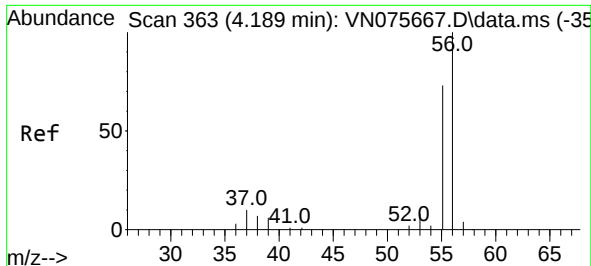
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#12
1,1-Dichloroethene
Concen: 52.872 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

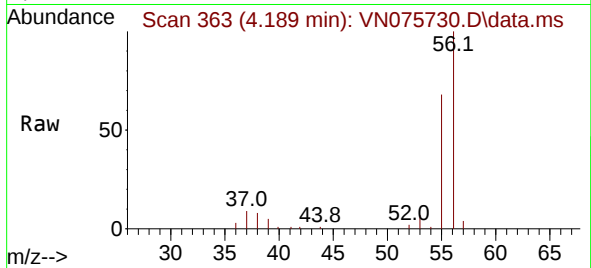
Tgt Ion: 96 Resp: 100898
Ion Ratio Lower Upper
96 100
61 147.6 116.8 175.2
98 65.6 51.6 77.4





#13
Acrolein
Concen: 325.610 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

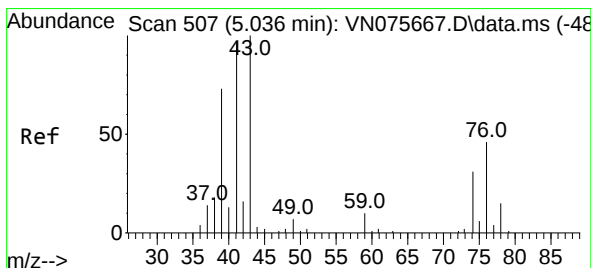
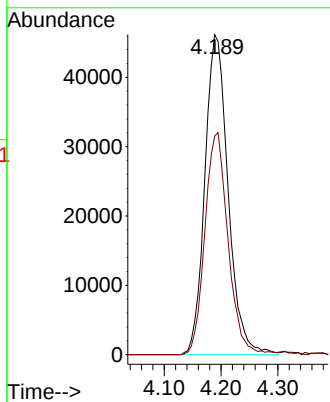
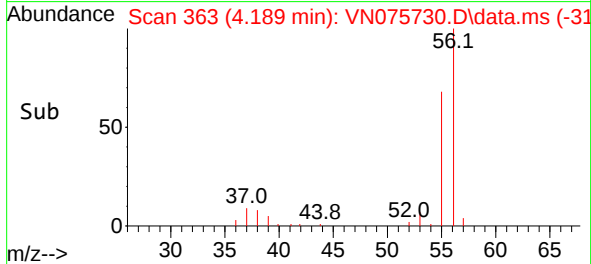
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 13112
Ion Ratio Lower Upper
56 100
55 69.0 55.7 83.5

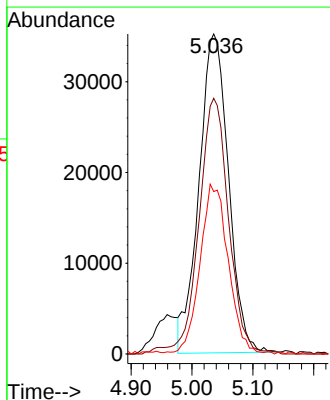
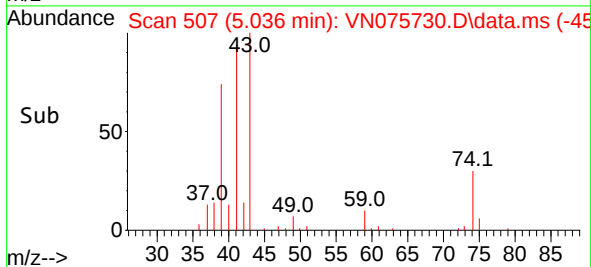
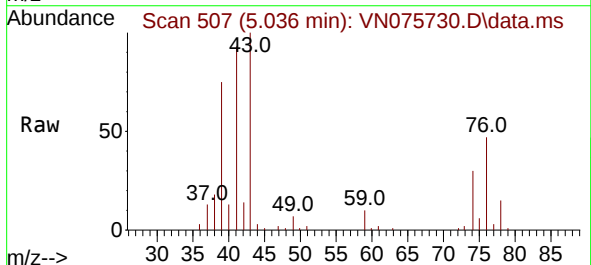
Manual Integrations
APPROVED

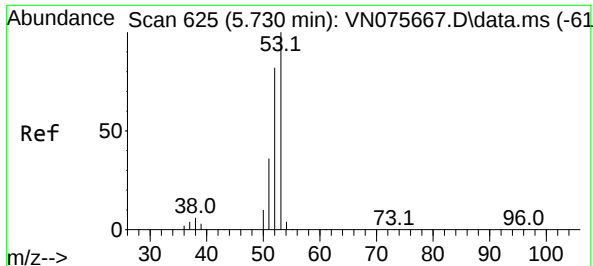
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#14
Allyl chloride
Concen: 49.830 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

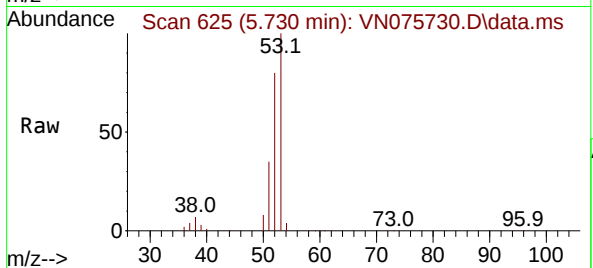
Tgt Ion: 41 Resp: 118419
Ion Ratio Lower Upper
41 100
39 81.0 64.6 96.8
76 51.2 40.9 61.3





#15
Acrylonitrile
Concen: 270.030 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

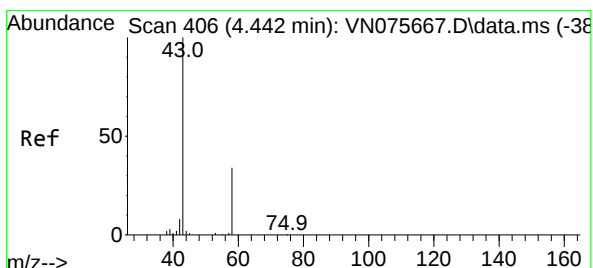
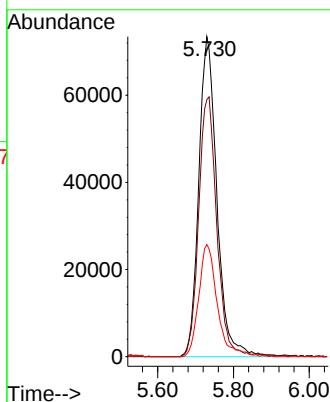
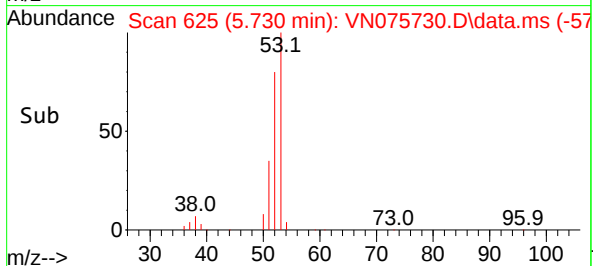
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 243884
Ion Ratio Lower Upper
53 100
52 81.0 65.0 97.4
51 35.8 28.9 43.3

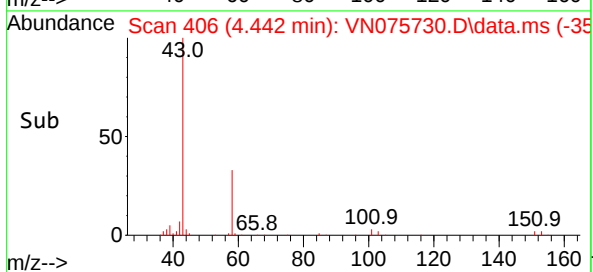
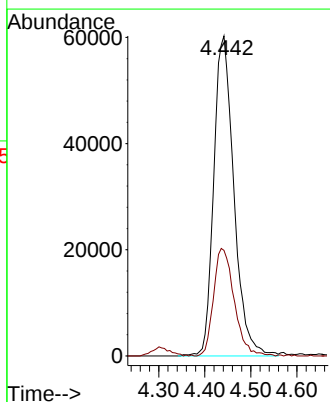
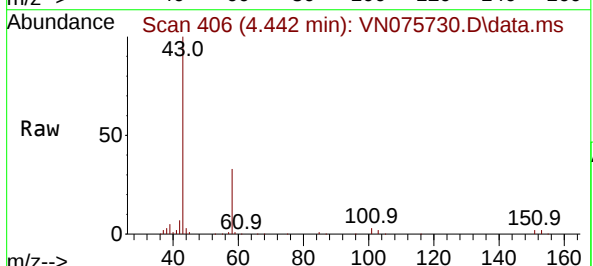
Manual Integrations
APPROVED

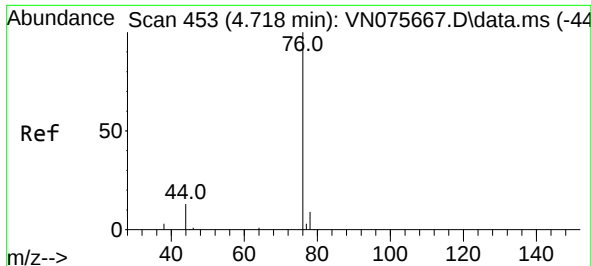
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#16
Acetone
Concen: 228.359 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

Tgt Ion: 43 Resp: 182785
Ion Ratio Lower Upper
43 100
58 32.7 27.0 40.4





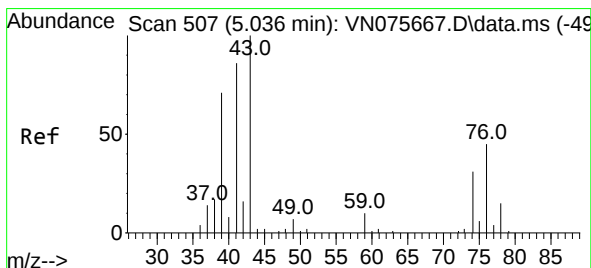
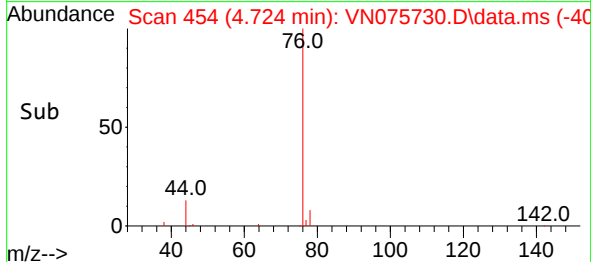
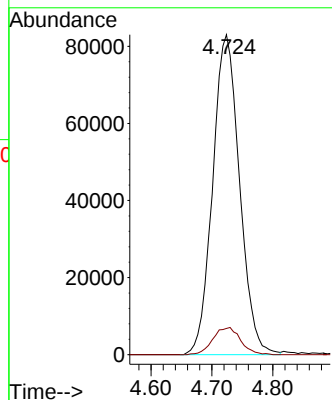
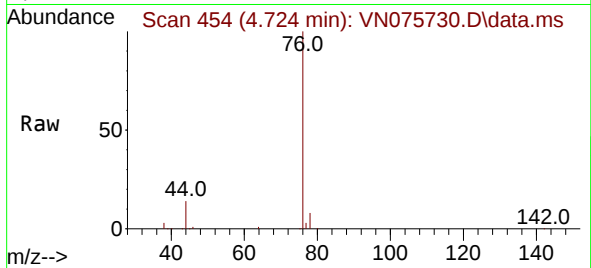
#17
Carbon Disulfide
Concen: 50.423 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 25461
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.2

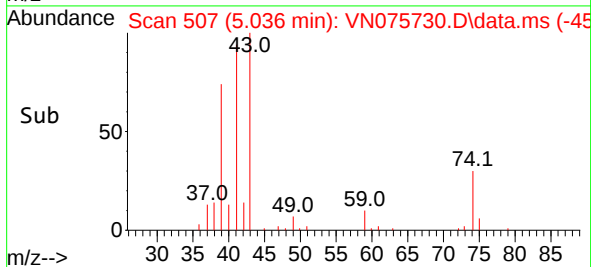
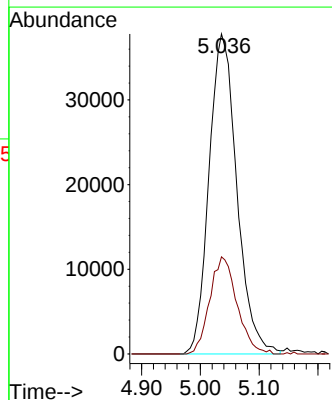
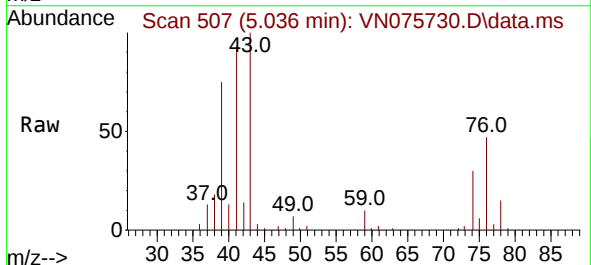
Manual Integrations
APPROVED

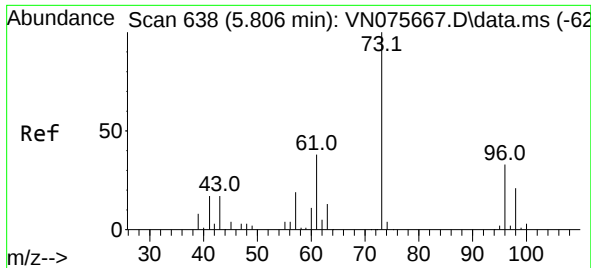
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#18
Methyl Acetate
Concen: 48.281 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

Tgt Ion: 43 Resp: 124179
Ion Ratio Lower Upper
43 100
74 29.7 24.5 36.7





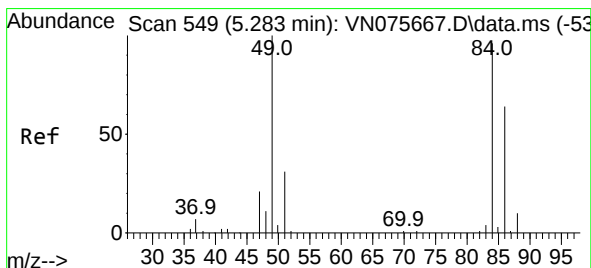
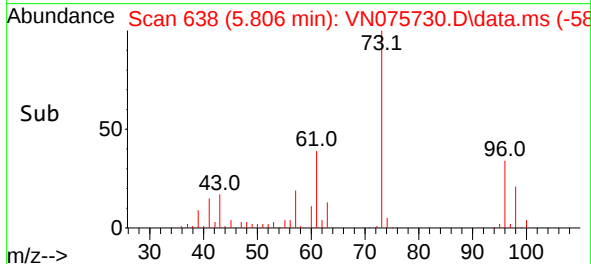
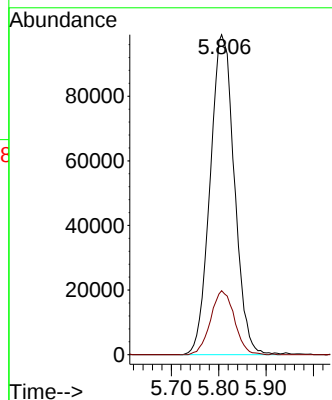
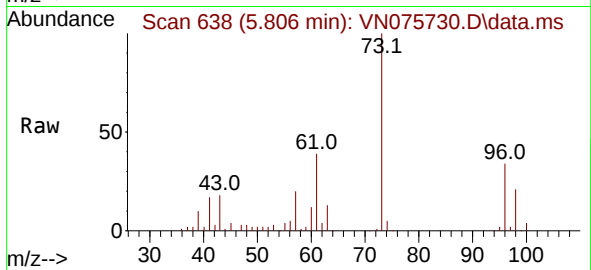
#19
Methyl tert-butyl Ether
Concen: 54.751 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 35146
Ion Ratio Lower Upper
73 100
57 20.0 15.1 22.7

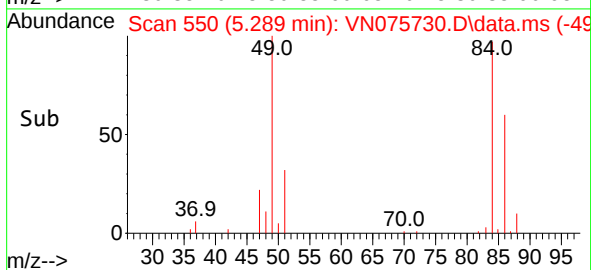
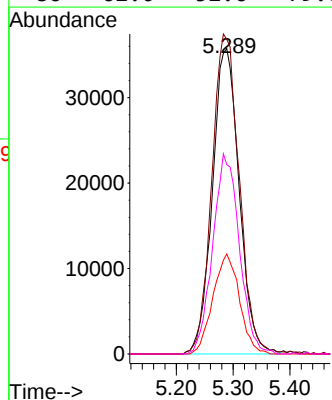
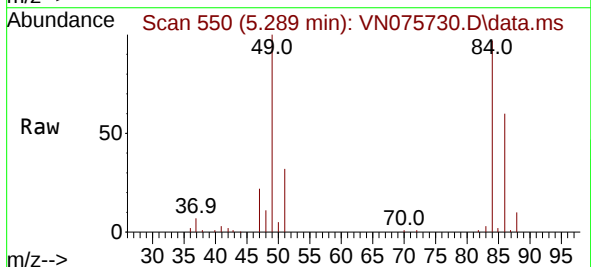
Manual Integrations
APPROVED

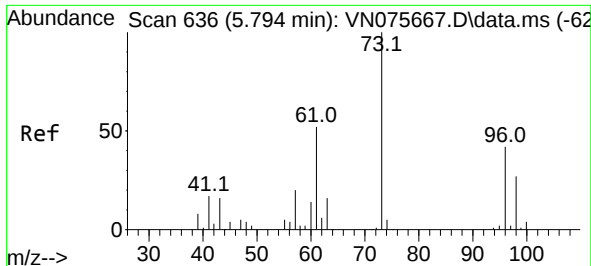
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#20
Methylene Chloride
Concen: 49.081 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

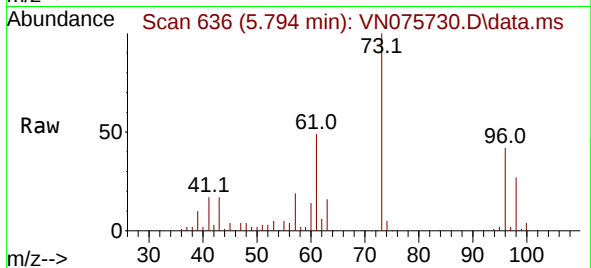
Tgt Ion: 84 Resp: 117115
Ion Ratio Lower Upper
84 100
49 103.0 83.0 124.4
51 32.7 26.0 39.0
86 62.0 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 52.022 ug/l
RT: 5.794 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

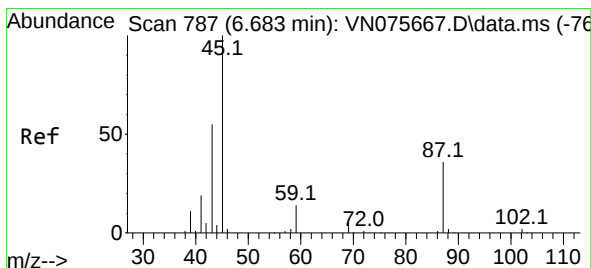
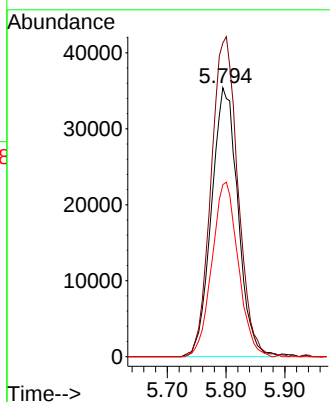
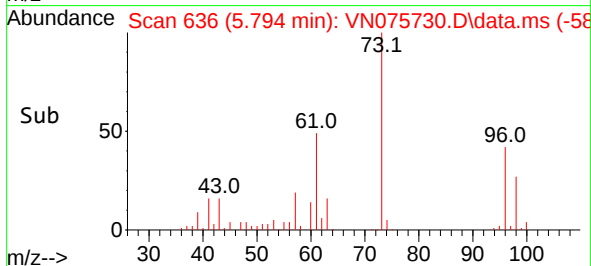
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 11094
Ion Ratio Lower Upper
96 100
61 116.6 100.5 150.7
98 63.9 52.7 79.1

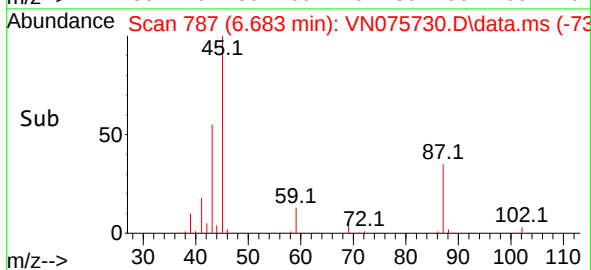
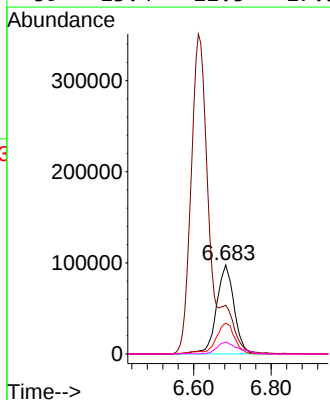
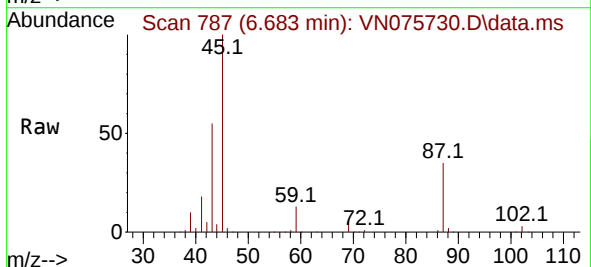
Manual Integrations
APPROVED

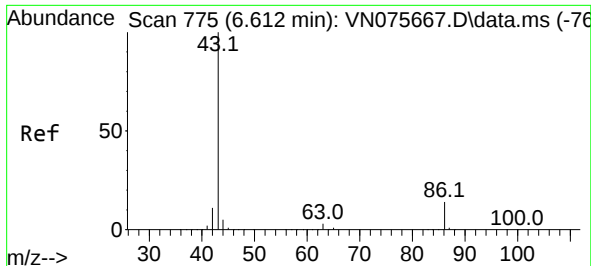
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#22
Diisopropyl ether
Concen: 56.781 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

Tgt Ion: 45 Resp: 307019
Ion Ratio Lower Upper
45 100
43 54.1 44.9 67.3
87 34.6 28.8 43.2
59 13.4 11.5 17.3





