

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122122\
 Data File : VN075908.D
 Acq On : 21 Dec 2022 10:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/21/2022
 Supervised By : Mahesh Dadoda 12/22/2022

Quant Time: Dec 21 14:14:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	335899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	521925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	467836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	226351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	182166	49.850	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.700%			
35) Dibromofluoromethane	8.171	113	169643	52.485	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.980%			
50) Toluene-d8	10.571	98	631552	52.260	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.520%			
62) 4-Bromofluorobenzene	12.853	95	220391	55.061	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	108206	45.370	ug/l	98
3) Chloromethane	2.371	50	129111	43.535	ug/l	96
4) Vinyl Chloride	2.530	62	155052	43.829	ug/l	100
5) Bromomethane	2.959	94	127982	42.568	ug/l	99
6) Chloroethane	3.130	64	115780	44.195	ug/l	98
7) Trichlorofluoromethane	3.512	101	259073	48.263	ug/l	95
8) Diethyl Ether	3.971	74	100393	51.205	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	158744	51.789	ug/l	100
10) Methyl Iodide	4.600	142	243323	48.914	ug/l	99
11) Tert butyl alcohol	5.536	59	111844	216.302	ug/l	98
12) 1,1-Dichloroethene	4.353	96	148278	49.807	ug/l	99
13) Acrolein	4.189	56	181565	286.418	ug/l	96
14) Allyl chloride	5.042	41	190158	54.641	ug/l	99
15) Acrylonitrile	5.730	53	329130	233.249	ug/l	98
16) Acetone	4.442	43	358162	284.324	ug/l	99
17) Carbon Disulfide	4.724	76	328818	45.619	ug/l	98
18) Methyl Acetate	5.036	43	177201	47.589	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	512323	52.259	ug/l	100
20) Methylene Chloride	5.295	84	166181	49.306	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	159228	48.838	ug/l	97
22) Diisopropyl ether	6.683	45	443355	52.442	ug/l	98
23) Vinyl Acetate	6.612	43	1468174	258.015	ug/l	99
24) 1,1-Dichloroethane	6.577	63	281420	49.913	ug/l	99
25) 2-Butanone	7.489	43	465085	263.683	ug/l	97
26) 2,2-Dichloropropane	7.494	77	253538	53.100	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	197702	50.702	ug/l	97
28) Bromochloromethane	7.818	49	112974	45.716	ug/l	98
29) Tetrahydrofuran	7.841	42	266240	240.869	ug/l	99
30) Chloroform	7.971	83	314631	49.563	ug/l	95
31) Cyclohexane	8.259	56	242498	46.335	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	292068	51.896	ug/l	100
36) 1,1-Dichloropropene	8.377	75	226118	52.663	ug/l	98
37) Ethyl Acetate	7.565	43	167009	48.424	ug/l	96
38) Carbon Tetrachloride	8.371	117	256194	53.312	ug/l	98
39) Methylcyclohexane	9.606	83	293972	56.751	ug/l	99
40) Benzene	8.612	78	682095	51.489	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	94655	52.801	ug/l	98
42) 1,2-Dichloroethane	8.677	62	229103	52.019	ug/l	99
43) Isopropyl Acetate	8.688	43	304401	53.506	ug/l	99
44) Trichloroethene	9.353	130	188834	50.598	ug/l	95
45) 1,2-Dichloropropane	9.624	63	167422	51.935	ug/l	100
46) Dibromomethane	9.712	93	123776	51.767	ug/l	98
47) Bromodichloromethane	9.888	83	250247	53.370	ug/l	100
48) Methyl methacrylate	9.682	41	138113	53.901	ug/l	99
49) 1,4-Dioxane	9.700	88	59244	940.475	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	897244	260.784	ug/l	100
52) Toluene	10.635	92	454367	52.664	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	256166	55.811	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	282729	56.103	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	177722	52.481	ug/l	99
56) Ethyl methacrylate	10.877	69	253097	56.268	ug/l	99
57) 1,3-Dichloropropane	11.165	76	286692	51.612	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	428175	298.982	ug/l	98
59) 2-Hexanone	11.200	43	678243	270.314	ug/l	100
60) Dibromochloromethane	11.359	129	203176	53.950	ug/l	100
61) 1,2-Dibromoethane	11.471	107	176636	51.543	ug/l	98
64) Tetrachloroethene	11.106	164	181862	55.243	ug/l	98
65) Chlorobenzene	11.894	112	485221	50.532	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	189957	53.409	ug/l	99
67) Ethyl Benzene	11.965	91	882185	54.435	ug/l	98
68) m/p-Xylenes	12.071	106	707565	110.309	ug/l	98
69) o-Xylene	12.400	106	345406	54.414	ug/l	100
70) Styrene	12.412	104	569592	56.435	ug/l	100
71) Bromoform	12.582	173	142183	54.939	ug/l #	99
73) Isopropylbenzene	12.700	105	907485	55.480	ug/l	99
74) N-amyl acetate	12.494	43	264636	55.148	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	241256	47.711	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	204703m	44.865	ug/l	
77) Bromobenzene	12.982	156	212026	51.219	ug/l	99
78) n-propylbenzene	13.035	91	1041621	57.736	ug/l	99
79) 2-Chlorotoluene	13.129	91	602815	53.528	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	759255	55.460	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	71130	56.114	ug/l	99
82) 4-Chlorotoluene	13.129	91	602815	53.528	ug/l	100
83) tert-Butylbenzene	13.441	119	669414	55.460	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	760168	55.973	ug/l	100
85) sec-Butylbenzene	13.618	105	965965	57.982	ug/l	99
86) p-Isopropyltoluene	13.729	119	815803	58.850	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	407188	53.251	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	398120	50.965	ug/l	100
89) n-Butylbenzene	14.059	91	679758	60.529	ug/l	100
90) Hexachloroethane	14.335	117	142821	57.596	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	403062	53.514	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	44350	49.429	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	218794	58.675	ug/l	99
94) Hexachlorobutadiene	15.506	225	114209	56.138	ug/l	99
95) Naphthalene	15.641	128	611295	49.639	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	212722	61.036	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