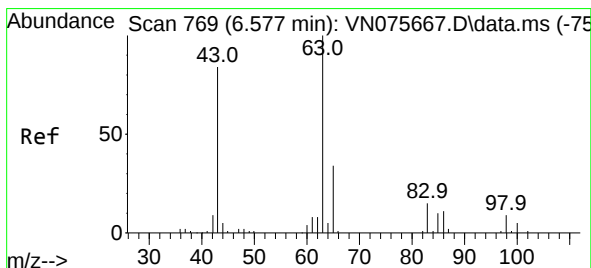
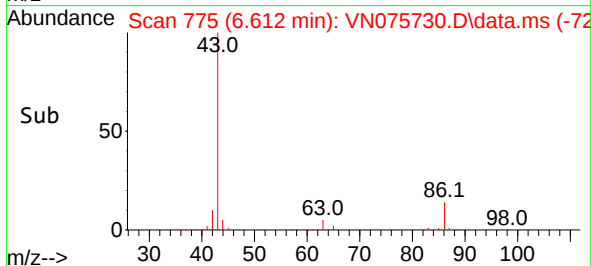
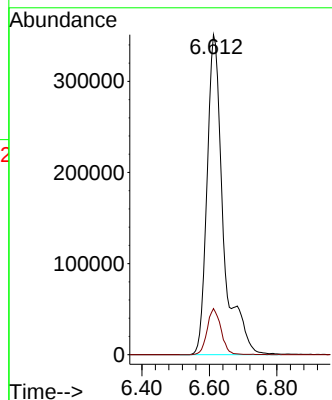
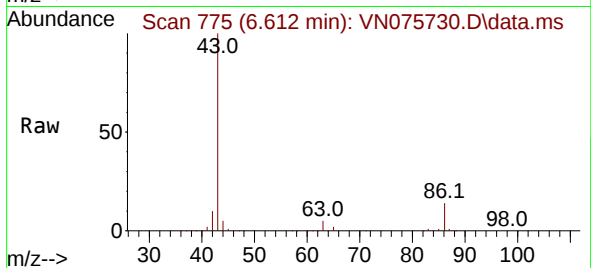
#23
 Vinyl Acetate
 Concen: 284.428 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075730.D
 Acq: 12 Dec 2022 22:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 117272
 Ion Ratio Lower Upper
 43 100
 86 14.4 11.5 17.3

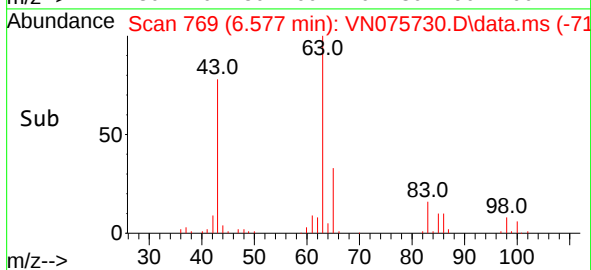
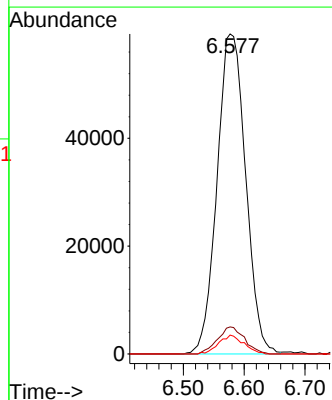
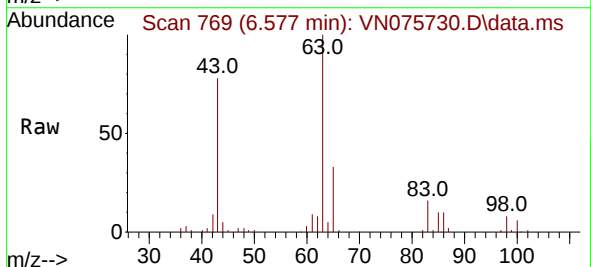
Manual Integrations
 APPROVED

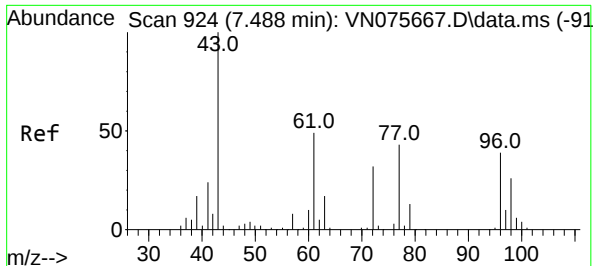
Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022



#24
 1,1-Dichloroethane
 Concen: 54.432 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075730.D
 Acq: 12 Dec 2022 22:04

Tgt Ion: 63 Resp: 193737
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.3 12.9
 100 5.9 2.6 7.8





#25

2-Butanone

Concen: 258.200 ug/l

RT: 7.488 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075730.D

Acq: 12 Dec 2022 22:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 30212

Ion Ratio Lower Upper

43 100

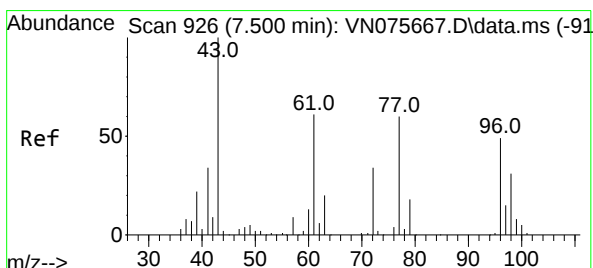
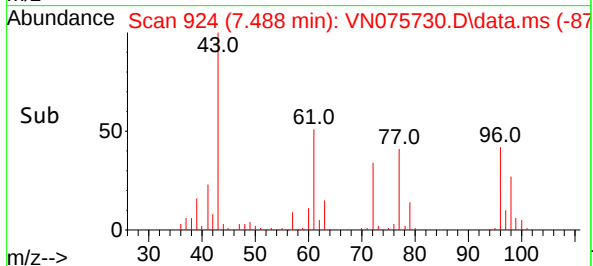
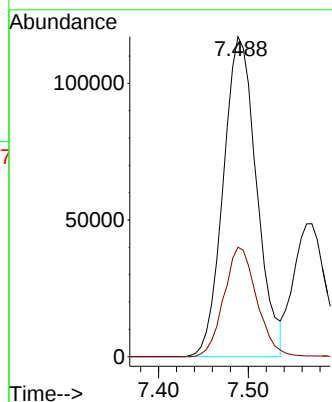
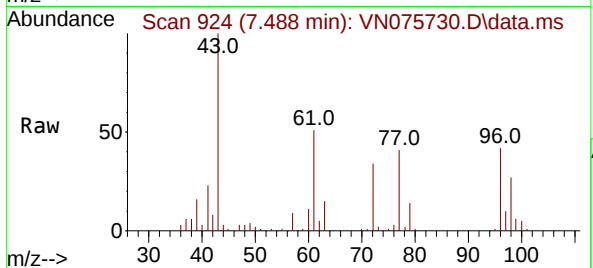
72 34.2 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#26

2,2-Dichloropropane

Concen: 51.521 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN075730.D

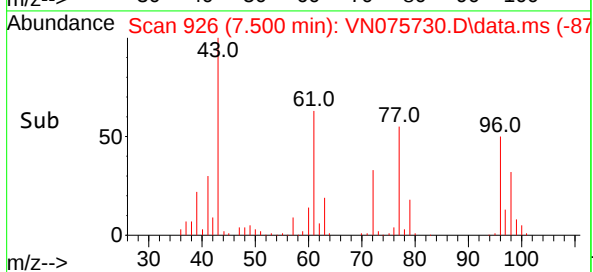
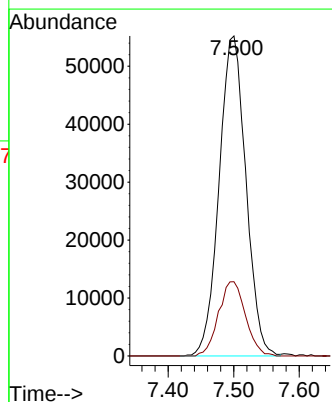
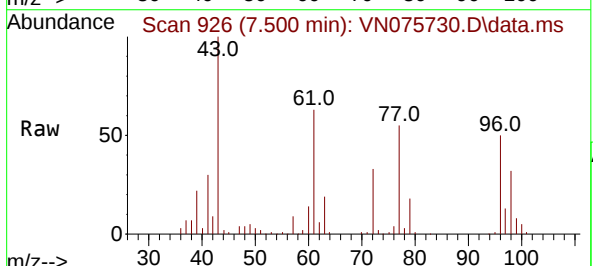
Acq: 12 Dec 2022 22:04

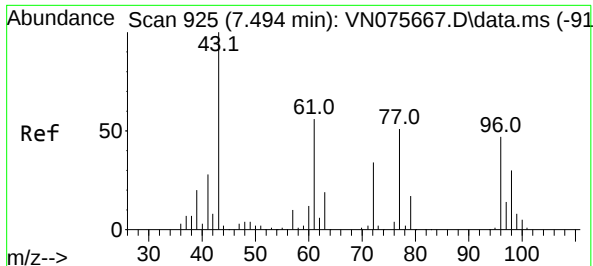
Tgt Ion: 77 Resp: 156394

Ion Ratio Lower Upper

77 100

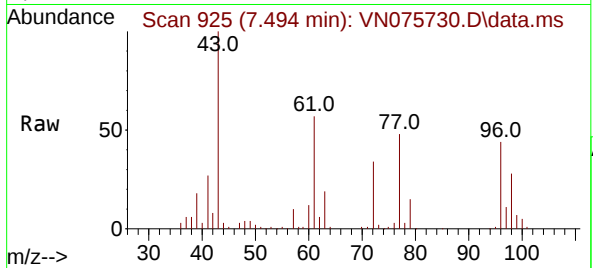
97 23.4 12.2 36.4





#27
 cis-1,2-Dichloroethene
 Concen: 52.280 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075730.D
 Acq: 12 Dec 2022 22:04

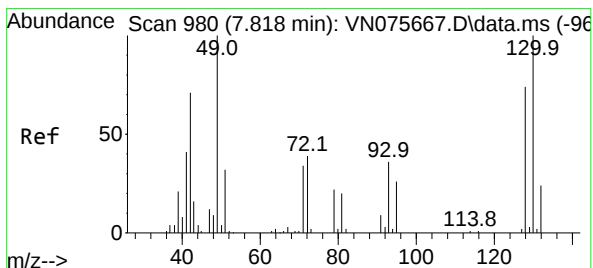
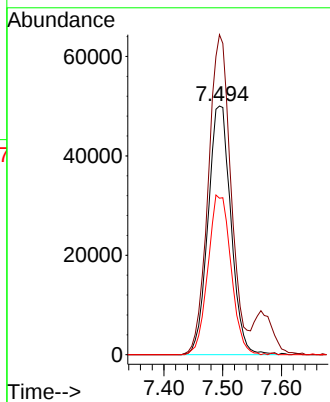
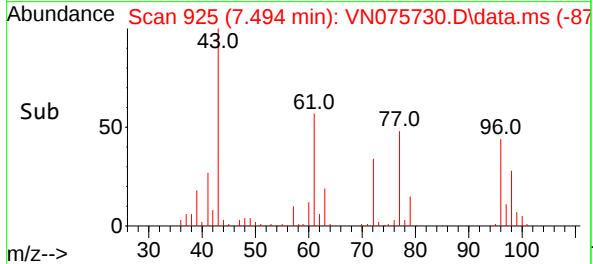
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 135354
 Ion Ratio Lower Upper
 96 100
 61 127.8 0.0 247.8
 98 64.7 0.0 126.0

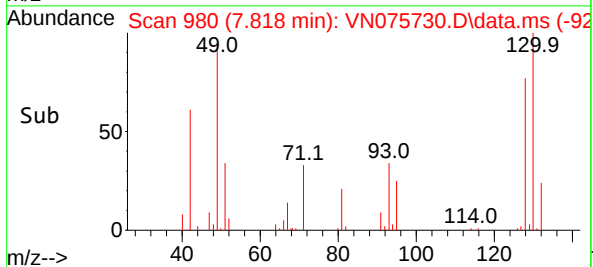
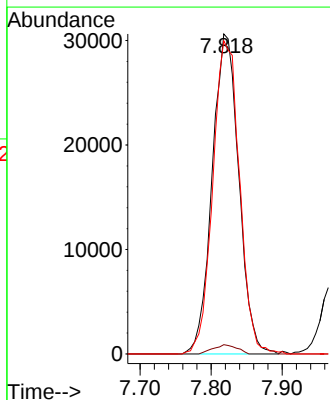
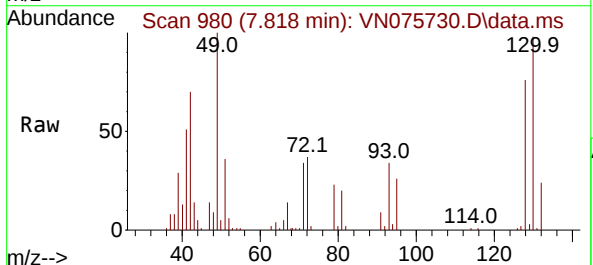
Manual Integrations
 APPROVED

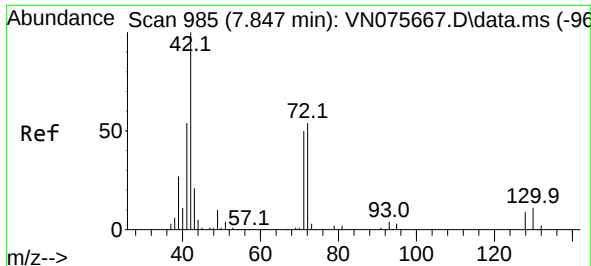
Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022



#28
 Bromochloromethane
 Concen: 56.036 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. 0.000 min
 Lab File: VN075730.D
 Acq: 12 Dec 2022 22:04

Tgt Ion: 49 Resp: 79744
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.4
 130 98.0 78.5 117.7





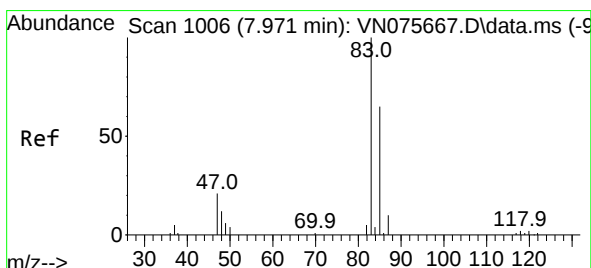
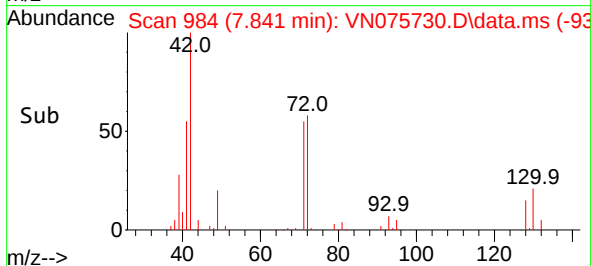
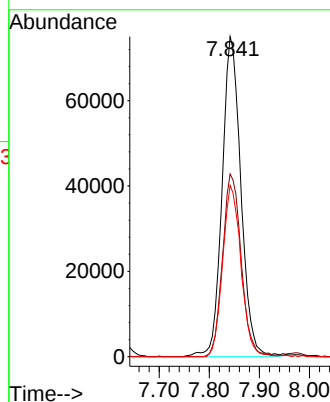
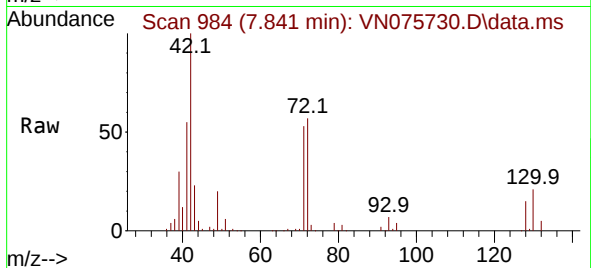
#29
Tetrahydrofuran
Concen: 271.166 ug/l
RT: 7.841 min Scan# 985
Delta R.T. -0.006 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 195570
Ion Ratio Lower Upper
42 100
72 56.4 44.6 67.0
71 52.1 41.2 61.8

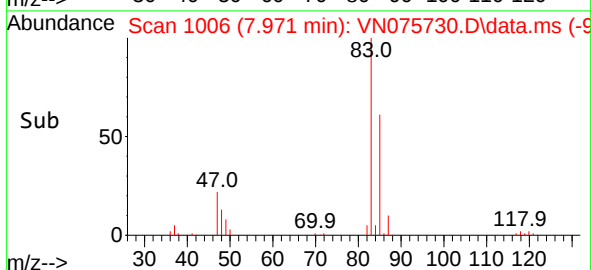
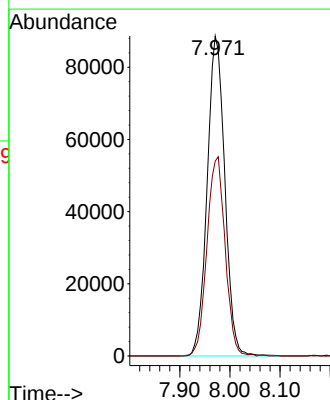
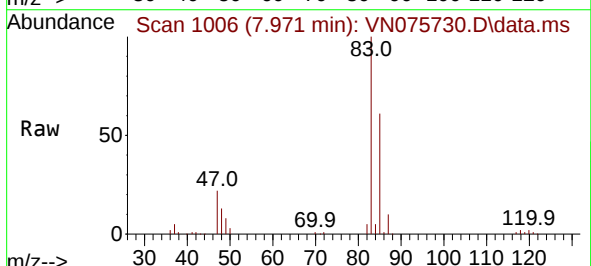
Manual Integrations
APPROVED

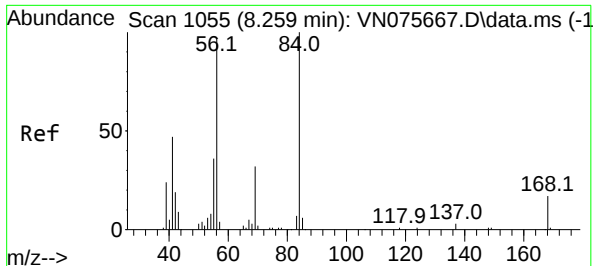
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#30
Chloroform
Concen: 54.914 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

Tgt Ion: 83 Resp: 216488
Ion Ratio Lower Upper
83 100
85 60.9 51.8 77.6





#31

Cyclohexane

Concen: 49.963 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN075730.D

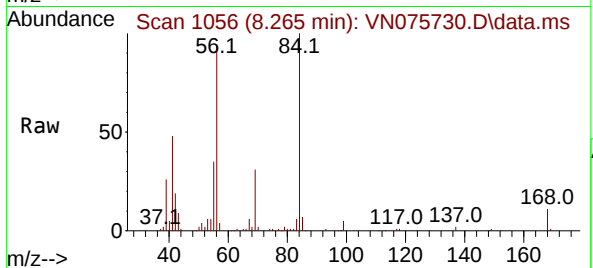
Acq: 12 Dec 2022 22:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 56 Resp: 174840

Ion Ratio Lower Upper

56 100

69 32.4 26.2 39.2

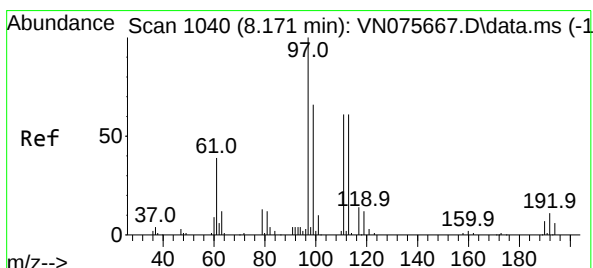
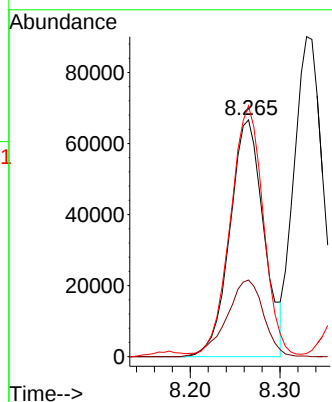
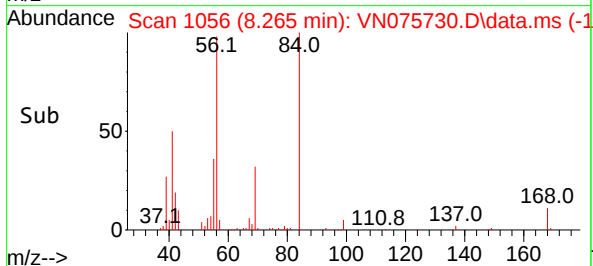
84 104.4 82.8 124.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#32

1,1,1-Trichloroethane

Concen: 54.951 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075730.D

Acq: 12 Dec 2022 22:04

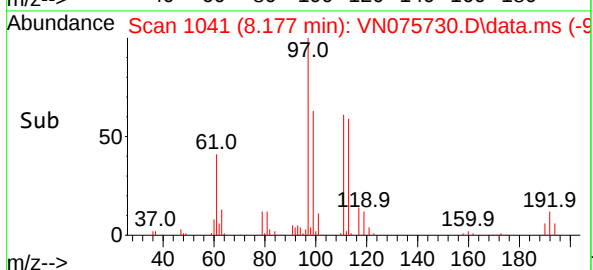
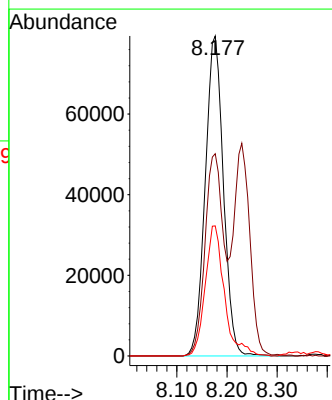
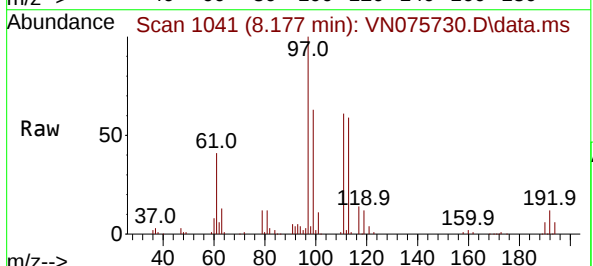
Tgt Ion: 97 Resp: 199864

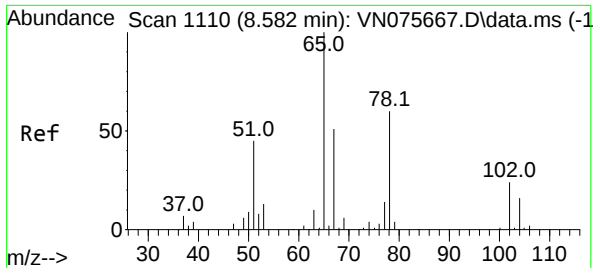
Ion Ratio Lower Upper

97 100

99 62.9 51.2 76.8

61 43.1 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 54.707 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075730.D

Acq: 12 Dec 2022 22:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 12930

Ion Ratio Lower Upper

65 100

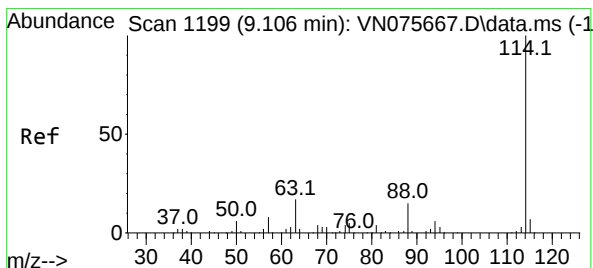
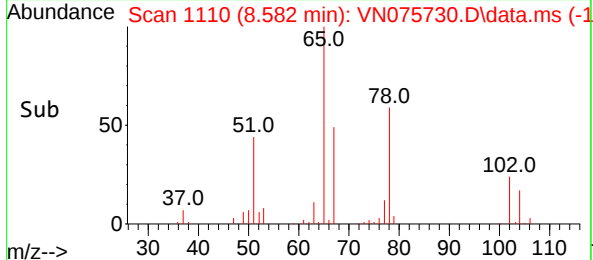
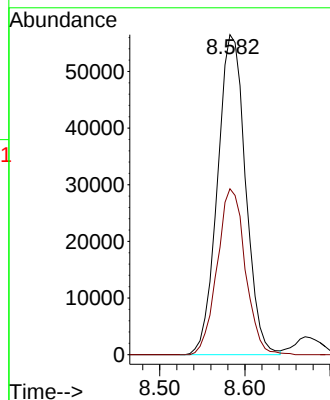
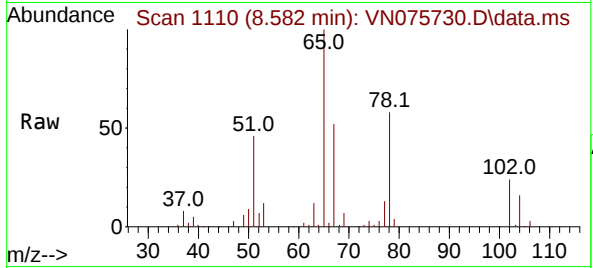
67 51.8 0.0 104.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075730.D

Acq: 12 Dec 2022 22:04

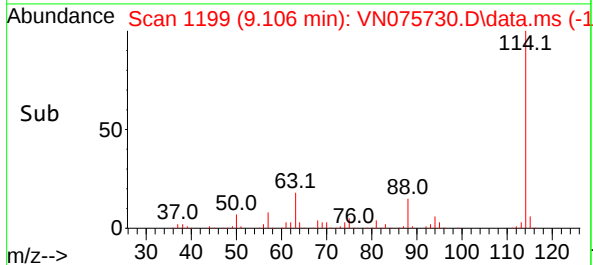
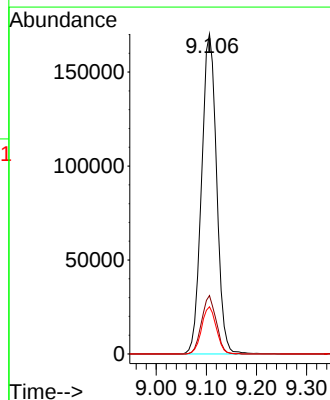
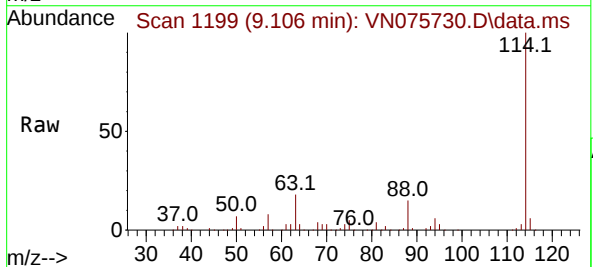
Tgt Ion:114 Resp: 354633

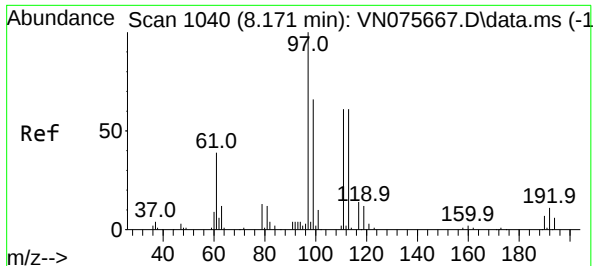
Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.4

88 14.8 0.0 29.2





#35

Dibromofluoromethane

Concen: 54.400 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075730.D

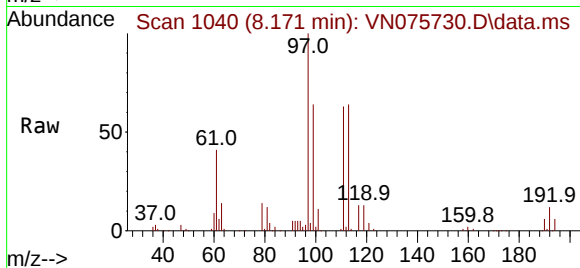
Acq: 12 Dec 2022 22:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



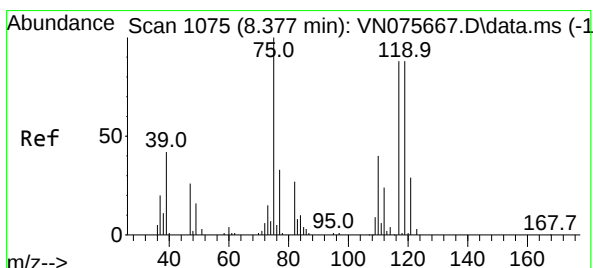
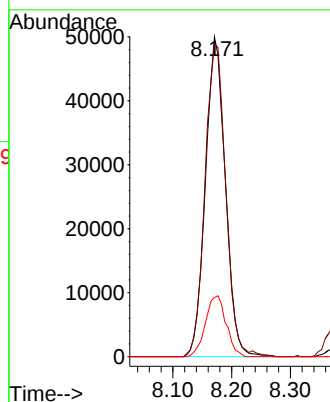
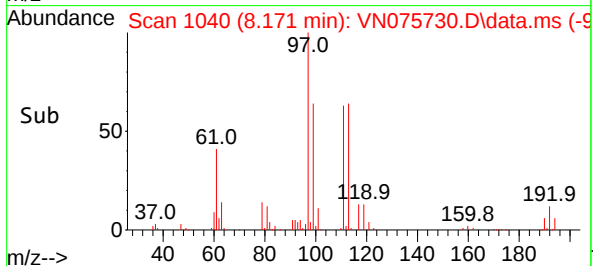
Tgt Ion:	113	Resp:	117704
Ion Ratio	Lower	Upper	
113	100		
111	101.6	81.0	121.6
192	19.7	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#36

1,1-Dichloropropene

Concen: 55.731 ug/l

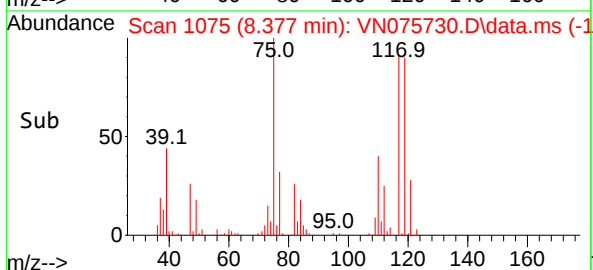
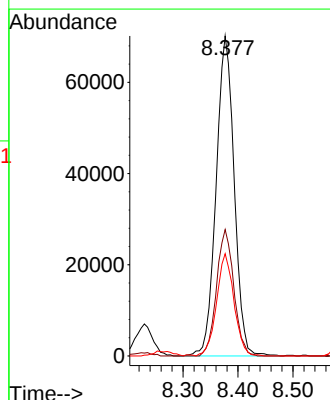
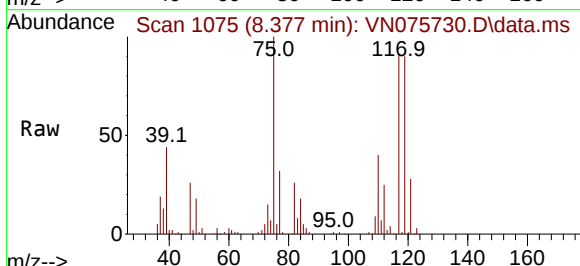
RT: 8.377 min Scan# 1075

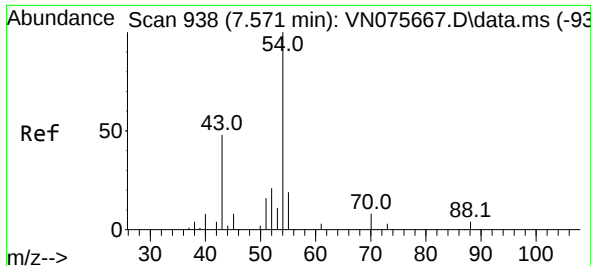
Delta R.T. 0.000 min

Lab File: VN075730.D

Acq: 12 Dec 2022 22:04

Tgt Ion:	75	Resp:	160116
Ion Ratio	Lower	Upper	
75	100		
110	37.9	18.9	56.9
77	30.8	25.4	38.2





#37

Ethyl Acetate

Concen: 54.648 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075730.D

Acq: 12 Dec 2022 22:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 12605

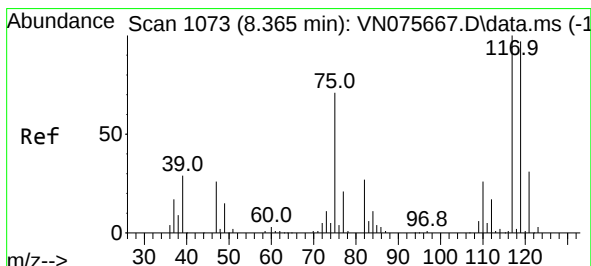
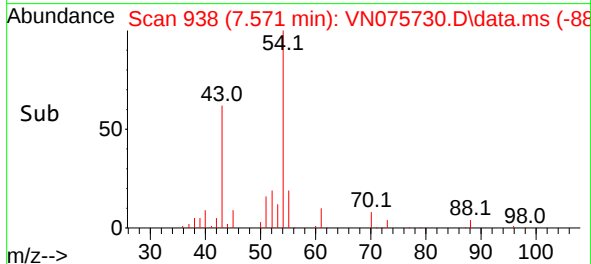
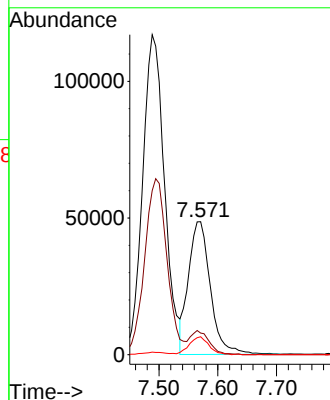
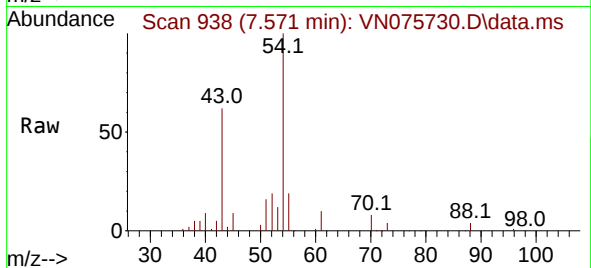
Ion	Ratio	Lower	Upper
43	100		
61	15.3	13.3	19.9
70	12.0	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#38

Carbon Tetrachloride

Concen: 53.663 ug/l

RT: 8.365 min Scan# 1073

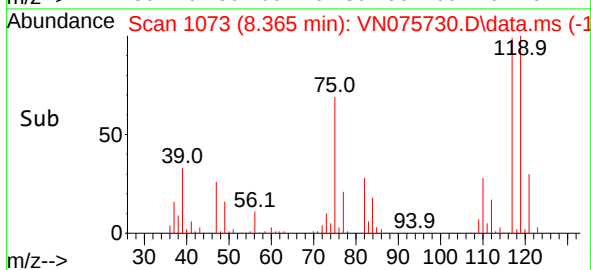
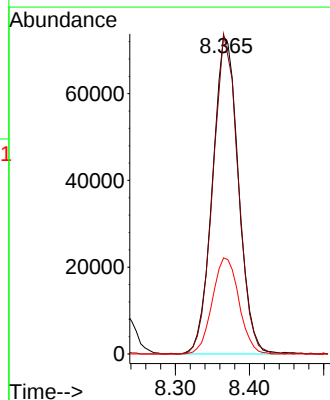
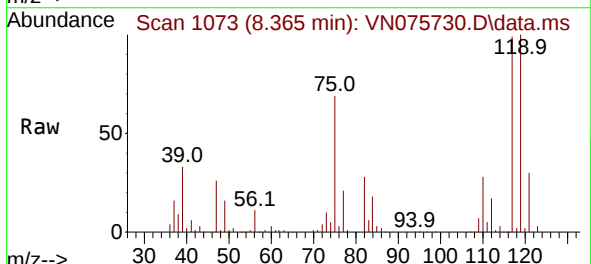
Delta R.T. 0.000 min

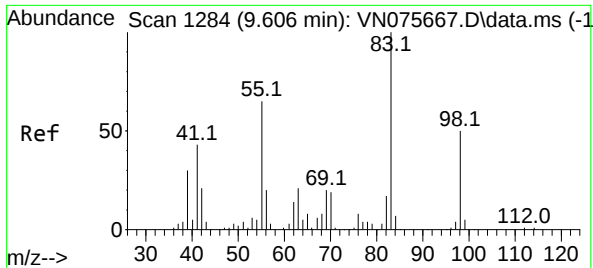
Lab File: VN075730.D

Acq: 12 Dec 2022 22:04

Tgt Ion:117 Resp: 177911

Ion	Ratio	Lower	Upper
117	100		
119	100.7	77.2	115.8
121	30.2	24.6	37.0





#39

Methylcyclohexane

Concen: 55.534 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075730.D

Acq: 12 Dec 2022 22:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 20231

Ion Ratio Lower Upper

83 100

55 63.0 51.6 77.4

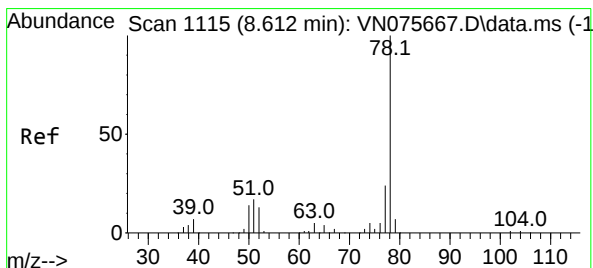
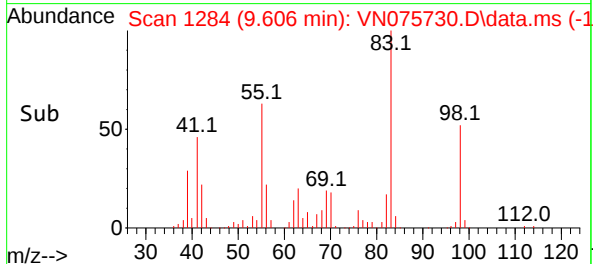
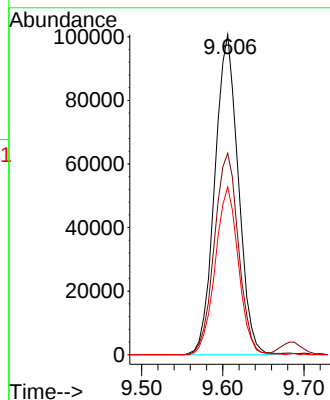
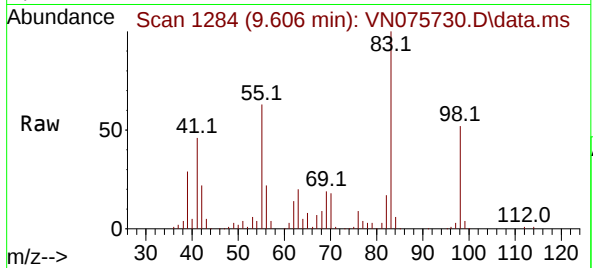
98 52.4 39.8 59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#40

Benzene

Concen: 54.367 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075730.D

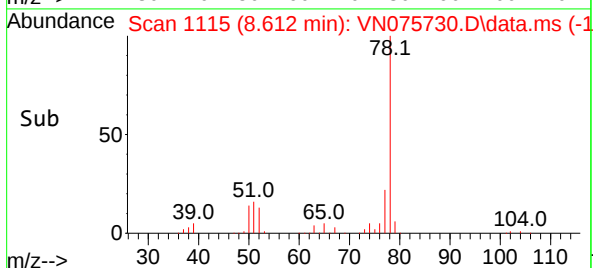
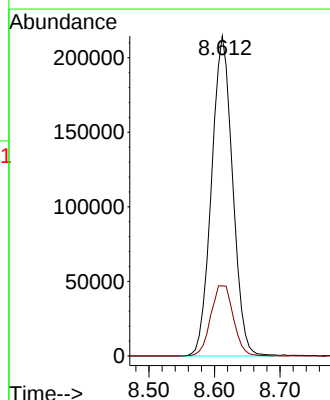
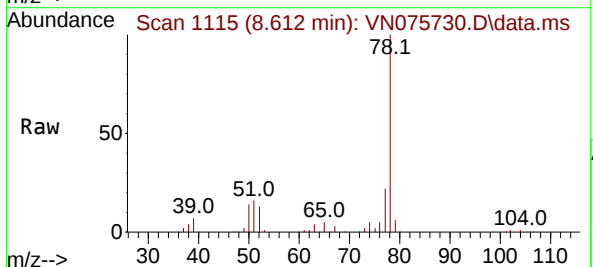
Acq: 12 Dec 2022 22:04

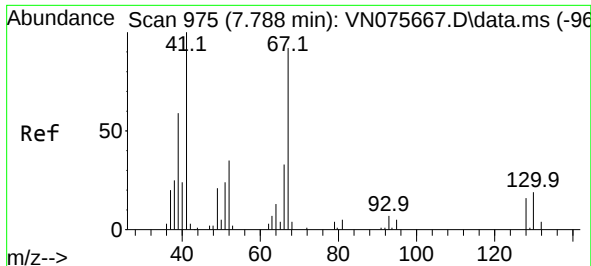
Tgt Ion: 78 Resp: 479359

Ion Ratio Lower Upper

78 100

77 21.9 19.1 28.7





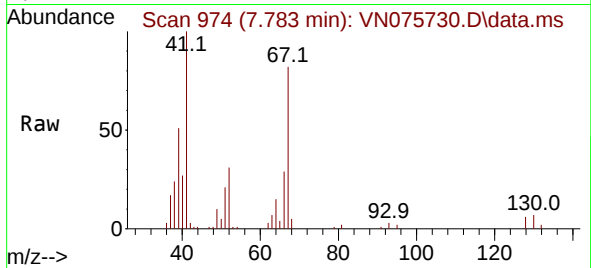
#41
Methacrylonitrile
Concen: 57.979 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



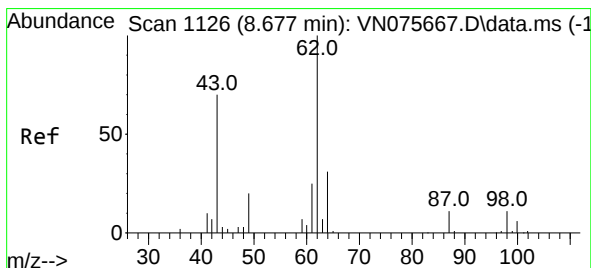
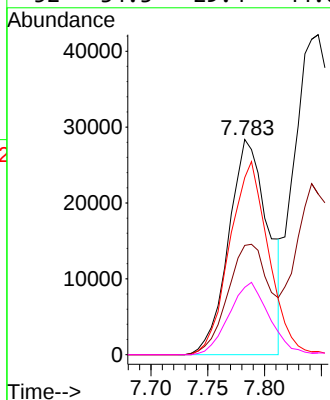
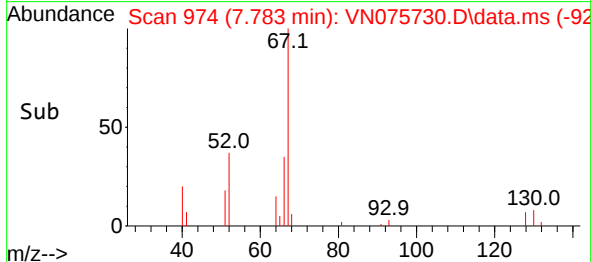
Tgt Ion: 41 Resp: 6857
Ion Ratio Lower Upper
41 100
39 54.4 46.3 69.5
67 88.6 74.0 111.0
52 34.3 29.4 44.0

Manual Integrations

APPROVED

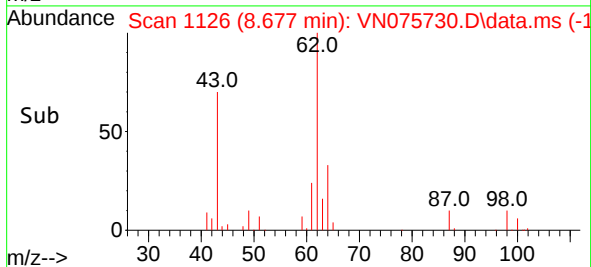
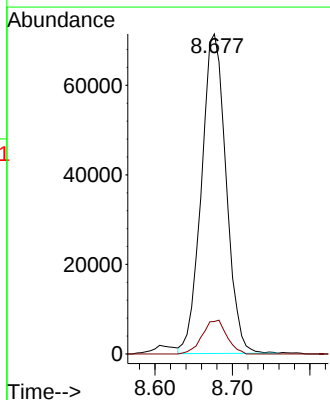
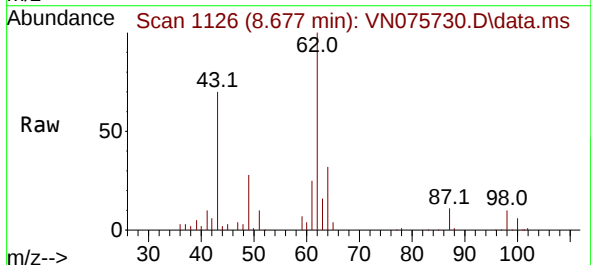
Reviewed By :John Carlone 12/13/2022

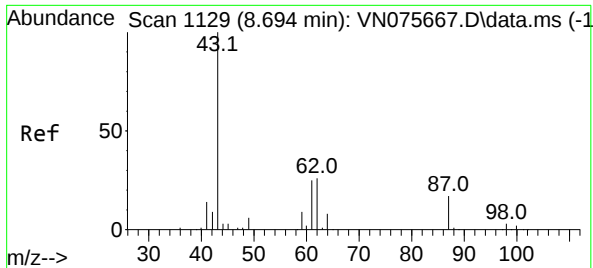
Supervised By :Mahesh Dadoda 12/13/2022



#42
1,2-Dichloroethane
Concen: 53.552 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

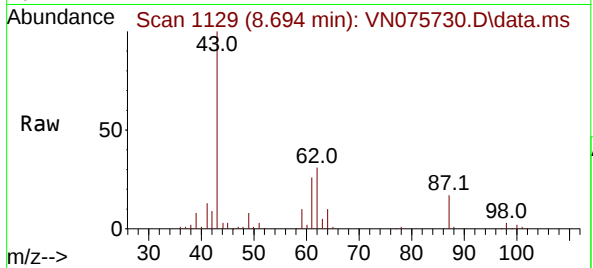
Tgt Ion: 62 Resp: 157952
Ion Ratio Lower Upper
62 100
98 10.5 0.0 21.8





#43
Isopropyl Acetate
Concen: 56.619 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

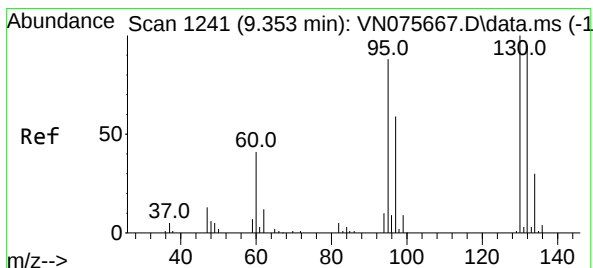
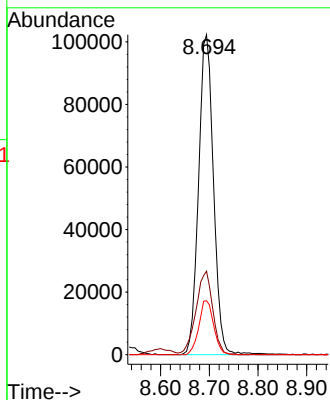
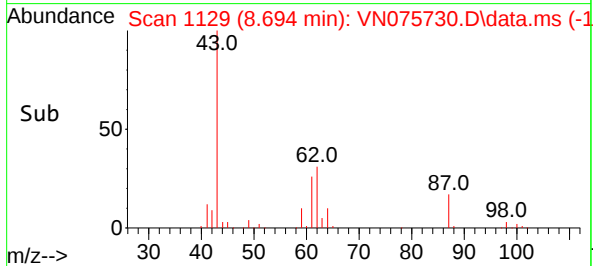
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