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

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MSVOA_N

ClientSampleId :

VSTDCCC050

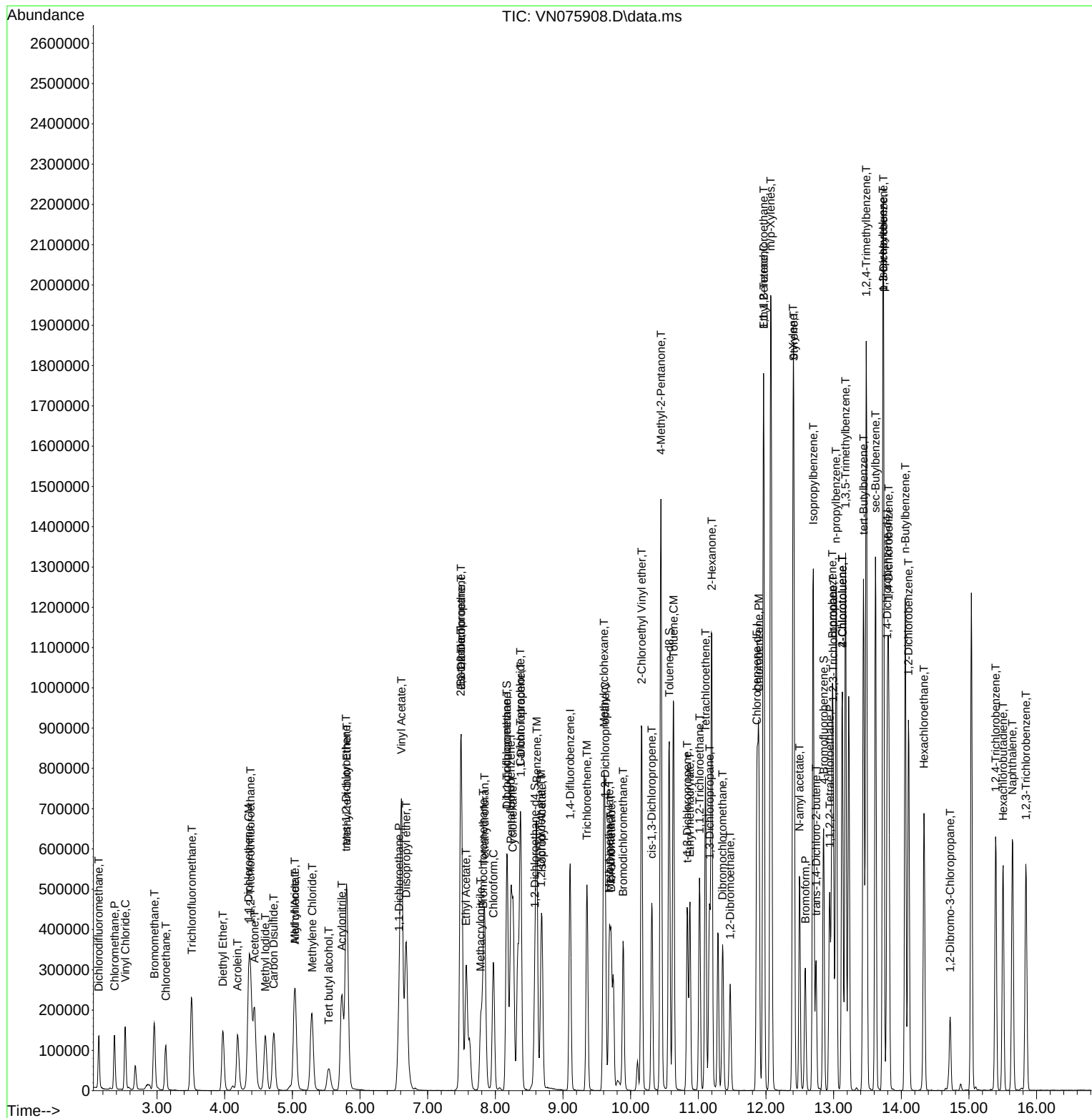
Manual Integrations

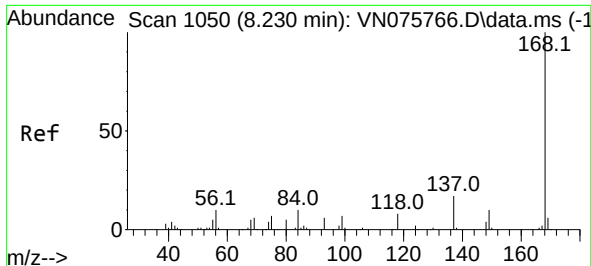
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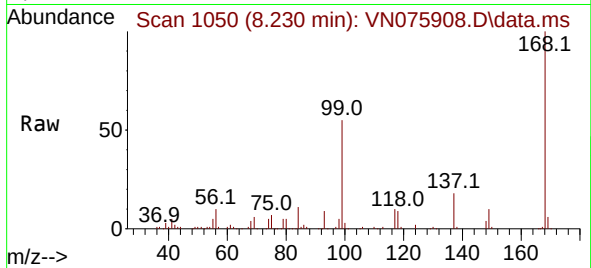
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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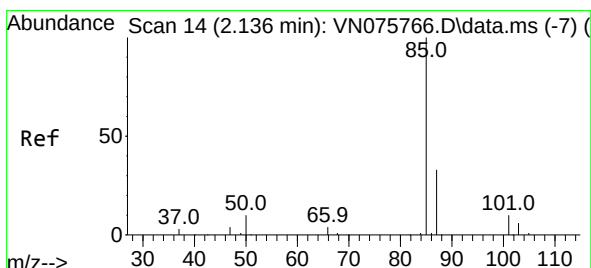
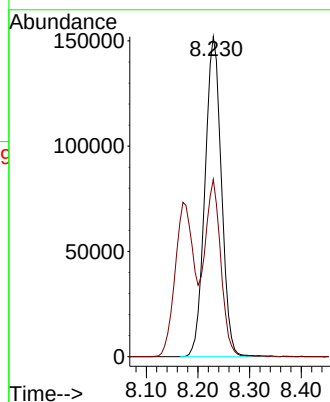
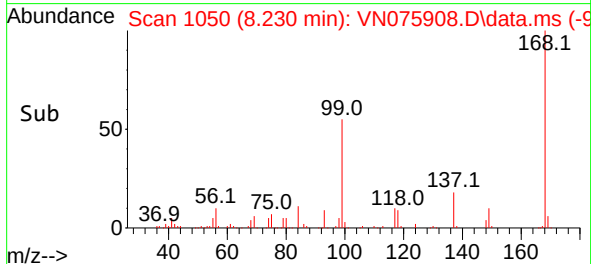