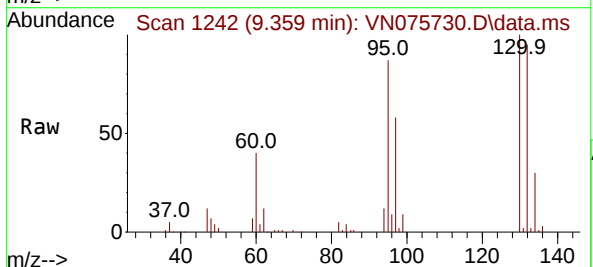
Tgt Ion: 43 Resp: 218036
Ion Ratio Lower Upper
43 100
61 29.3 23.8 35.8
87 16.7 13.7 20.5

Manual Integrations
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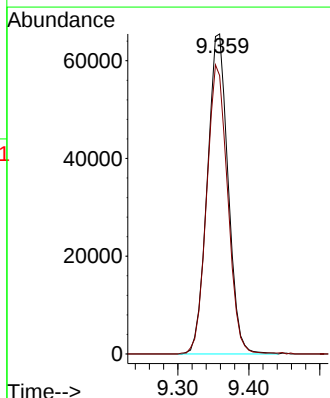
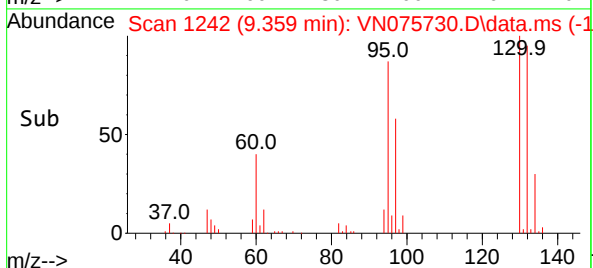
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

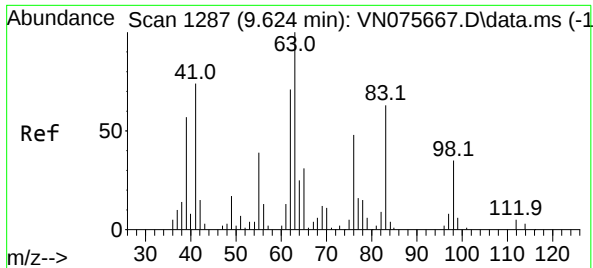


#44
Trichloroethene
Concen: 53.424 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04



Tgt Ion:130 Resp: 132888
Ion Ratio Lower Upper
130 100
95 87.0 0.0 176.8





#45

1,2-Dichloropropane

Concen: 54.902 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075730.D

Acq: 12 Dec 2022 22:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 11513

Ion Ratio Lower Upper

63 100

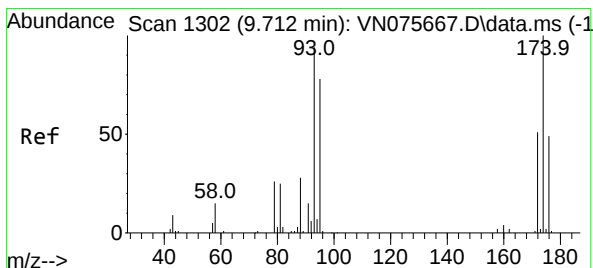
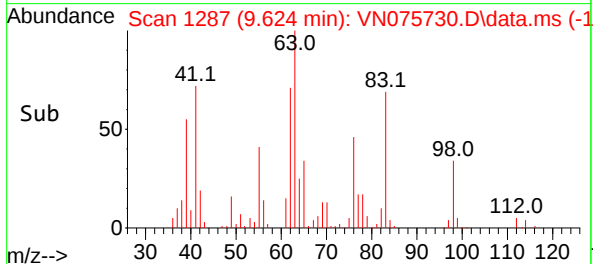
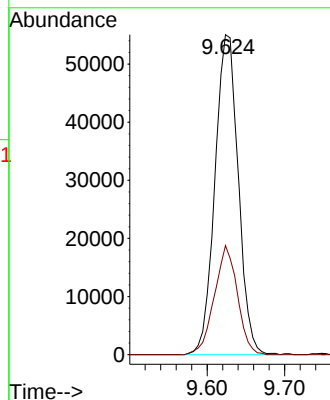
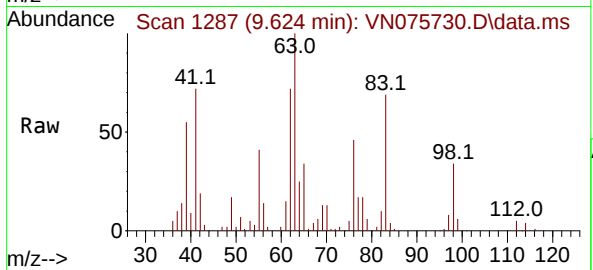
65 34.1 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#46

Dibromomethane

Concen: 55.368 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075730.D

Acq: 12 Dec 2022 22:04

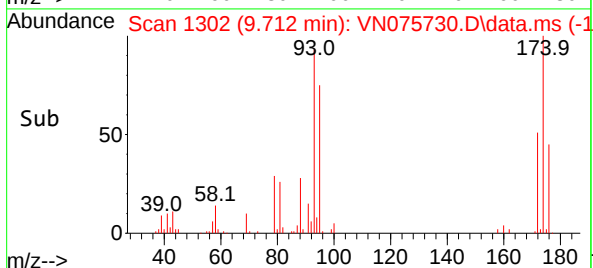
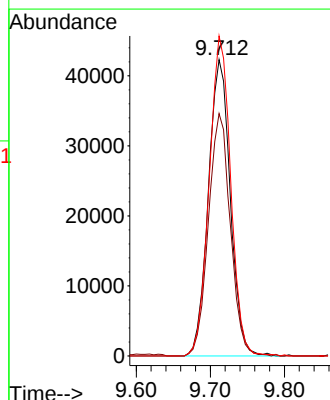
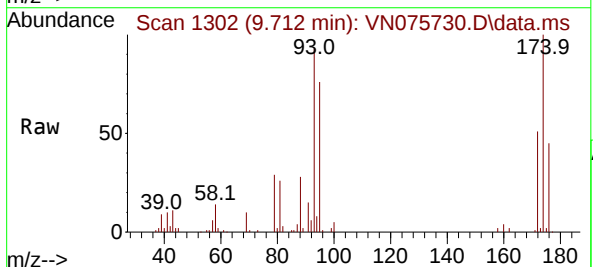
Tgt Ion: 93 Resp: 87171

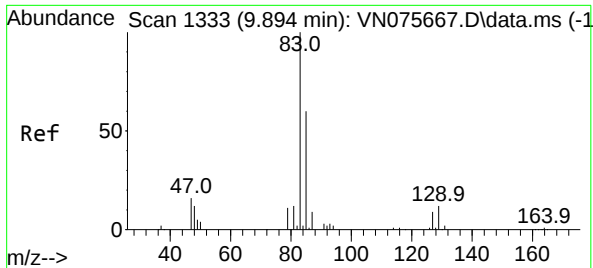
Ion Ratio Lower Upper

93 100

95 81.6 67.3 100.9

174 105.8 85.0 127.6





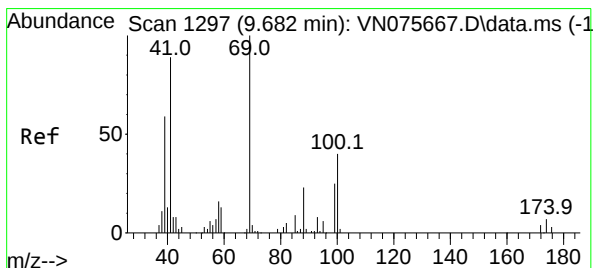
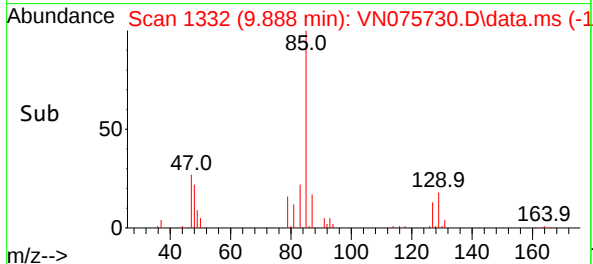
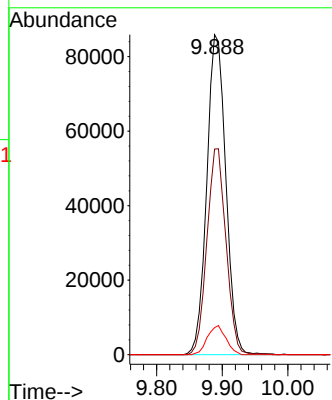
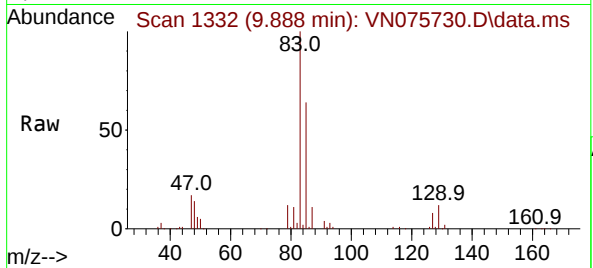
#47
Bromodichloromethane
Concen: 56.209 ug/l
RT: 9.888 min Scan# 1333
Delta R.T. -0.006 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 173512
Ion Ratio Lower Upper
83 100
85 64.3 48.0 72.0
127 8.5 7.4 11.2

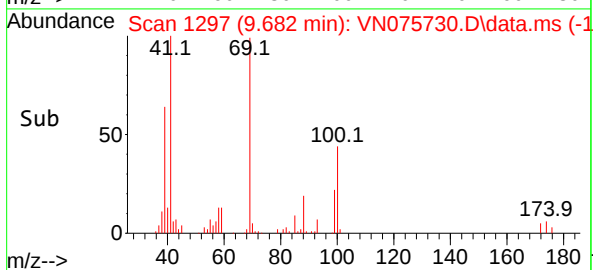
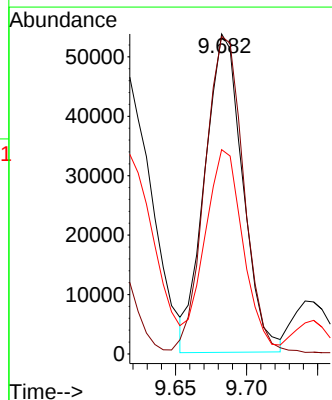
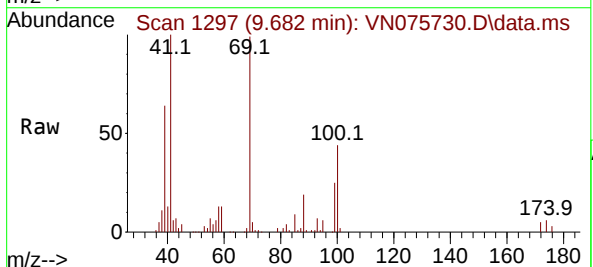
Manual Integrations
APPROVED

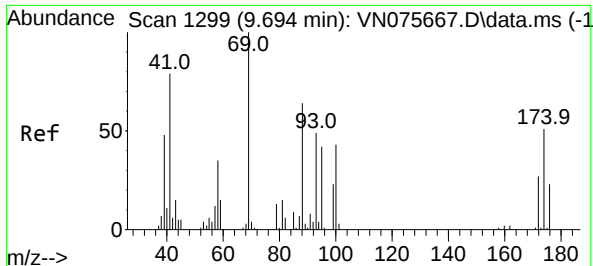
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#48
Methyl methacrylate
Concen: 56.069 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

Tgt Ion: 41 Resp: 99445
Ion Ratio Lower Upper
41 100
69 102.9 82.5 123.7
39 66.1 53.2 79.8





#49

1,4-Dioxane

Concen: 1060.035 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075730.D

Acq: 12 Dec 2022 22:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 4570

Ion Ratio Lower Upper

88 100

43 22.2 17.4 26.0

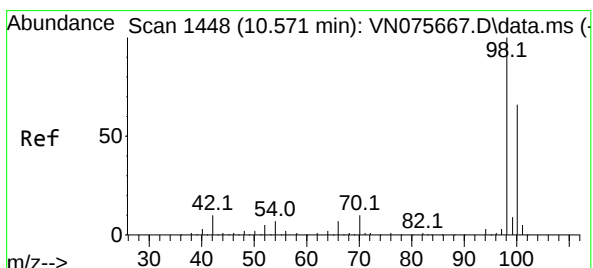
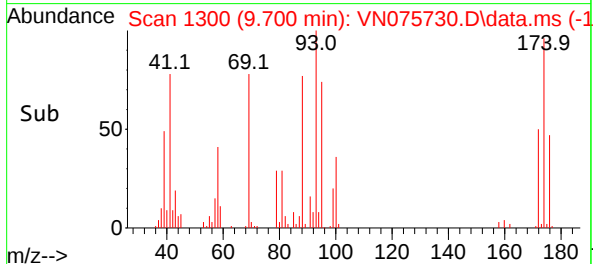
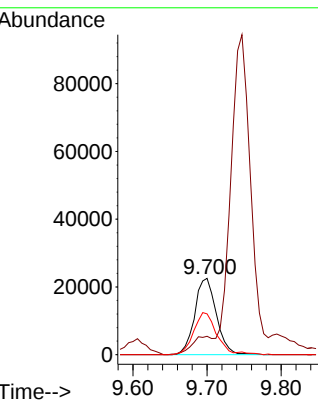
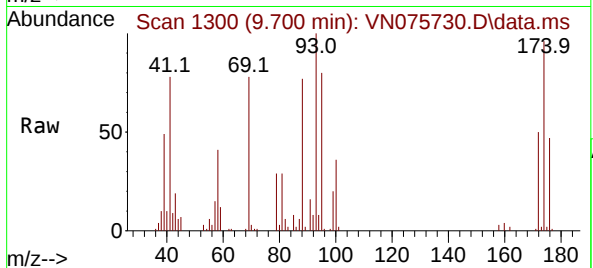
58 59.1 46.8 70.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#50

Toluene-d8

Concen: 55.082 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075730.D

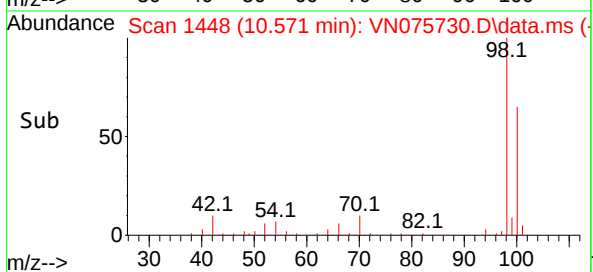
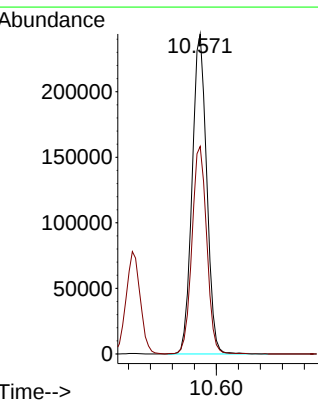
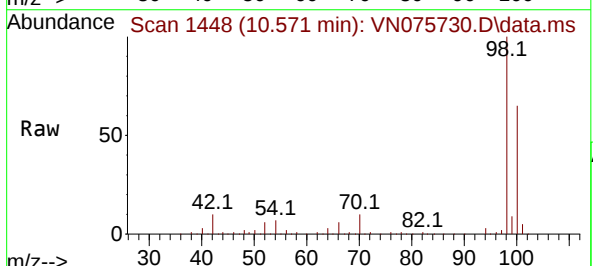
Acq: 12 Dec 2022 22:04

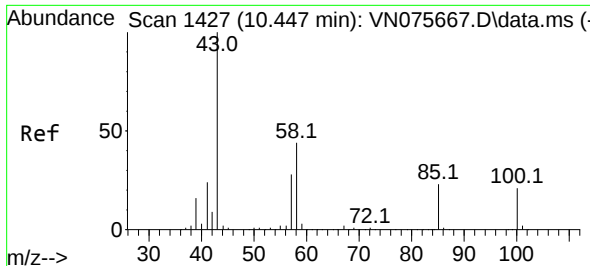
Tgt Ion: 98 Resp: 447570

Ion Ratio Lower Upper

98 100

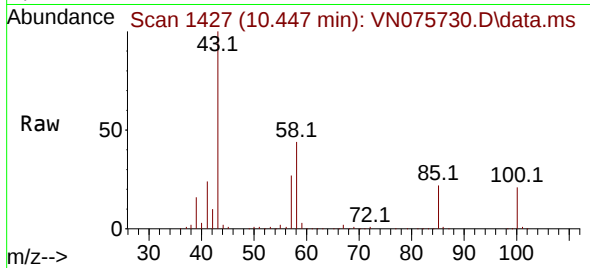
100 66.0 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 280.110 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

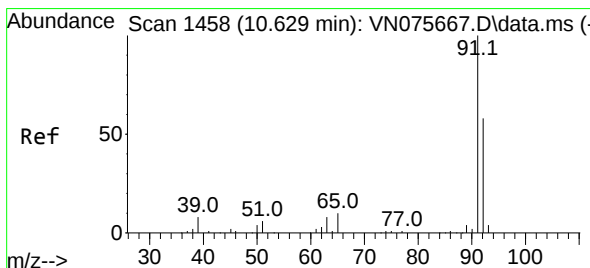
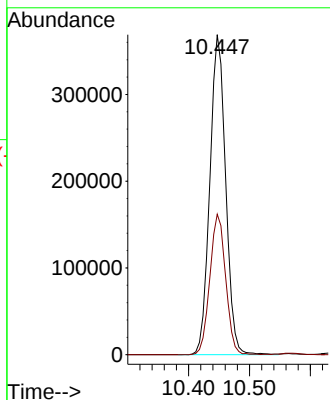
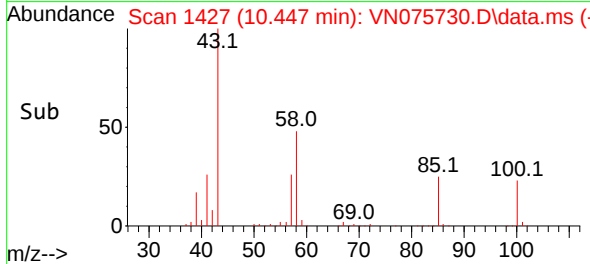
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 665138
Ion Ratio Lower Upper
43 100
58 43.8 35.0 52.6

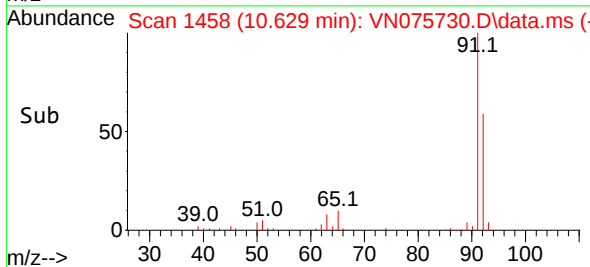
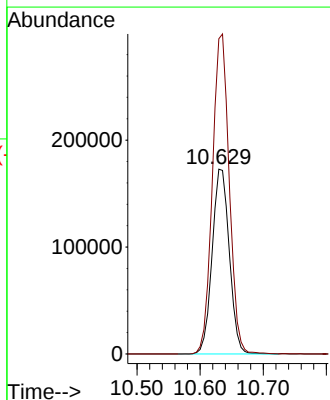
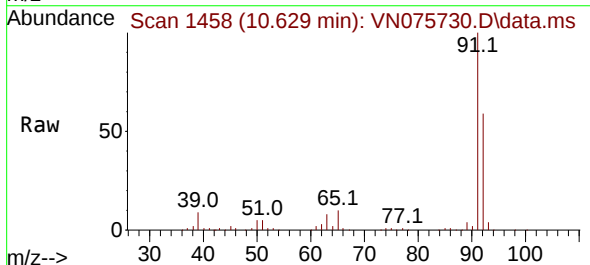
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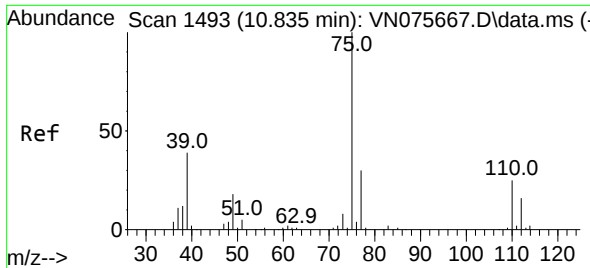
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#52
Toluene
Concen: 56.007 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

Tgt Ion: 92 Resp: 326401
Ion Ratio Lower Upper
92 100
91 170.2 137.9 206.9





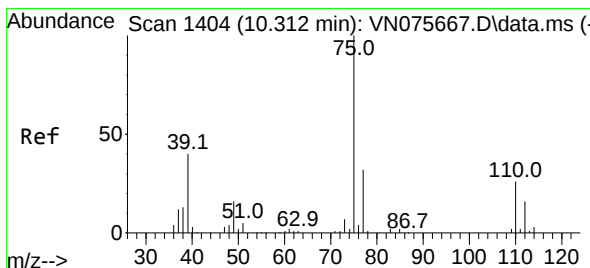
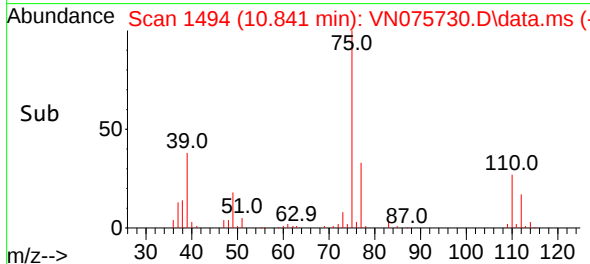
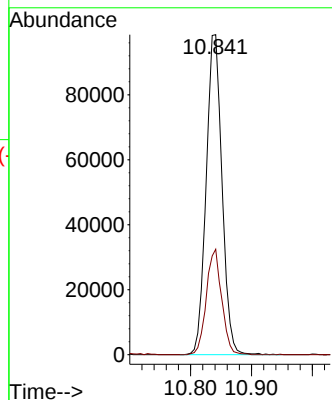
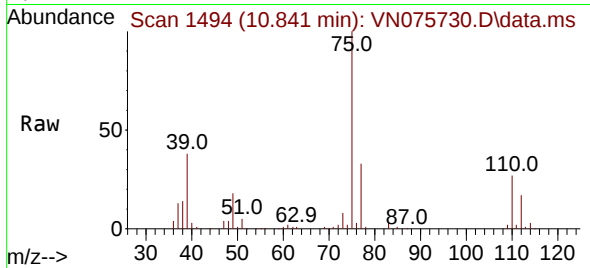
#53
t-1,3-Dichloropropene
Concen: 58.407 ug/l
RT: 10.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 17806
Ion Ratio Lower Upper
75 100
77 33.0 24.3 36.5