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Tgt Ion:168 Resp: 335899
Ion Ratio Lower Upper
168 100
99 55.4 44.2 66.4

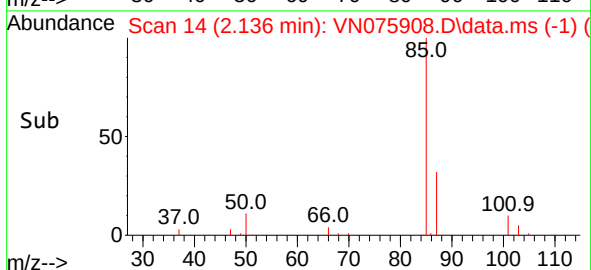
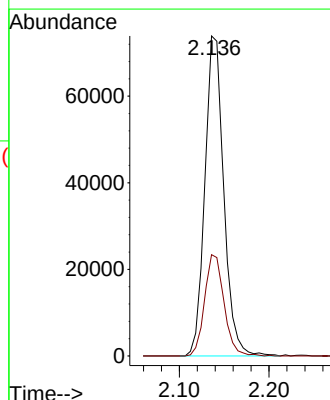
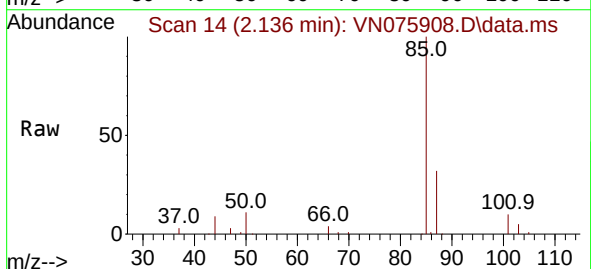
Manual Integrations
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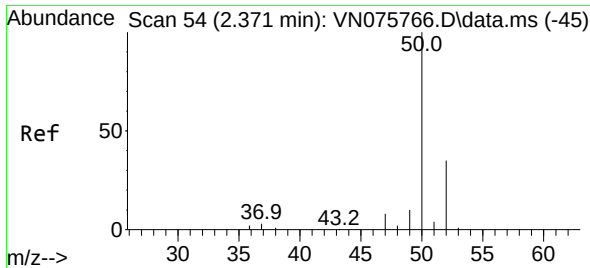
Reviewed By :John Carlone 12/21/2022
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#2
Dichlorodifluoromethane
Concen: 45.370 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

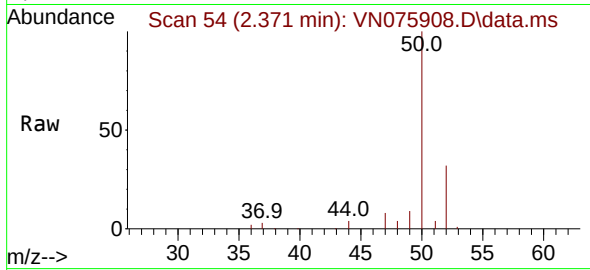
Tgt Ion: 85 Resp: 108206
Ion Ratio Lower Upper
85 100
87 31.7 16.3 48.9





#3
Chloromethane
Concen: 43.535 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

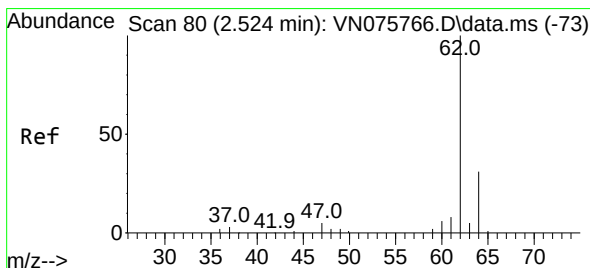
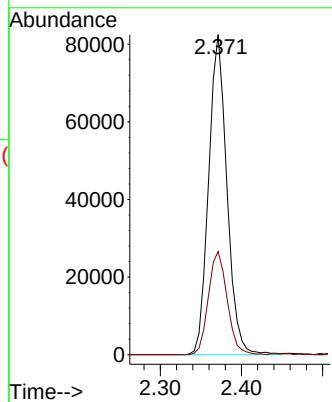
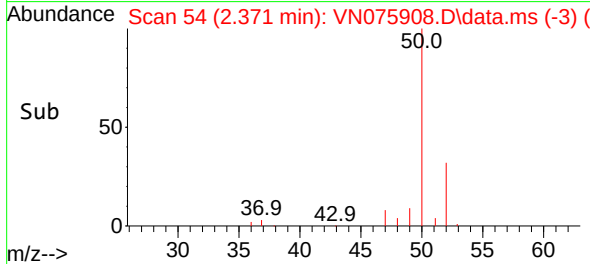
Instrument :
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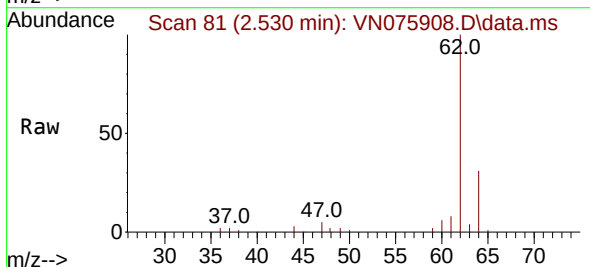
Tgt Ion: 50 Resp: 12911
Ion Ratio Lower Upper
50 100
52 32.3 27.7 41.5

Manual Integrations
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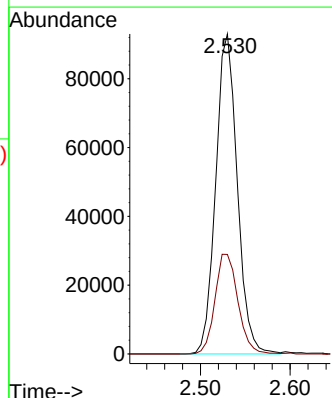
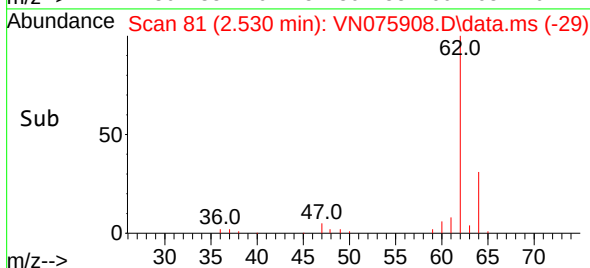
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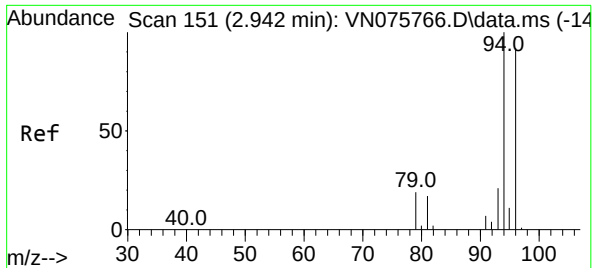