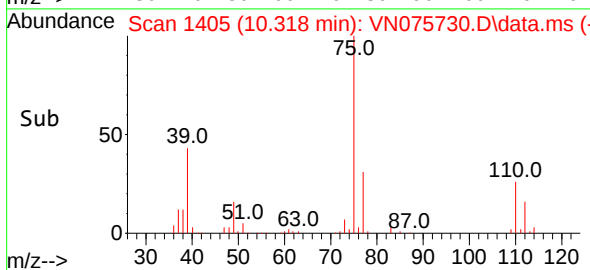
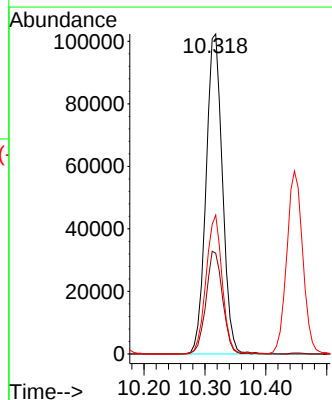
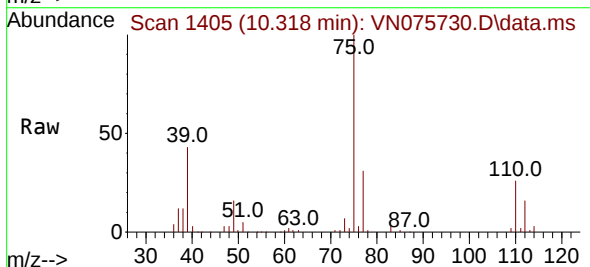
Manual Integrations
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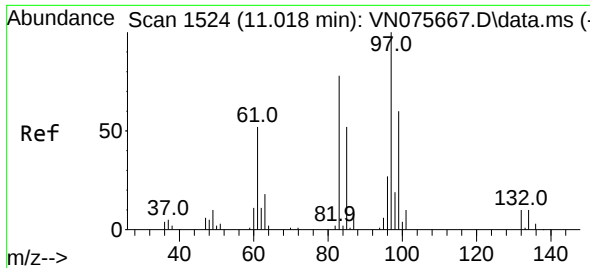
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#54
cis-1,3-Dichloropropene
Concen: 56.516 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

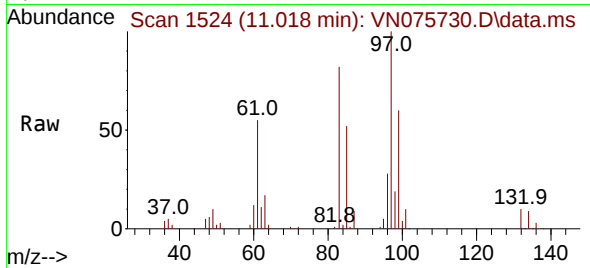
Tgt Ion: 75 Resp: 191698
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9
39 43.4 32.0 48.0





#55
1,1,2-Trichloroethane
Concen: 55.061 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

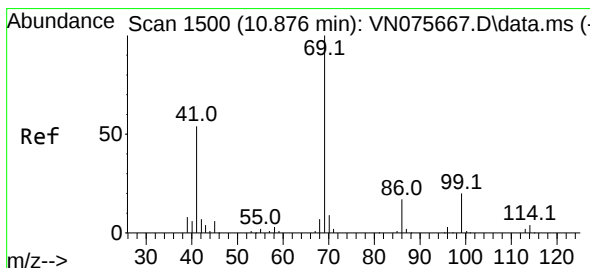
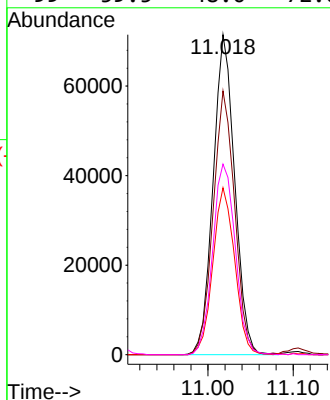
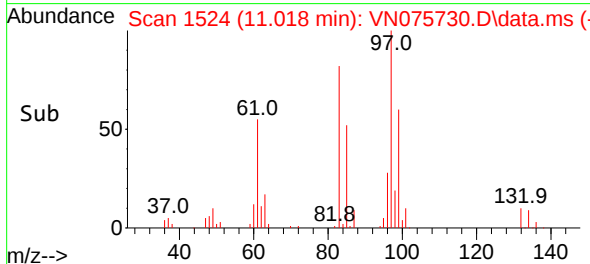
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



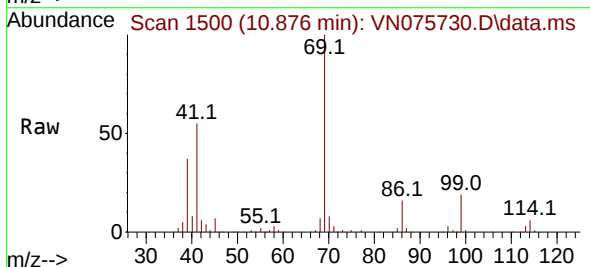
Tgt Ion: 97 Resp: 126168
Ion Ratio Lower Upper
97 100
83 82.4 62.7 94.1
85 52.2 41.8 62.6
99 59.5 48.0 72.0

Manual Integrations
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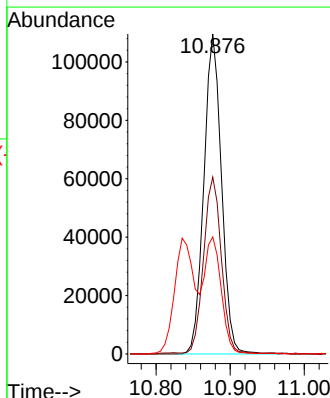
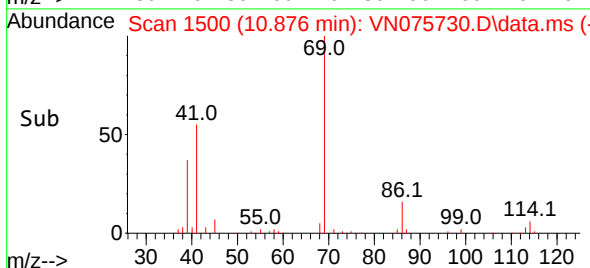
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

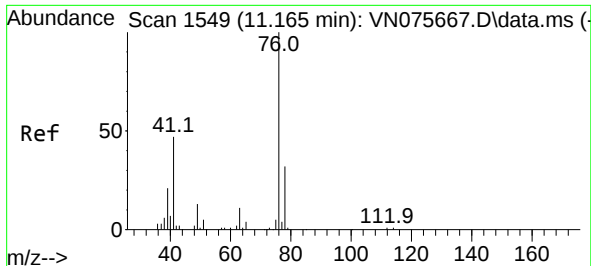


#56
Ethyl methacrylate
Concen: 58.330 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04



Tgt Ion: 69 Resp: 181107
Ion Ratio Lower Upper
69 100
41 55.2 44.1 66.1
39 34.0 27.7 41.5





#57

1,3-Dichloropropane

Concen: 55.934 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. 0.000 min

Lab File: VN075730.D

Acq: 12 Dec 2022 22:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 207158

Ion Ratio Lower Upper

76 100

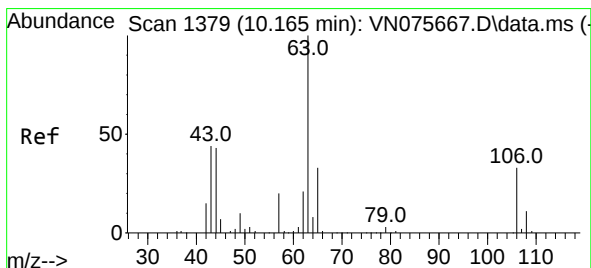
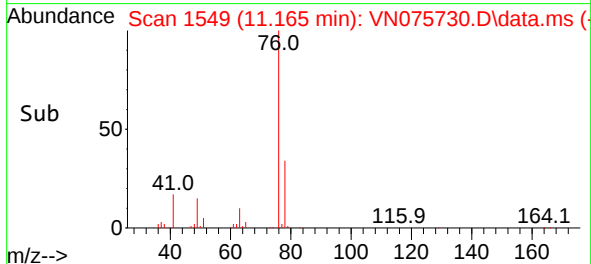
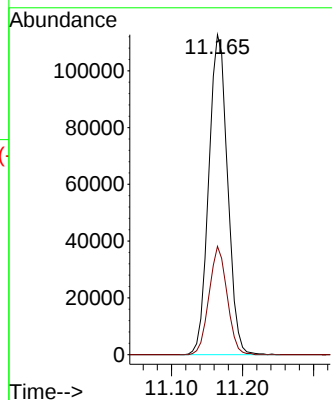
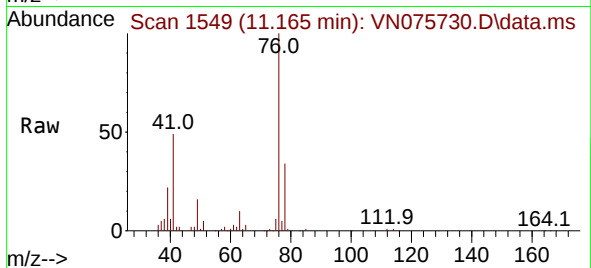
78 32.5 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 273.739 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN075730.D

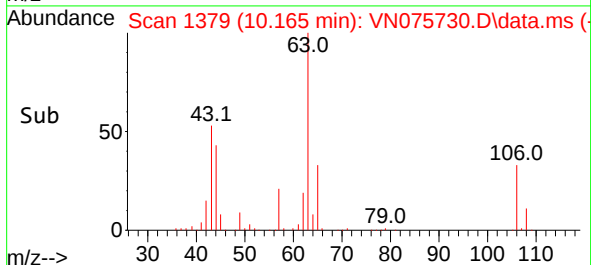
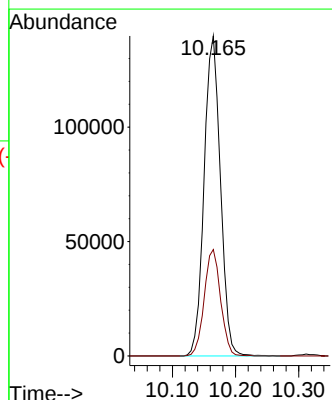
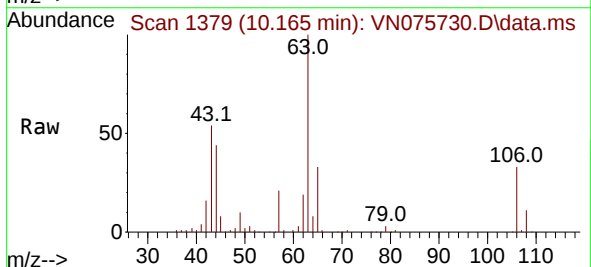
Acq: 12 Dec 2022 22:04

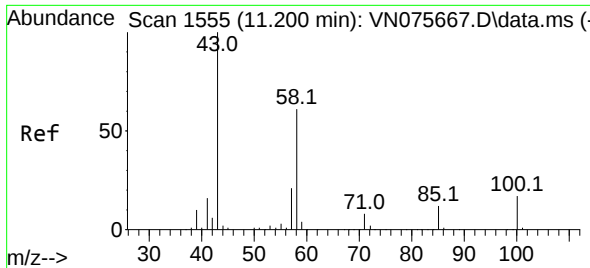
Tgt Ion: 63 Resp: 250946

Ion Ratio Lower Upper

63 100

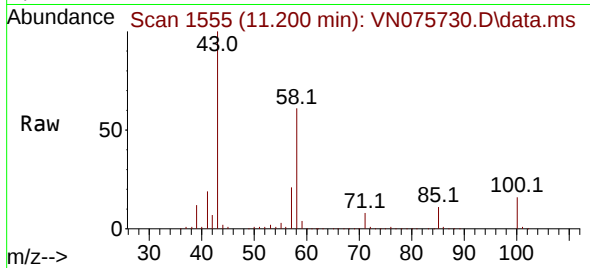
106 33.3 26.6 40.0





#59
2-Hexanone
Concen: 280.329 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

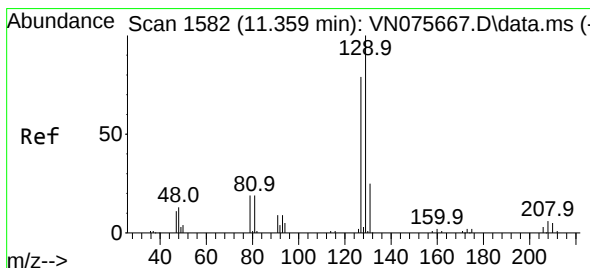
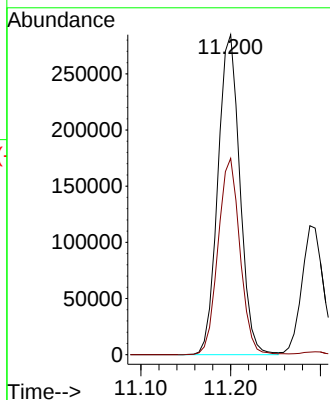
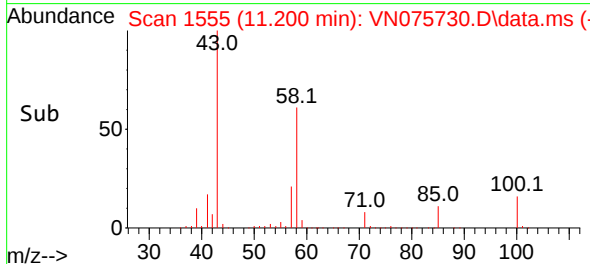
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



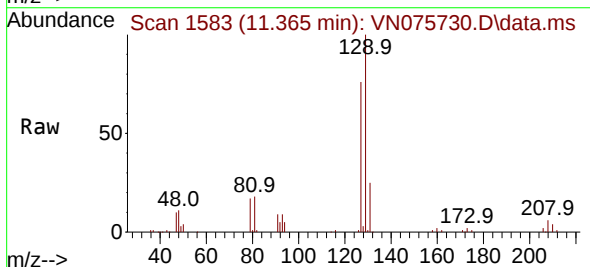
Tgt Ion: 43 Resp: 48361
Ion Ratio Lower Upper
43 100
58 61.3 30.9 92.5

Manual Integrations
APPROVED

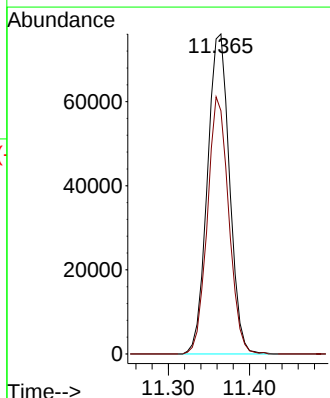
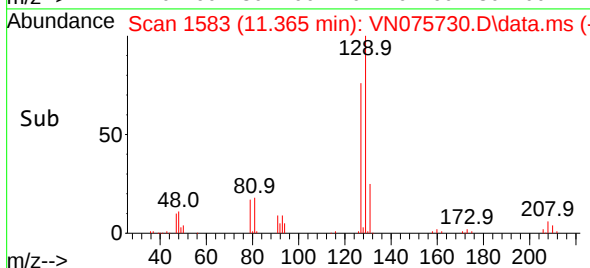
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

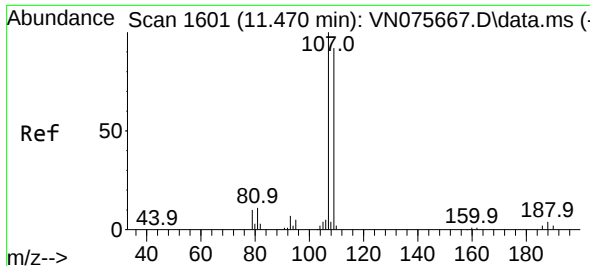


#60
Dibromochloromethane
Concen: 57.030 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04



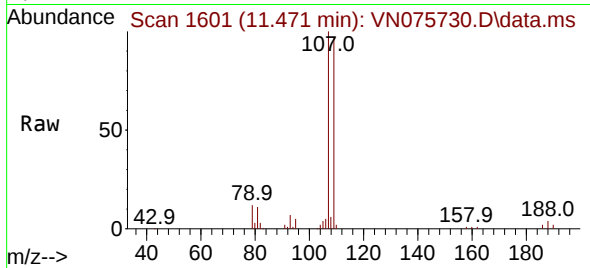
Tgt Ion:129 Resp: 143799
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 53.977 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

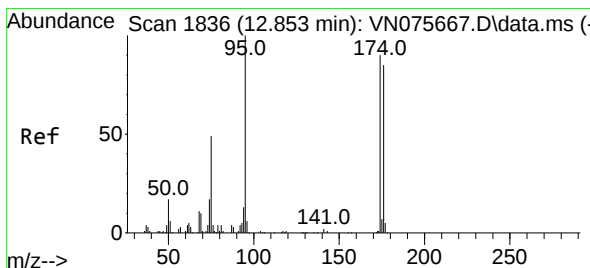
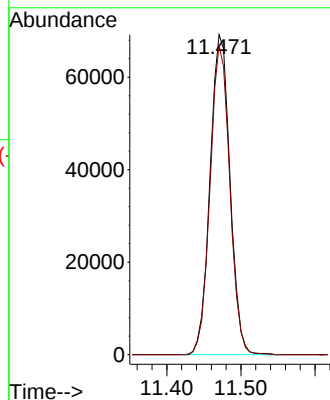
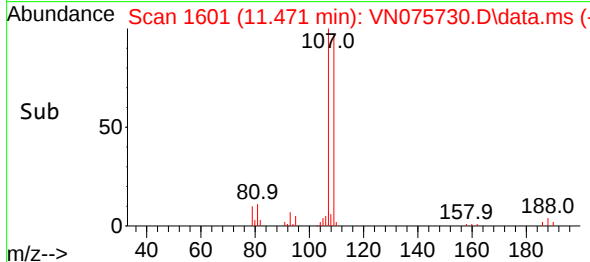
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



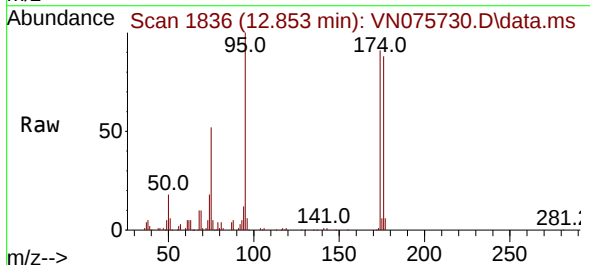
Tgt Ion:107 Resp: 12958
Ion Ratio Lower Upper
107 100
109 95.1 75.4 113.2

Manual Integrations
APPROVED

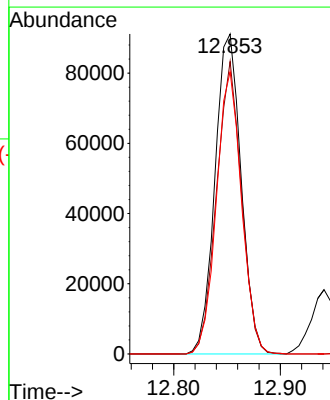
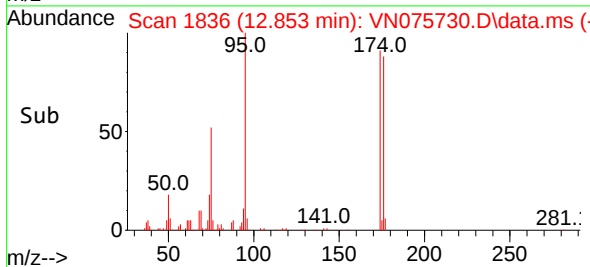
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

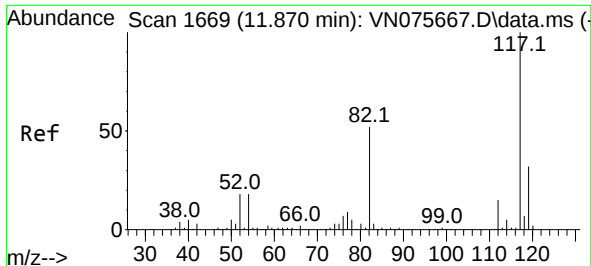


#62
4-Bromofluorobenzene
Concen: 55.883 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04



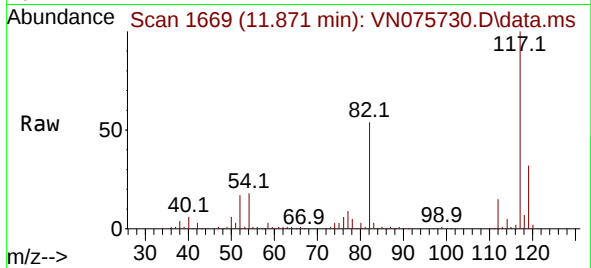
Tgt Ion: 95 Resp: 155253
Ion Ratio Lower Upper
95 100
174 87.2 0.0 178.6
176 84.9 0.0 170.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

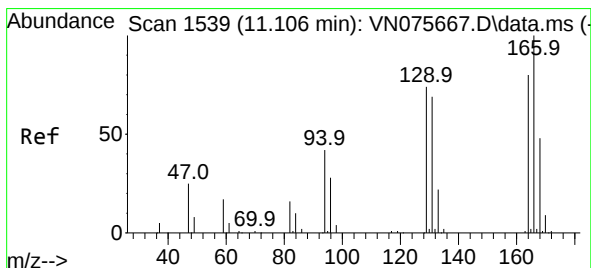
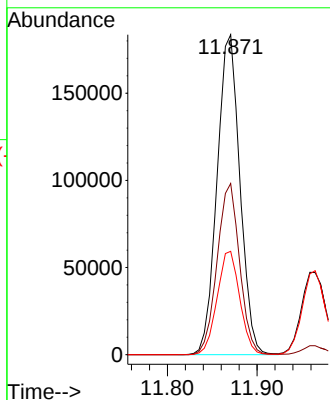
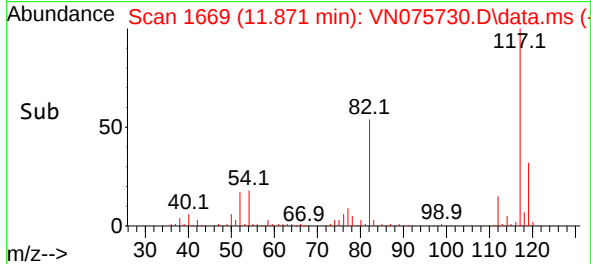
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 325169
Ion Ratio Lower Upper
117 100
82 53.5 41.8 62.8
119 32.3 25.8 38.6

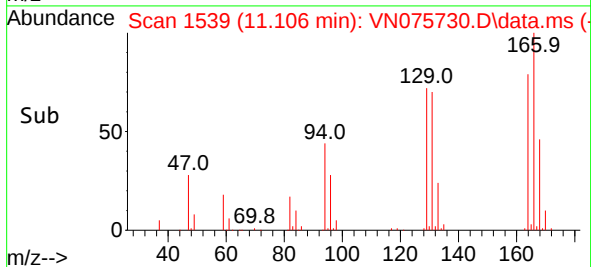
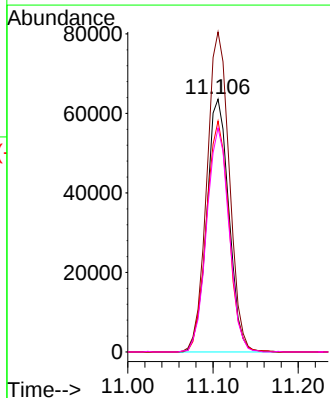
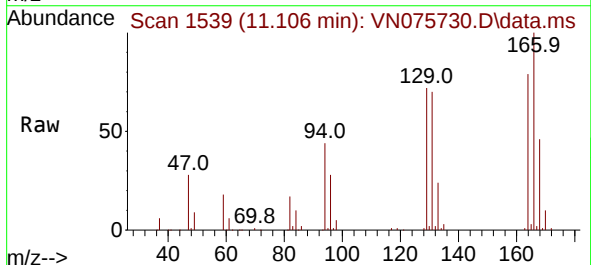
Manual Integrations
APPROVED

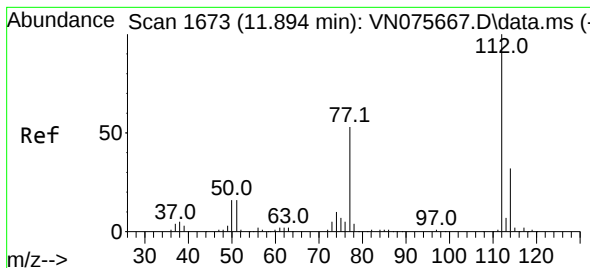
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#64
Tetrachloroethene
Concen: 48.618 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

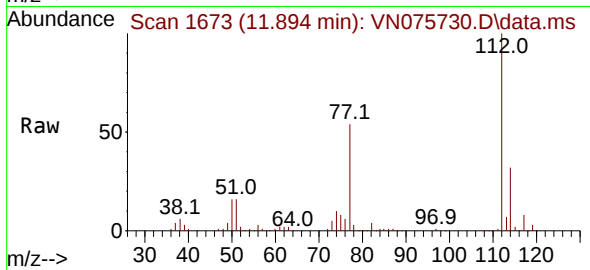
Tgt Ion:164 Resp: 115153
Ion Ratio Lower Upper
164 100
166 126.6 100.3 150.5
129 91.3 73.9 110.9
131 88.6 68.8 103.2





#65
Chlorobenzene
Concen: 52.727 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

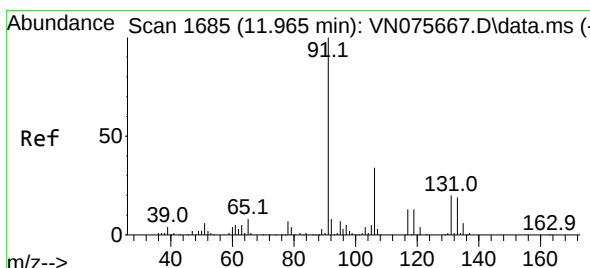
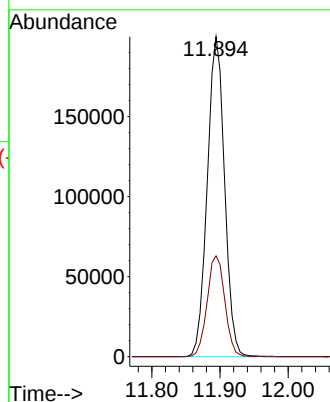
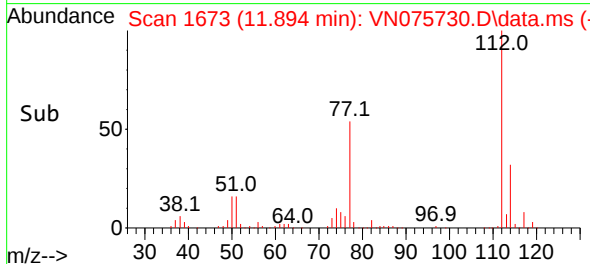
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



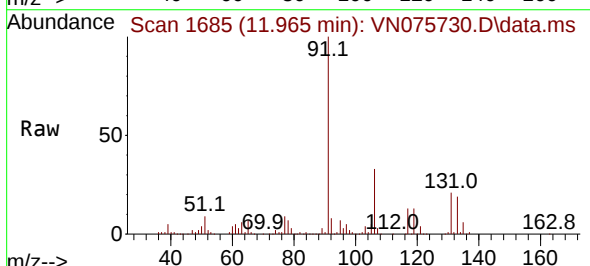
Tgt Ion:112 Resp: 352768
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3

Manual Integrations
APPROVED

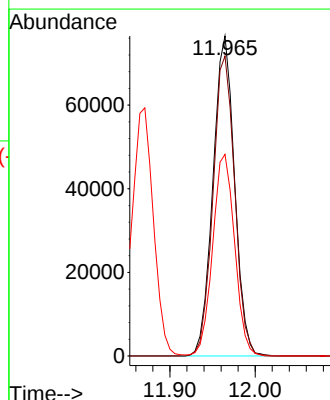
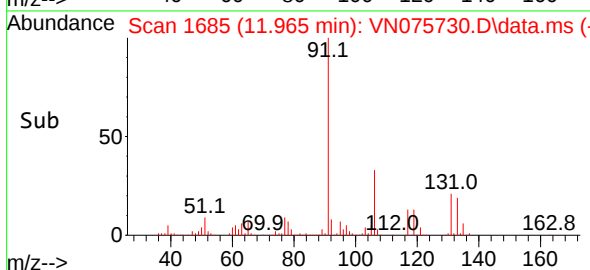
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

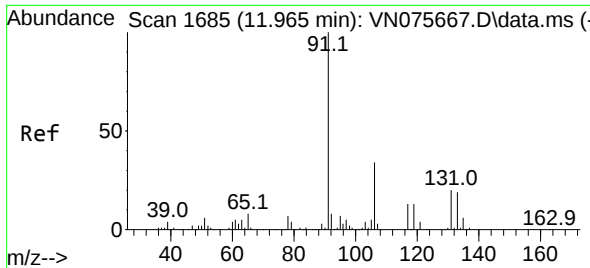


#66
1,1,1,2-Tetrachloroethane
Concen: 55.338 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04



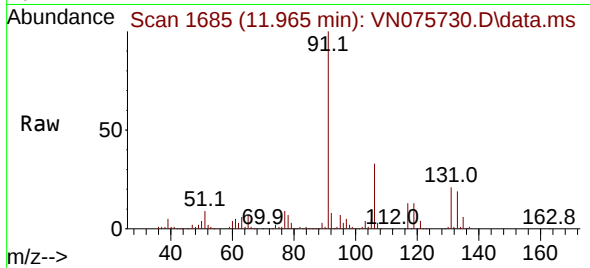
Tgt Ion:131 Resp: 134702
Ion Ratio Lower Upper
131 100
133 94.0 47.5 142.6
119 64.0 32.5 97.4





#67
Ethyl Benzene
Concen: 55.632 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

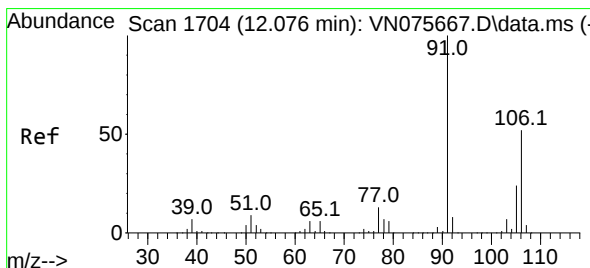
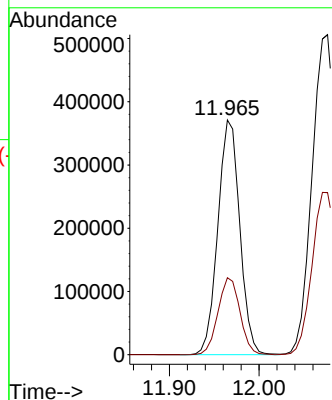
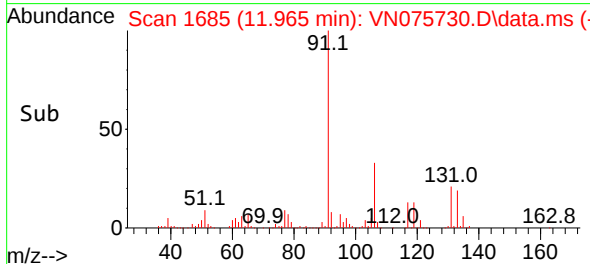
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



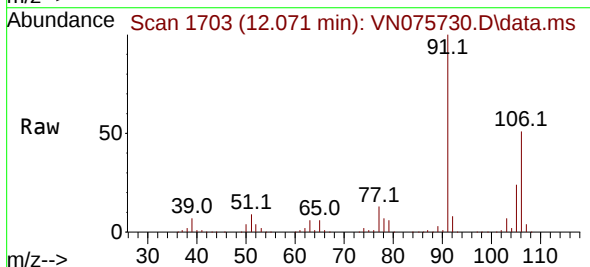
Tgt Ion: 91 Resp: 629650
Ion Ratio Lower Upper
91 100
106 32.8 26.9 40.3

Manual Integrations
APPROVED

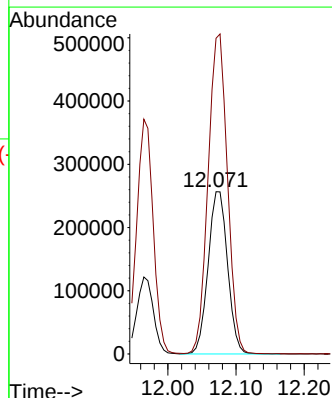
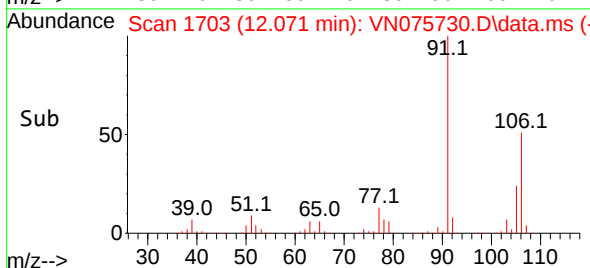
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

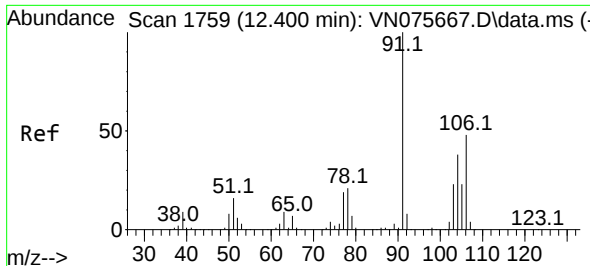


#68
m/p-Xylenes
Concen: 111.305 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04



Tgt Ion:106 Resp: 509023
Ion Ratio Lower Upper
106 100
91 195.8 156.2 234.4





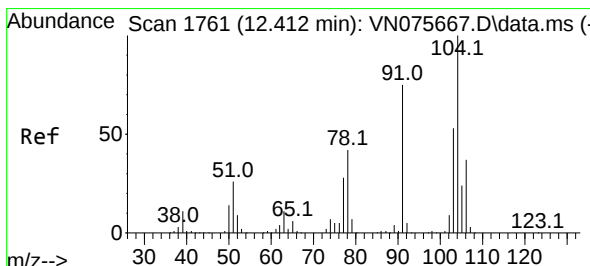
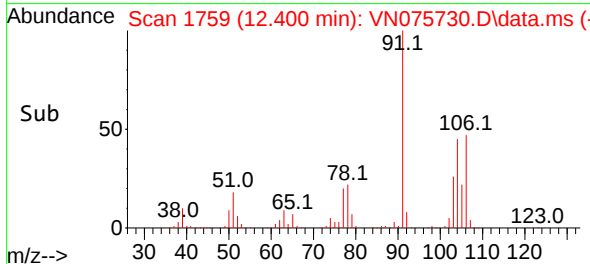
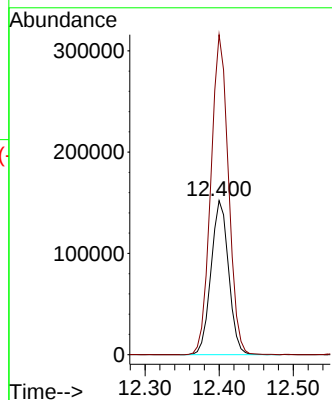
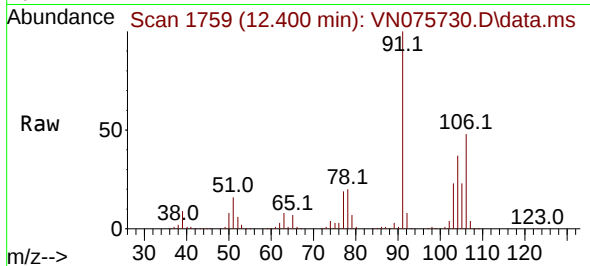
#69
o-Xylene
Concen: 56.378 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 250198
Ion Ratio Lower Upper
106 100
91 208.9 102.8 308.5

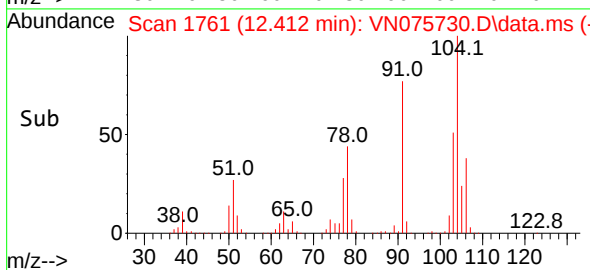
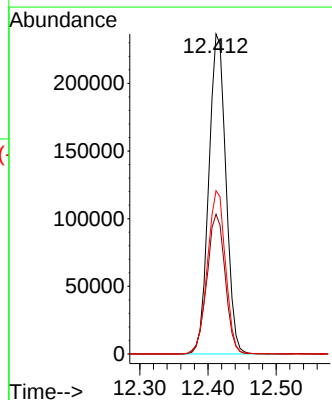
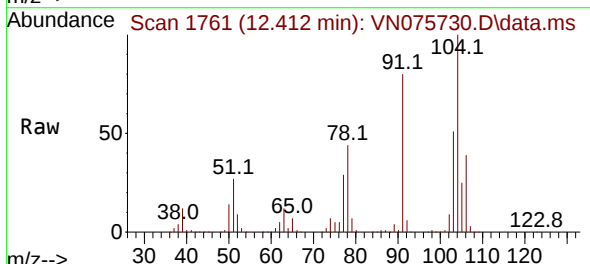
Manual Integrations
APPROVED

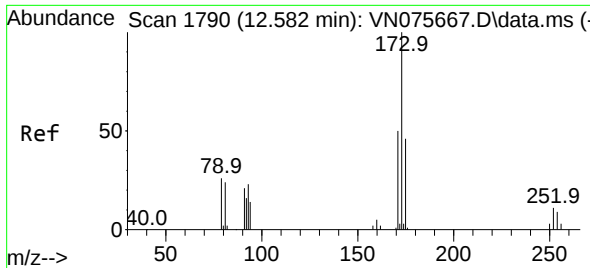
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#70
Styrene
Concen: 58.086 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

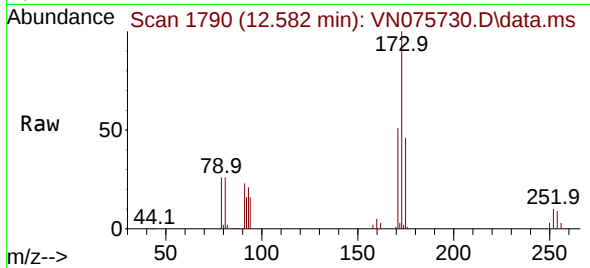
Tgt Ion:104 Resp: 413437
Ion Ratio Lower Upper
104 100
78 46.5 36.7 55.1
103 53.7 44.0 66.0





#71
Bromoform
Concen: 56.637 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

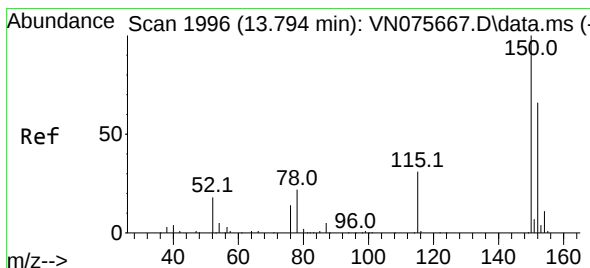
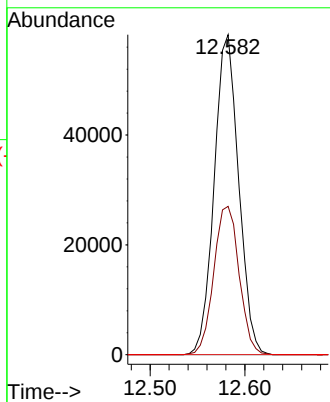
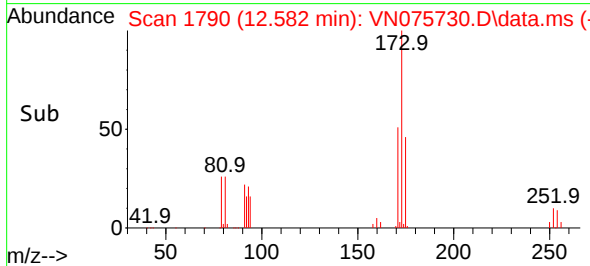
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



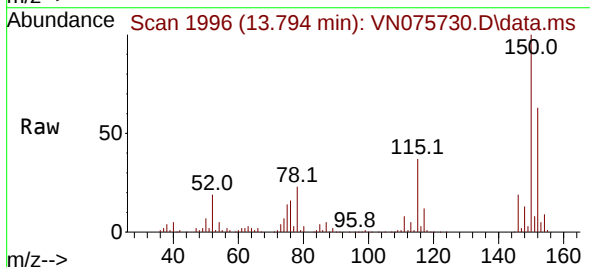
Tgt Ion:173 Resp: 104500
Ion Ratio Lower Upper
173 100
175 48.1 23.8 71.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

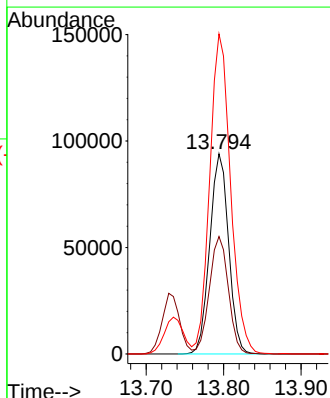
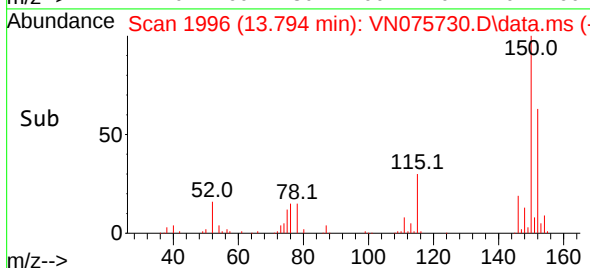
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

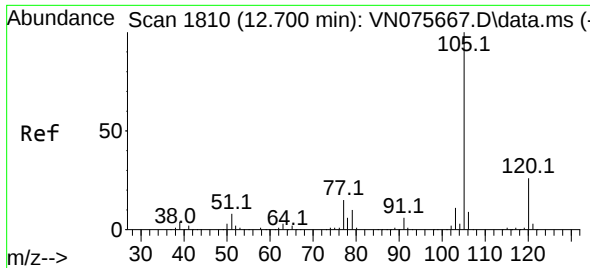


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04



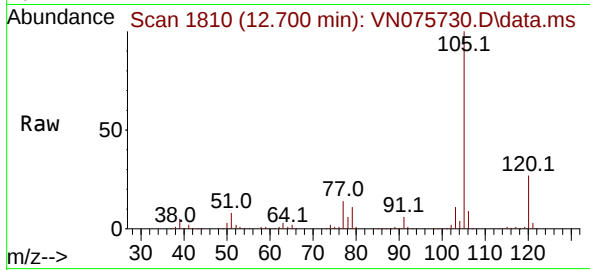
Tgt Ion:152 Resp: 158878
Ion Ratio Lower Upper
152 100
115 59.2 28.4 85.2
150 176.6 0.0 347.6





#73
Isopropylbenzene
Concen: 57.299 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

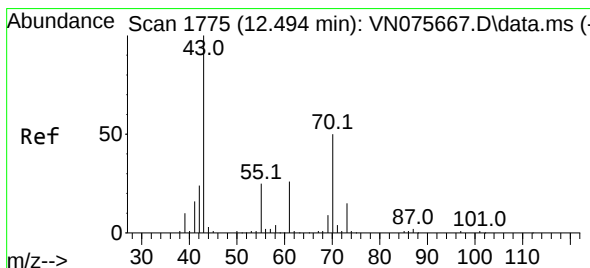
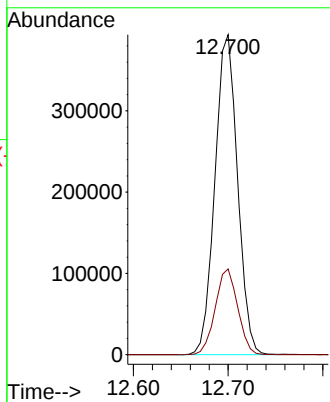
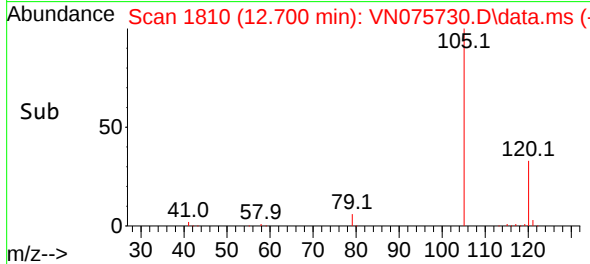
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



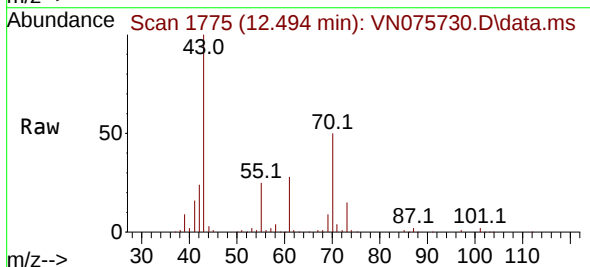
Tgt Ion:105 Resp: 653652
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2

Manual Integrations
APPROVED

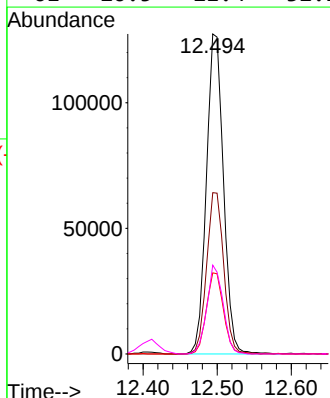
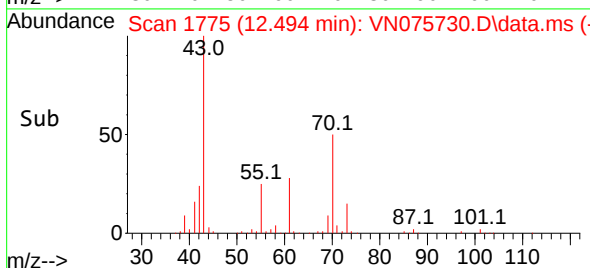
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

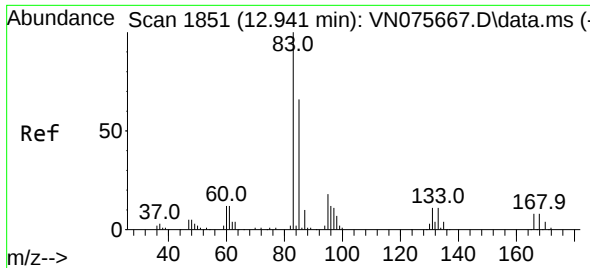


#74
N-ethyl acetate
Concen: 61.515 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04



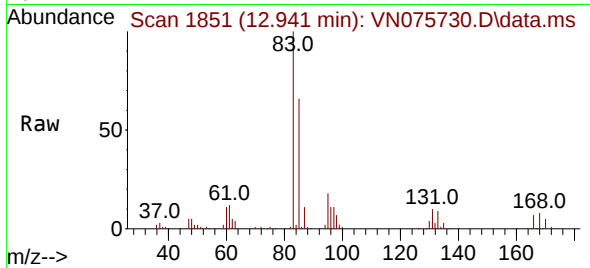
Tgt Ion: 43 Resp: 203897
Ion Ratio Lower Upper
43 100
70 50.5 41.0 61.6
55 25.4 20.7 31.1
61 26.5 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 52.657 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