#4
Vinyl Chloride
Concen: 43.829 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22



Tgt Ion: 62 Resp: 155052
Ion Ratio Lower Upper
62 100
64 31.1 24.9 37.3





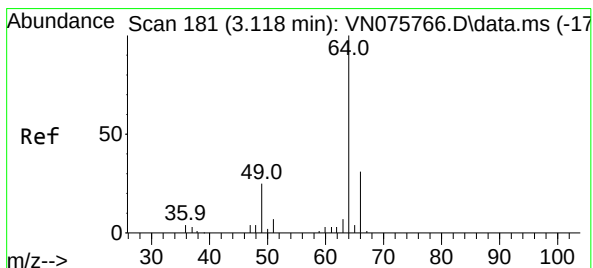
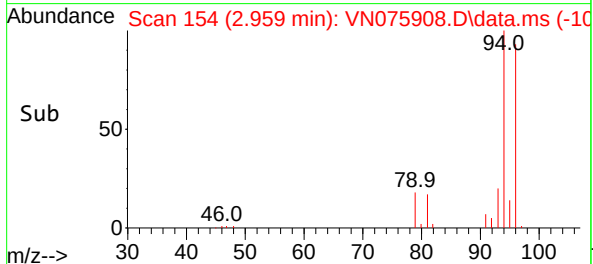
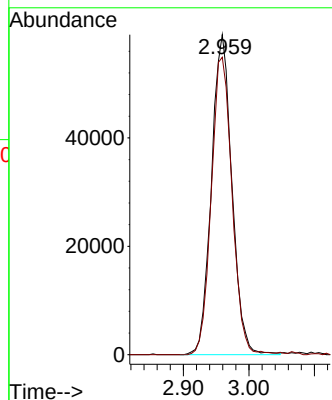
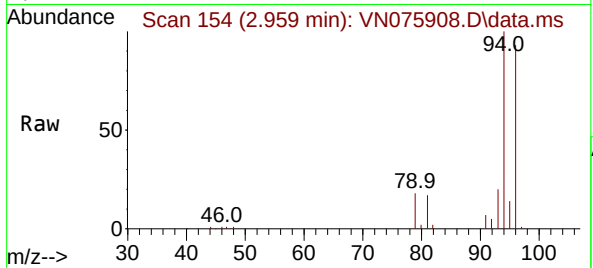
#5
Bromomethane
Concen: 42.568 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN075908.D
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Instrument :
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Tgt Ion: 94 Resp: 12798
Ion Ratio Lower Upper
94 100
96 93.0 73.8 110.6

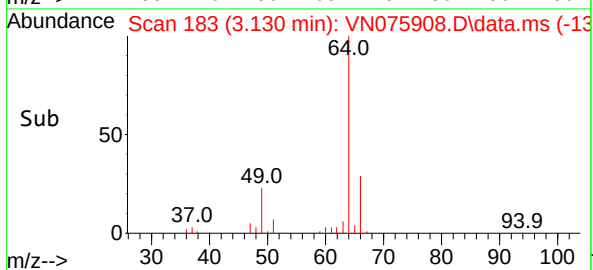
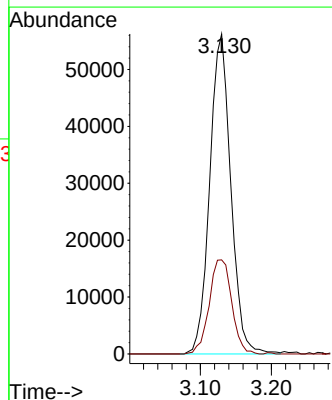
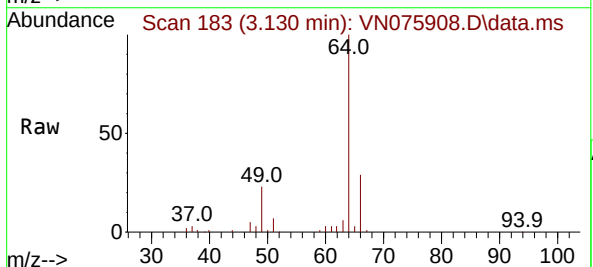
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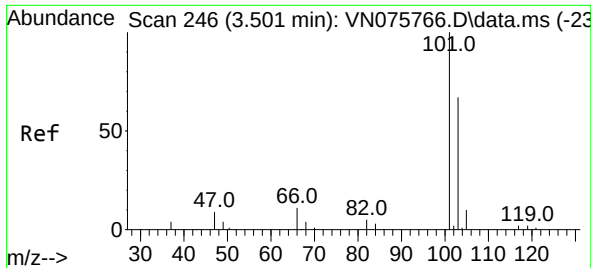
Reviewed By :John Carlone 12/21/2022
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#6
Chloroethane
Concen: 44.195 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

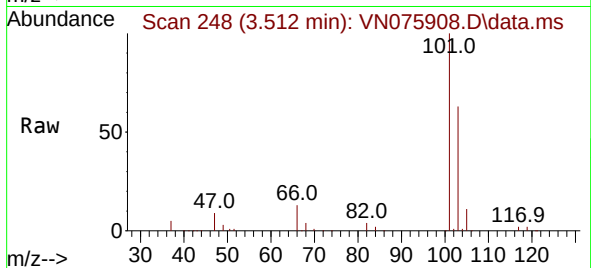
Tgt Ion: 64 Resp: 115780
Ion Ratio Lower Upper
64 100
66 29.4 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 48.263 ug/l
 RT: 3.512 min Scan# 246
 Delta R.T. 0.012 min
 Lab File: VN075908.D
 Acq: 21 Dec 2022 10:22

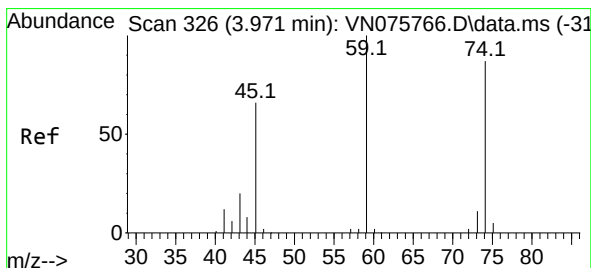
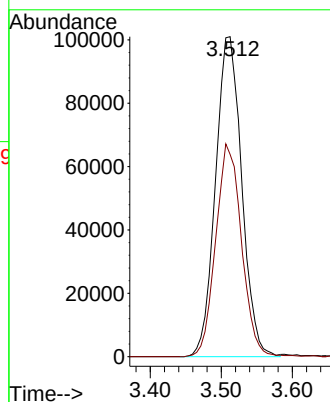
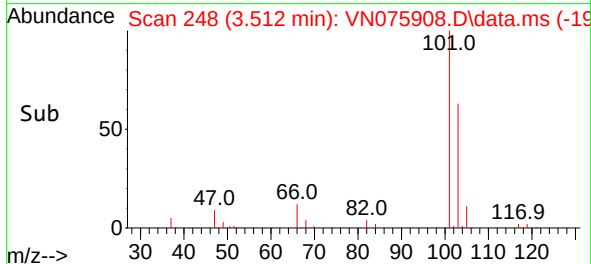
Instrument :
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Tgt Ion:101 Resp: 25907
 Ion Ratio Lower Upper
 101 100
 103 63.2 53.4 80.2

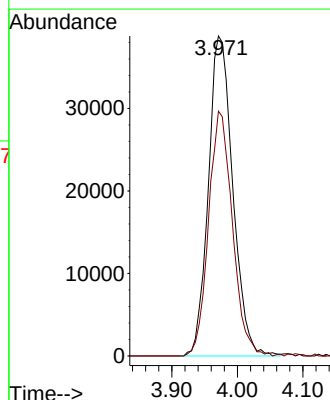
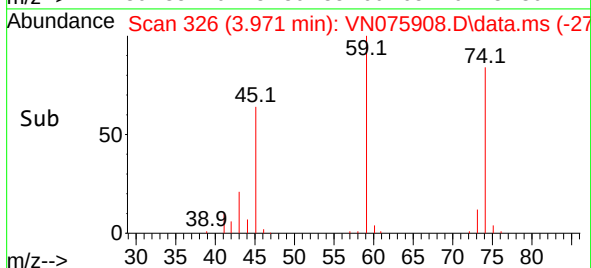
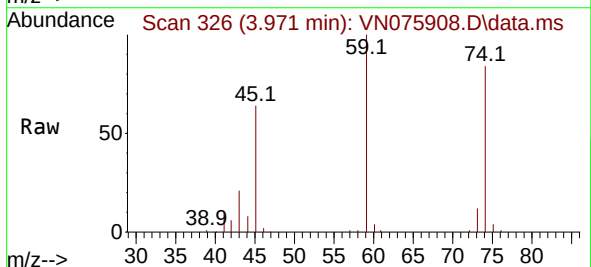
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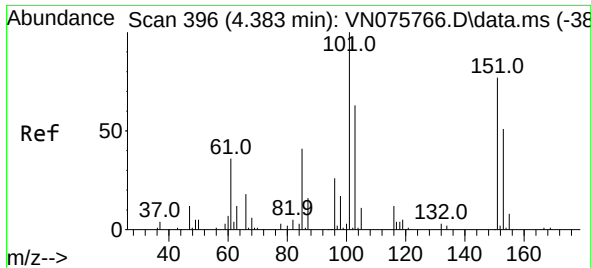
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#8
 Diethyl Ether
 Concen: 51.205 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.000 min
 Lab File: VN075908.D
 Acq: 21 Dec 2022 10:22