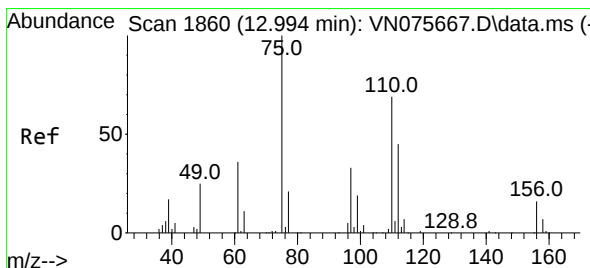
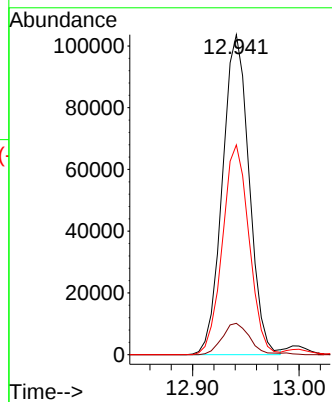
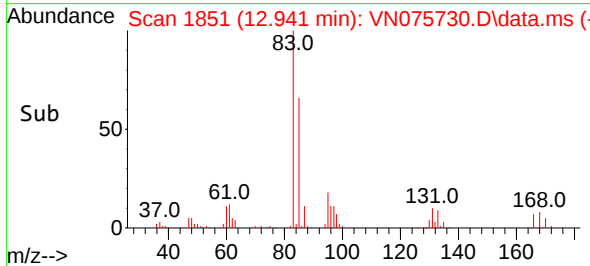
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



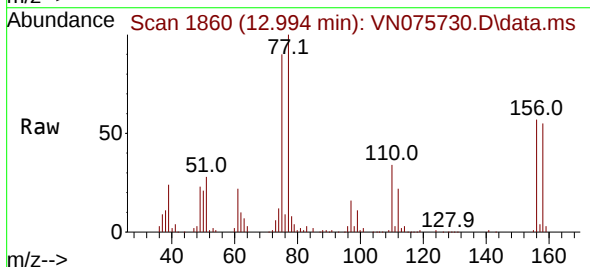
Tgt Ion: 83 Resp: 180440
Ion Ratio Lower Upper
83 100
131 10.3 5.6 16.8
85 65.3 32.6 97.7

Manual Integrations
APPROVED

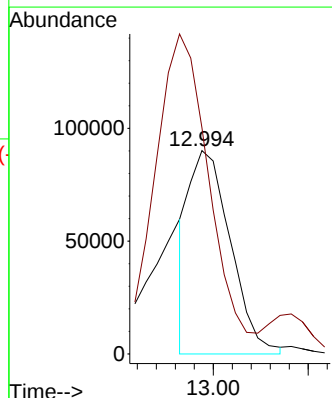
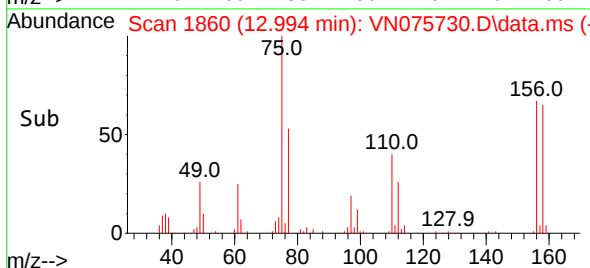
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

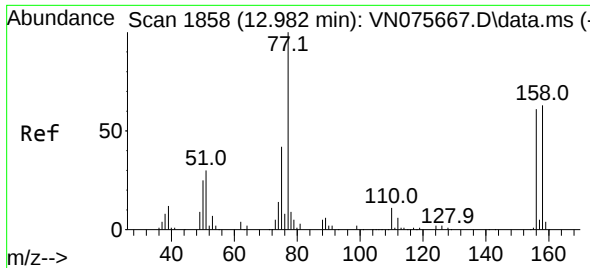


#76
1,2,3-Trichloropropane
Concen: 42.798 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04



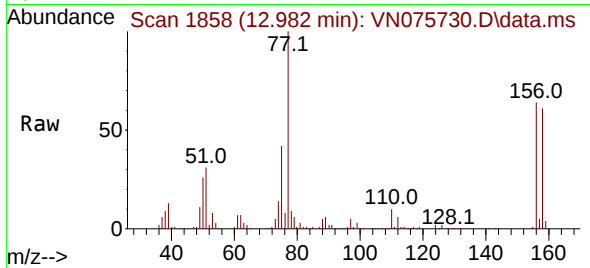
Tgt Ion: 75 Resp: 136554
Ion Ratio Lower Upper
75 100
77 208.5 81.8 245.4





#77
Bromobenzene
Concen: 54.746 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

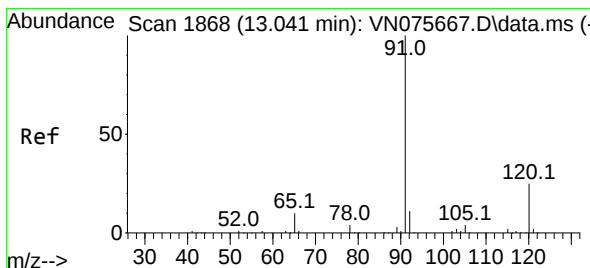
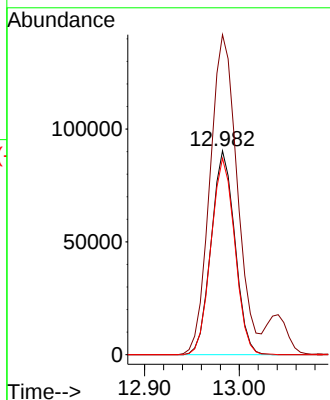
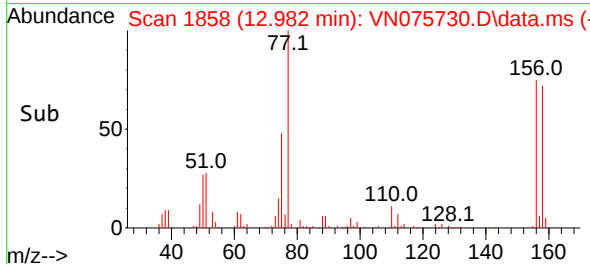
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



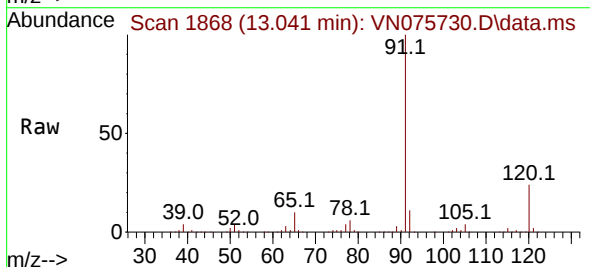
Tgt Ion:156 Resp: 157058
Ion Ratio Lower Upper
156 100
77 181.3 90.8 272.5
158 96.8 49.3 147.8

Manual Integrations
APPROVED

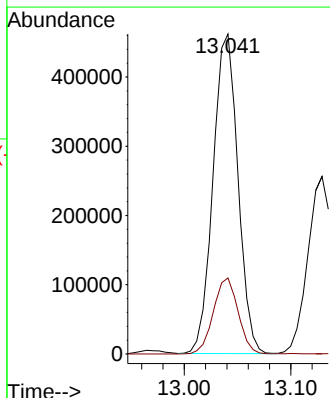
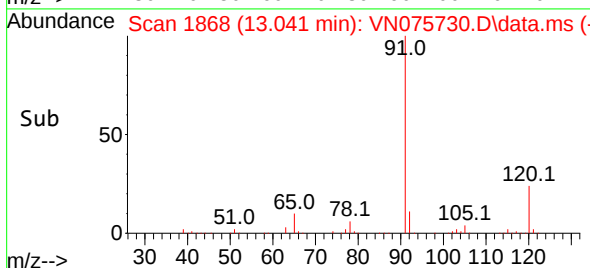
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

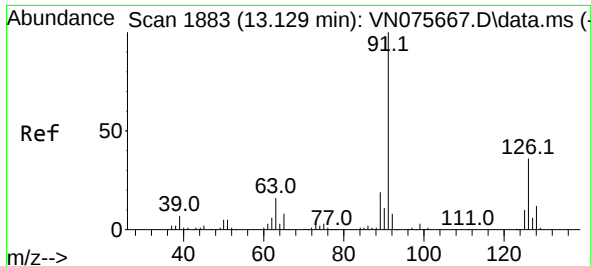


#78
n-propylbenzene
Concen: 59.206 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04



Tgt Ion: 91 Resp: 749469
Ion Ratio Lower Upper
91 100
120 23.6 12.1 36.3





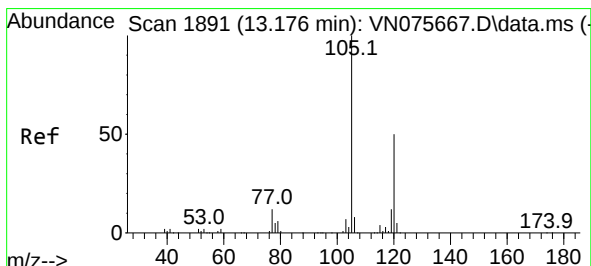
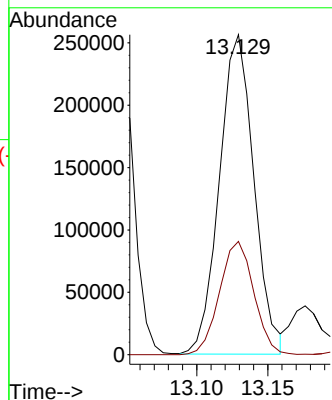
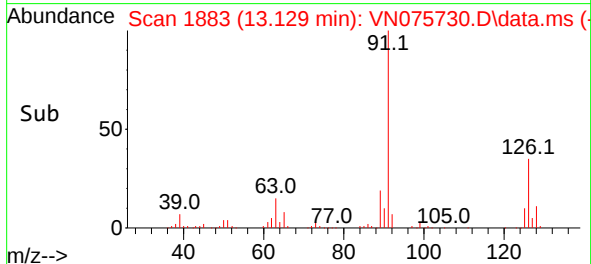
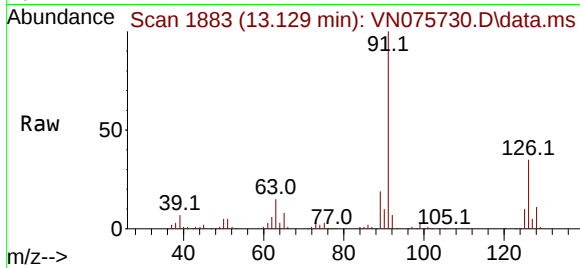
#79
2-Chlorotoluene
Concen: 55.490 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 433659
Ion Ratio Lower Upper
91 100
126 35.2 17.8 53.4

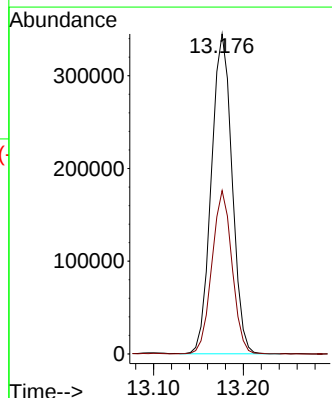
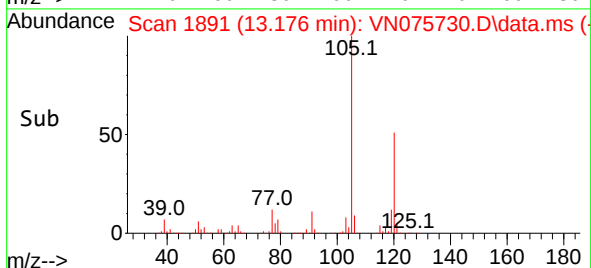
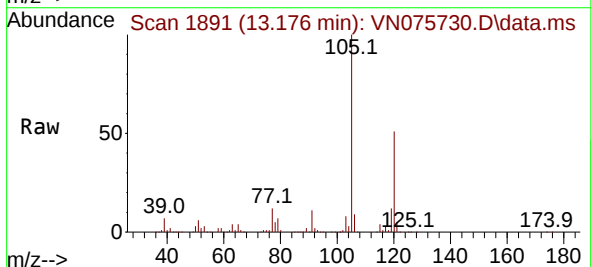
Manual Integrations
APPROVED

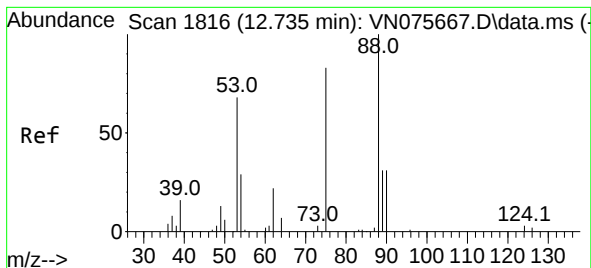
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 57.798 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

Tgt Ion:105 Resp: 551242
Ion Ratio Lower Upper
105 100
120 49.9 24.9 74.6





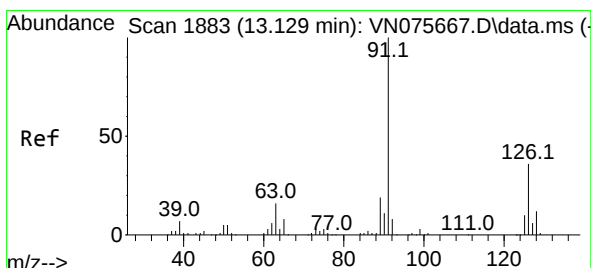
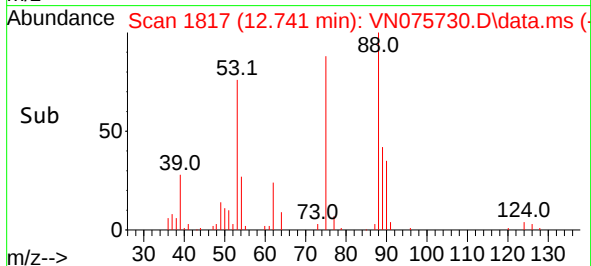
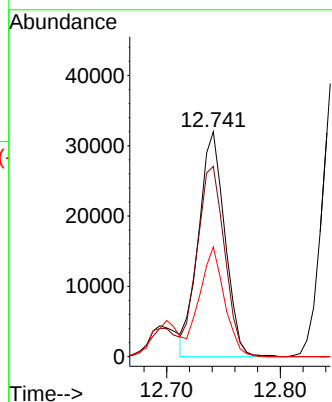
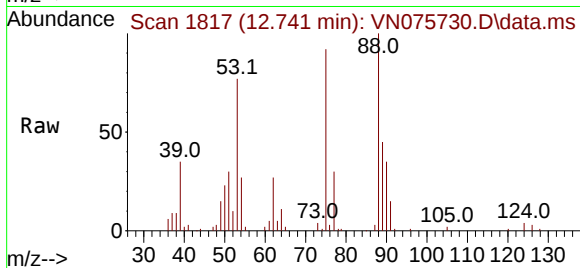
#81
trans-1,4-Dichloro-2-butene
Concen: 52.497 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 51549
Ion Ratio Lower Upper
75 100
53 88.7 72.4 108.6
89 45.2 36.6 55.0

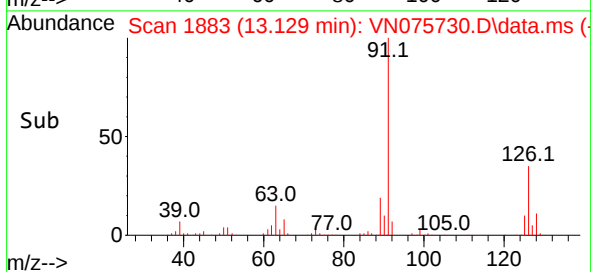
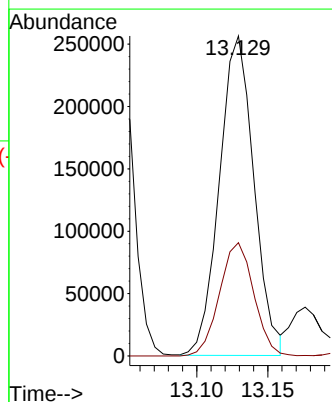
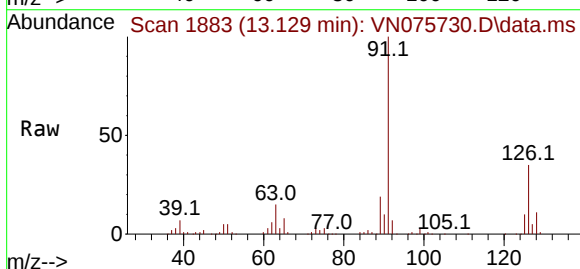
Manual Integrations
APPROVED

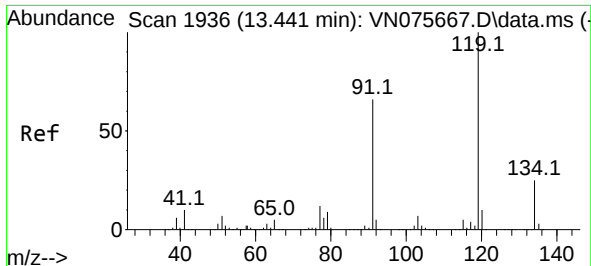
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#82
4-Chlorotoluene
Concen: 55.490 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

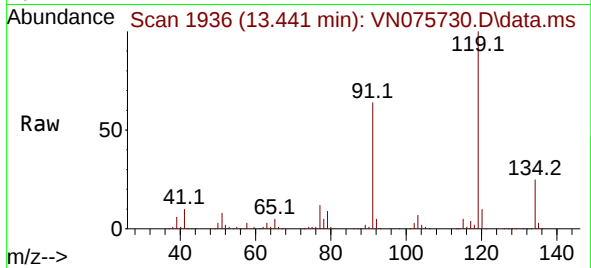
Tgt Ion: 91 Resp: 433659
Ion Ratio Lower Upper
91 100
126 35.2 17.8 53.4





#83
tert-Butylbenzene
Concen: 56.483 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

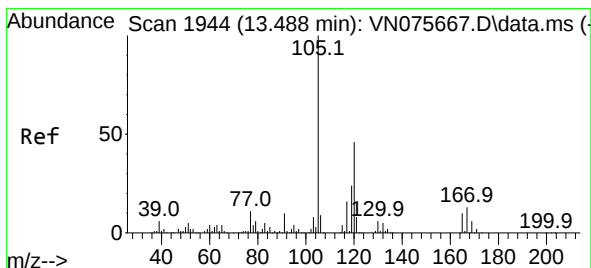
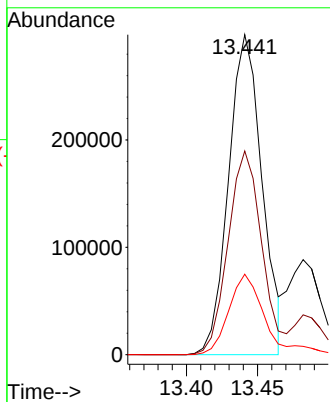
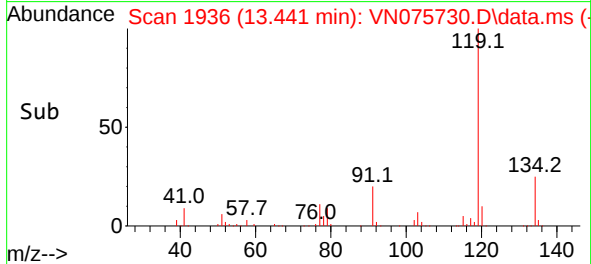
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



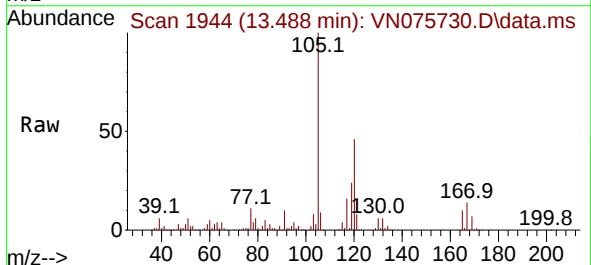
Tgt Ion:119 Resp: 488519
Ion Ratio Lower Upper
119 100
91 64.5 31.9 95.9
134 27.2 13.9 41.7

Manual Integrations
APPROVED

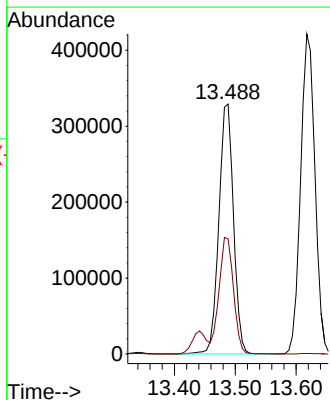
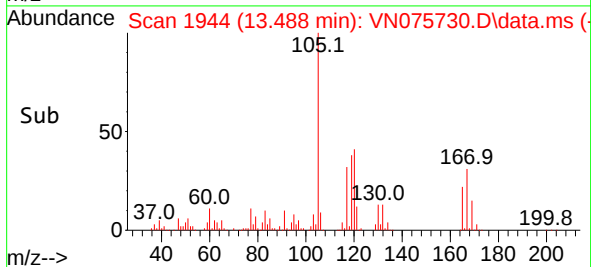
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

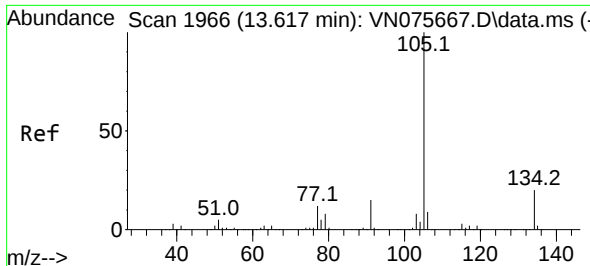


#84
1,2,4-Trimethylbenzene
Concen: 57.251 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04



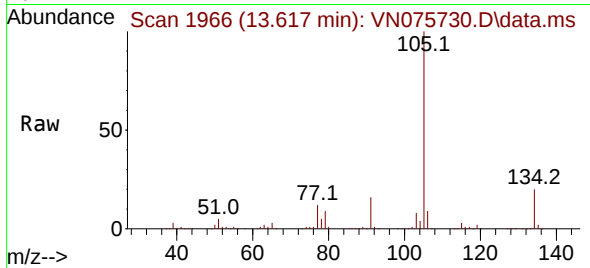
Tgt Ion:105 Resp: 548791
Ion Ratio Lower Upper
105 100
120 45.9 23.1 69.2





#85
 sec-Butylbenzene
 Concen: 57.857 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075730.D
 Acq: 12 Dec 2022 22:04

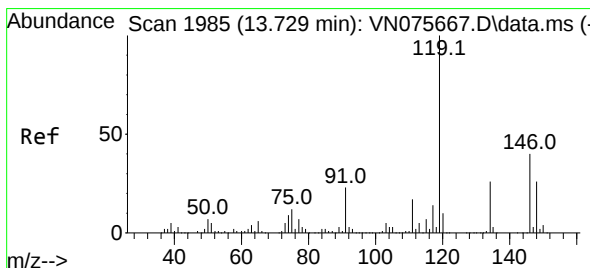
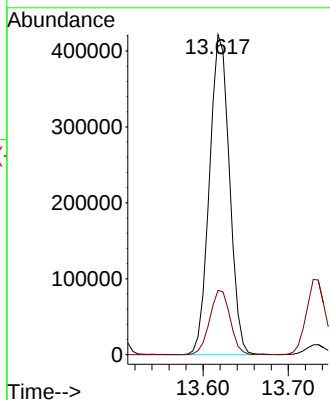
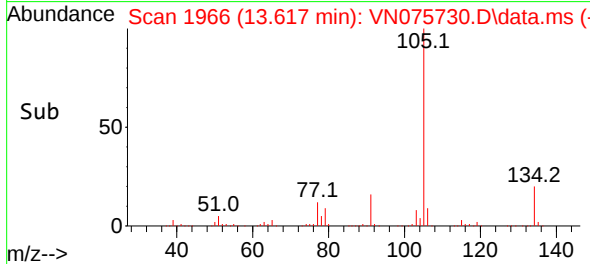
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



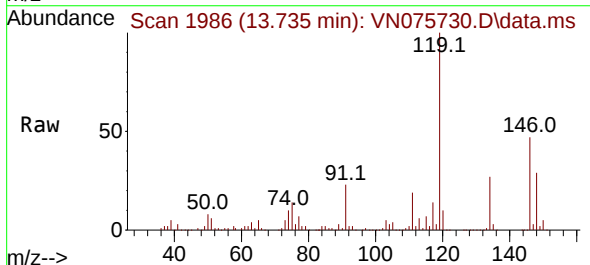
Tgt Ion:105 Resp: 687934
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6

Manual Integrations
 APPROVED

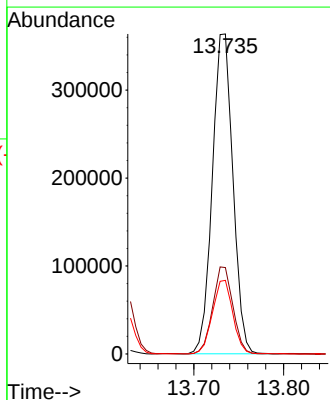
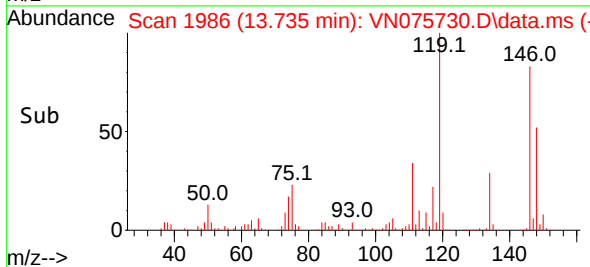
Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022

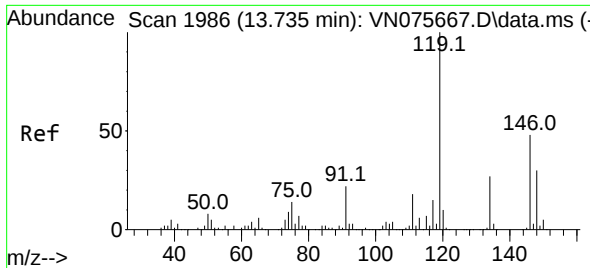


#86
 p-Isopropyltoluene
 Concen: 58.179 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075730.D
 Acq: 12 Dec 2022 22:04



Tgt Ion:119 Resp: 578814
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.9
 91 22.7 11.4 34.1





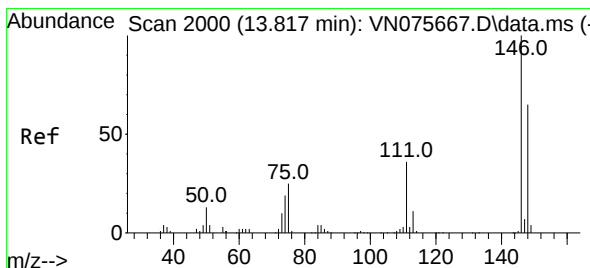
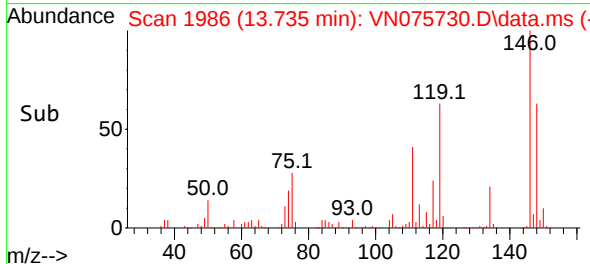
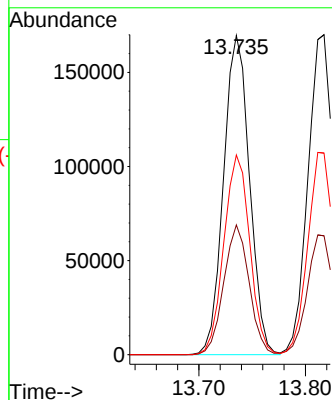
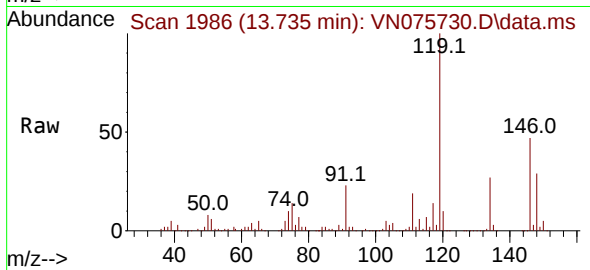
#87
 1,3-Dichlorobenzene
 Concen: 53.522 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075730.D
 Acq: 12 Dec 2022 22:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 28715
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.8 59.3
 148 62.6 32.1 96.3

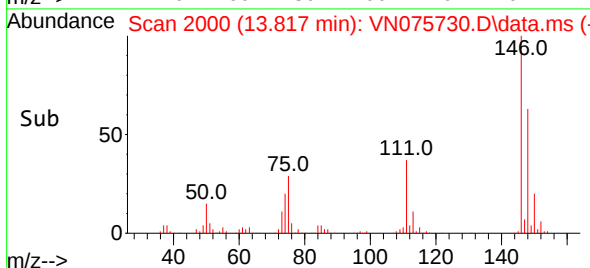
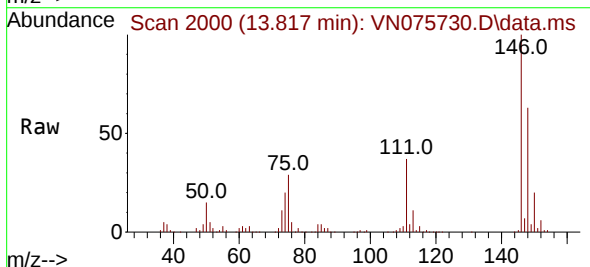
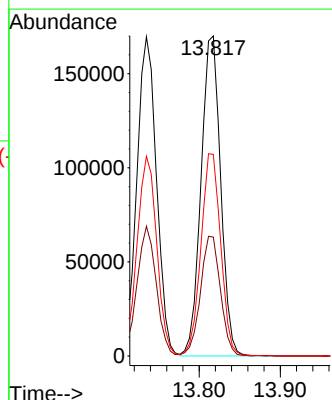
Manual Integrations
 APPROVED

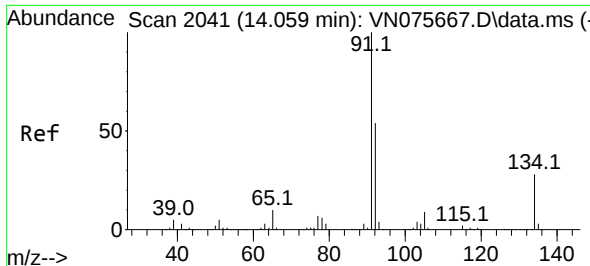
Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022



#88
 1,4-Dichlorobenzene
 Concen: 52.293 ug/l
 RT: 13.817 min Scan# 2000
 Delta R.T. 0.000 min
 Lab File: VN075730.D
 Acq: 12 Dec 2022 22:04

Tgt Ion:146 Resp: 285377
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.1
 148 63.7 32.1 96.3





#89

n-Butylbenzene

Concen: 58.315 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN075730.D

Acq: 12 Dec 2022 22:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 46500

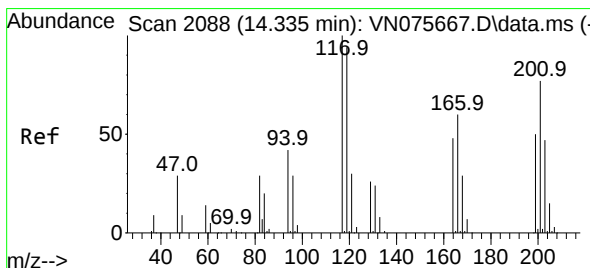
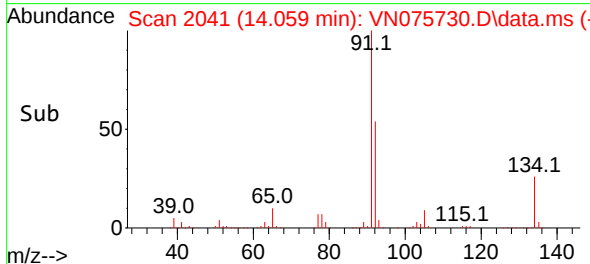
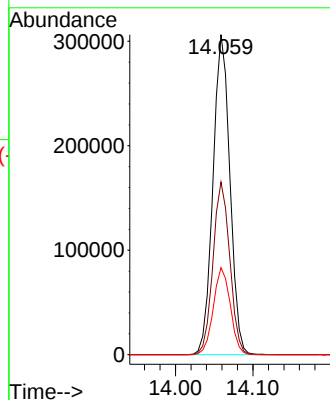
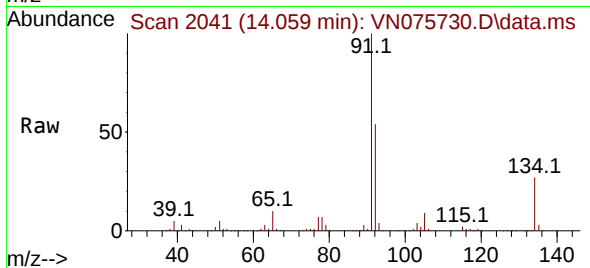
Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.7	80.1
134	27.2	13.9	41.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#90

Hexachloroethane

Concen: 59.045 ug/l

RT: 14.335 min Scan# 2088

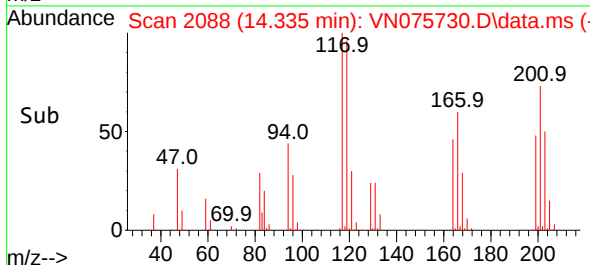
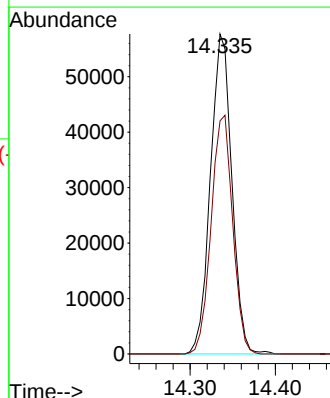
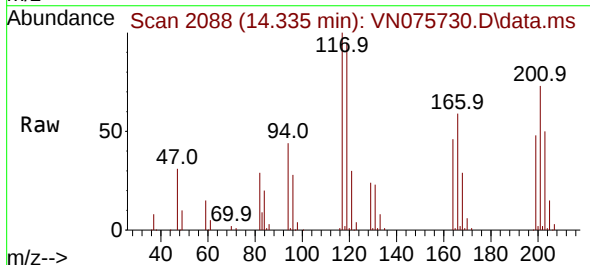
Delta R.T. 0.000 min

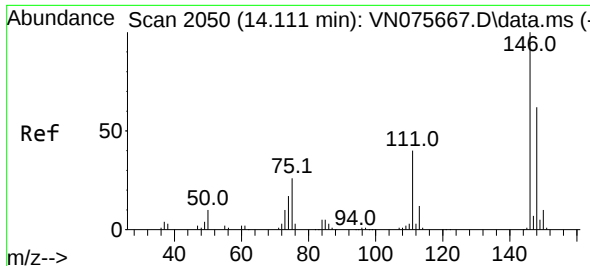
Lab File: VN075730.D

Acq: 12 Dec 2022 22:04

Tgt Ion:117 Resp: 100619

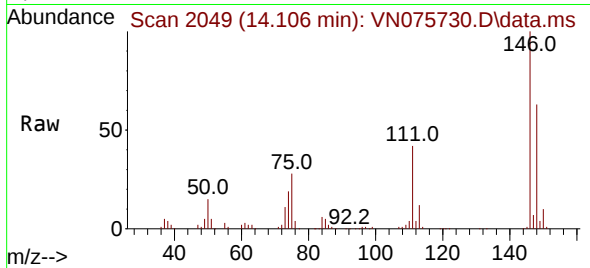
Ion	Ratio	Lower	Upper
117	100		
201	75.0	39.2	117.6





#91
1,2-Dichlorobenzene
Concen: 52.533 ug/l
RT: 14.106 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

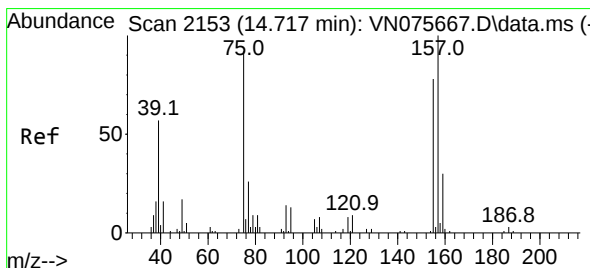
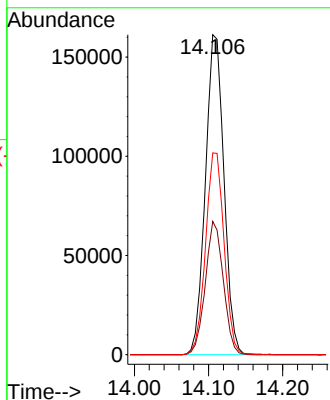
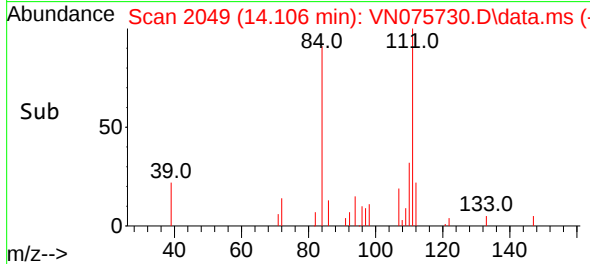
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 28045
Ion Ratio Lower Upper
146 100
111 40.4 20.1 60.3
148 63.1 31.9 95.5

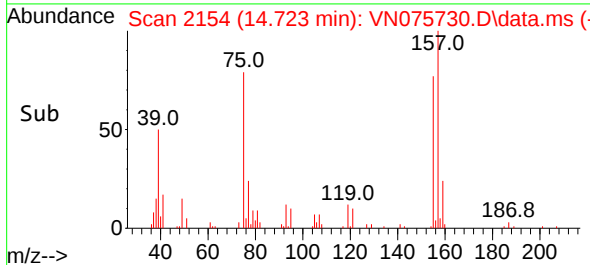
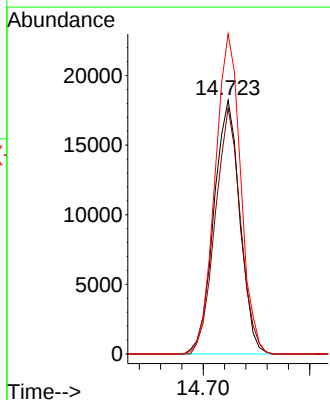
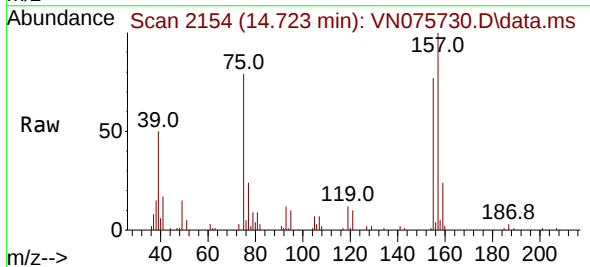
Manual Integrations
APPROVED

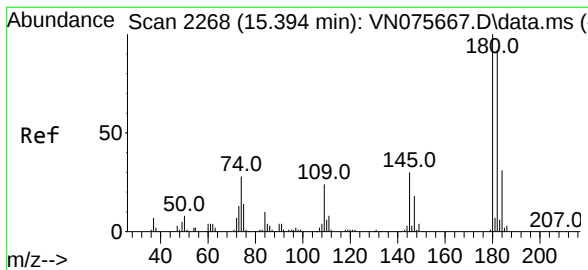
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.716 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

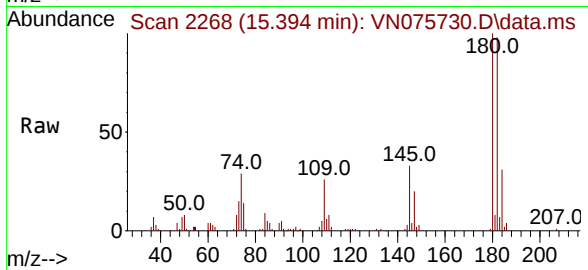
Tgt Ion: 75 Resp: 30811
Ion Ratio Lower Upper
75 100
155 94.3 48.4 145.2
157 124.2 63.5 190.6





#93
1,2,4-Trichlorobenzene
Concen: 55.666 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

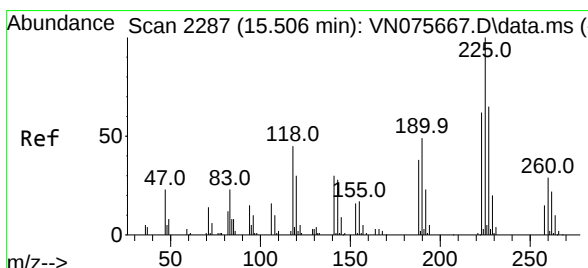
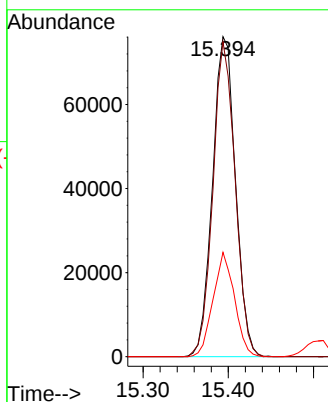
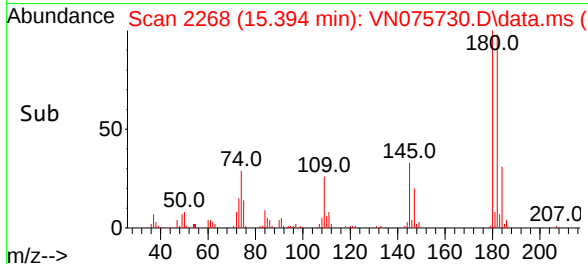
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



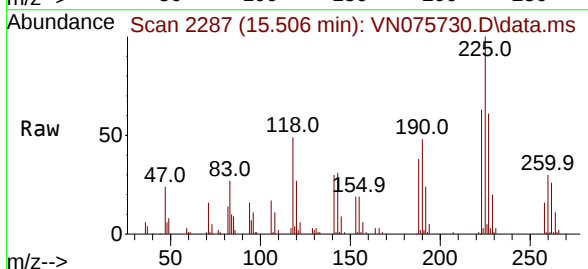
Tgt Ion:180 Resp: 142678
Ion Ratio Lower Upper
180 100
182 95.1 47.1 141.3
145 30.4 15.2 45.5

Manual Integrations
APPROVED

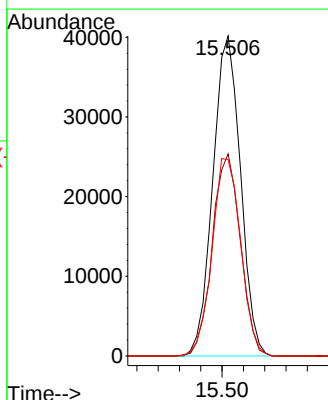
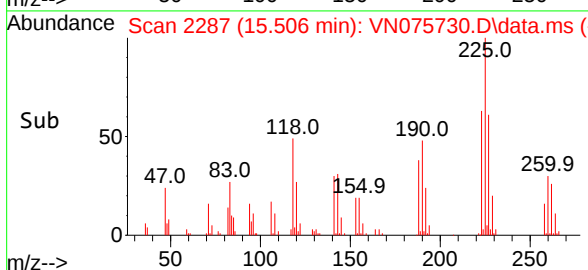
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

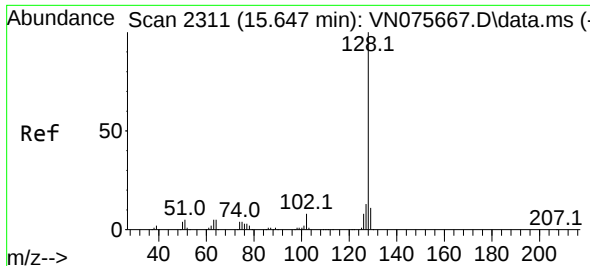


#94
Hexachlorobutadiene
Concen: 49.760 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04



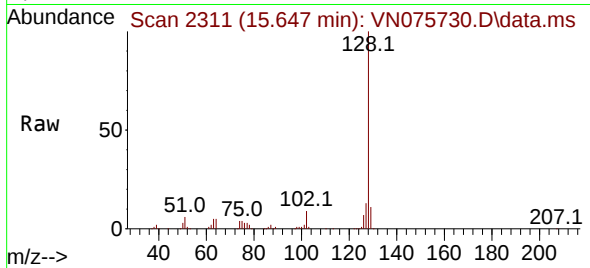
Tgt Ion:225 Resp: 72364
Ion Ratio Lower Upper
225 100
223 64.1 31.4 94.2
227 64.1 31.3 93.9





#95
Naphthalene
Concen: 56.020 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04

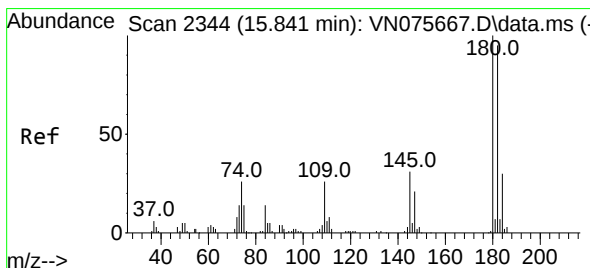
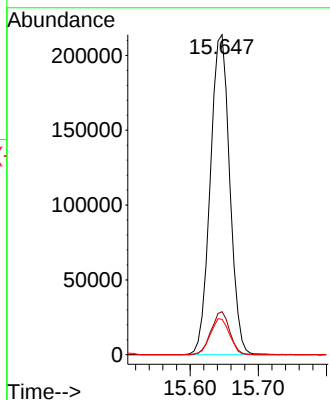
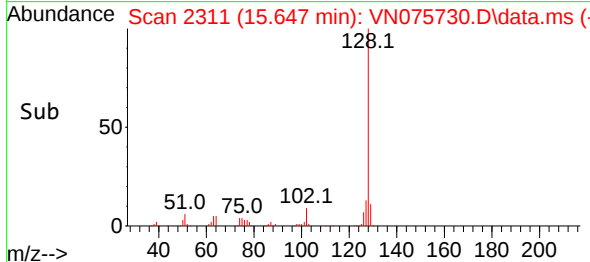
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



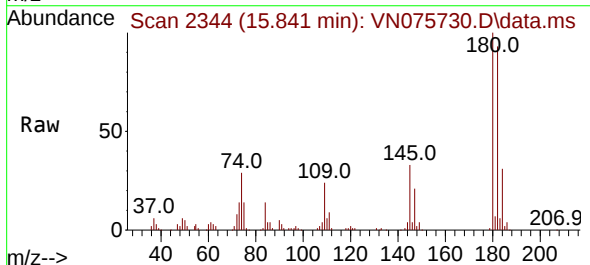
Tgt Ion:128 Resp: 424378
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.2 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 54.018 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075730.D
Acq: 12 Dec 2022 22:04



Tgt Ion:180 Resp: 136045
Ion Ratio Lower Upper
180 100
182 95.6 46.8 140.4
145 33.1 15.6 46.8