Tgt Ion: 74 Resp: 100393
 Ion Ratio Lower Upper
 74 100
 45 74.7 37.8 113.4





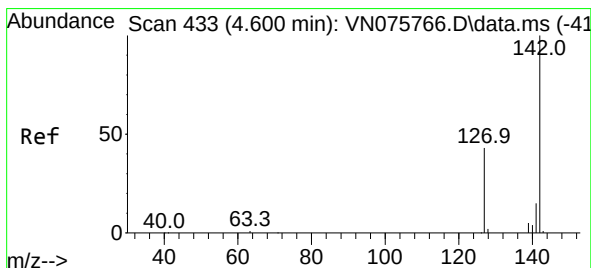
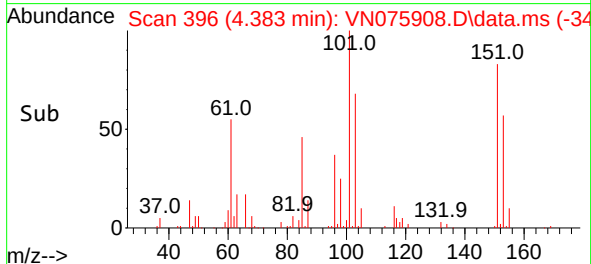
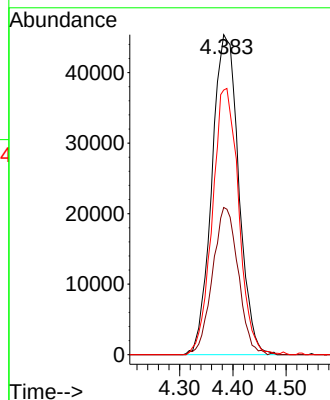
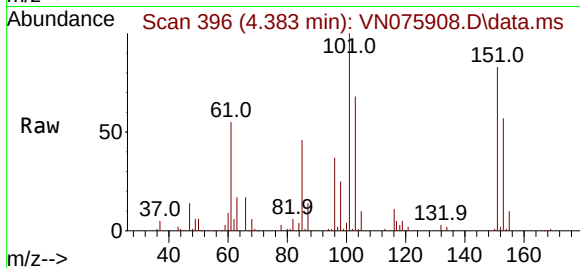
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.789 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 158744
Ion Ratio Lower Upper
101 100
85 44.1 35.3 52.9
151 81.3 65.6 98.4

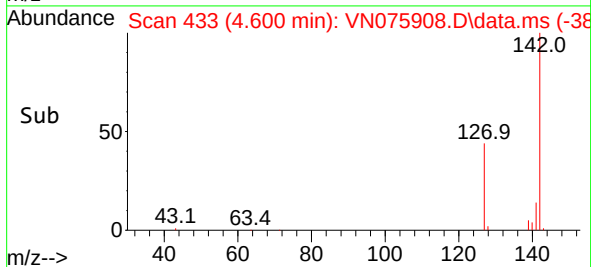
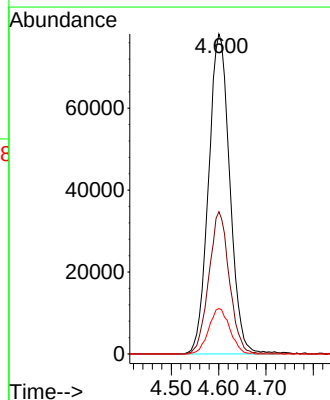
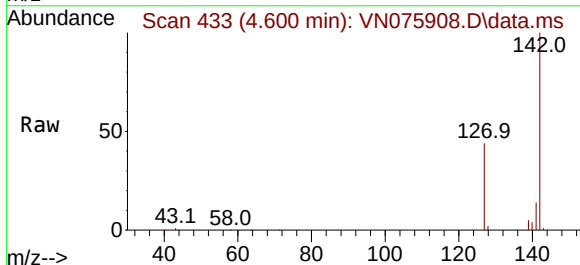
Manual Integrations
APPROVED

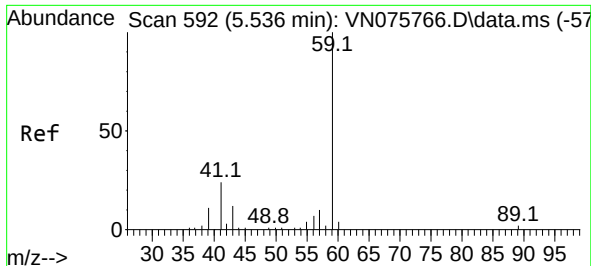
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#10
Methyl Iodide
Concen: 48.914 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

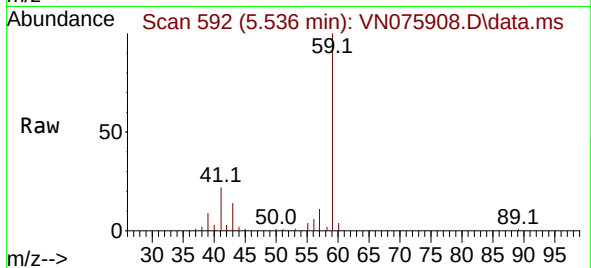
Tgt Ion:142 Resp: 243323
Ion Ratio Lower Upper
142 100
127 42.9 34.7 52.1
141 14.1 11.4 17.2





#11
Tert butyl alcohol
Concen: 216.302 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

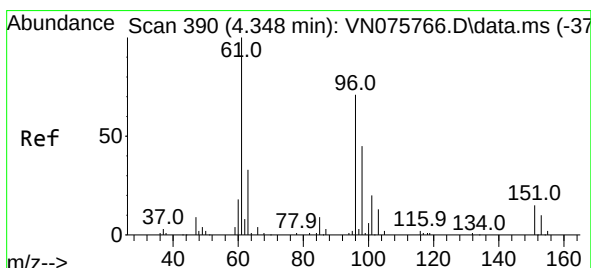
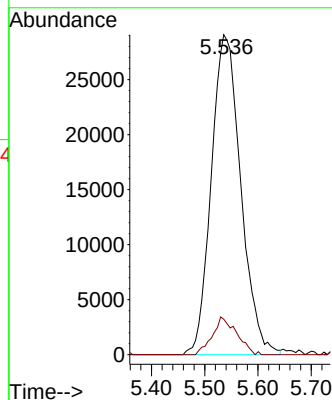
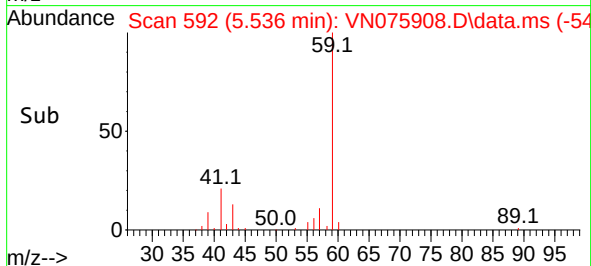
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



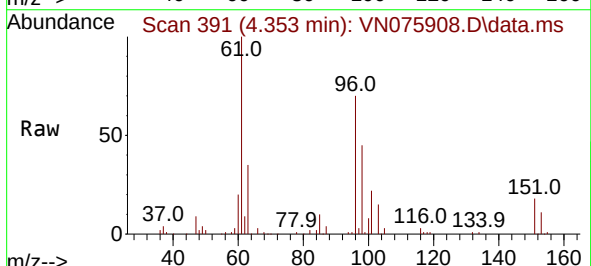
Tgt Ion: 59 Resp: 111844
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4

Manual Integrations
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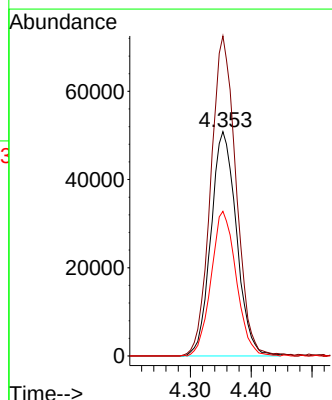
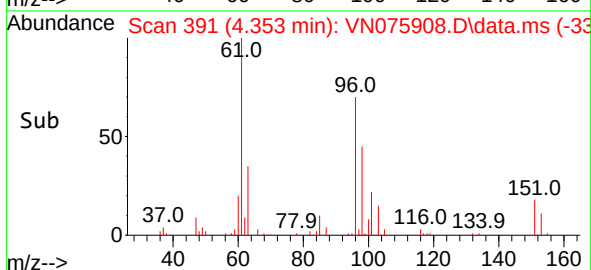
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

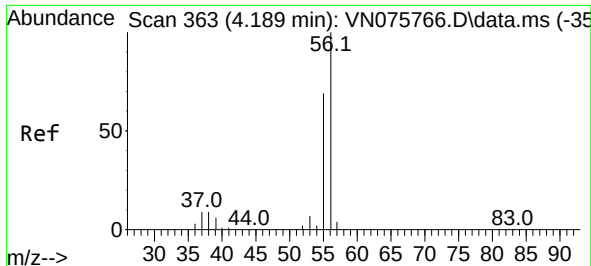


#12
1,1-Dichloroethene
Concen: 49.807 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22



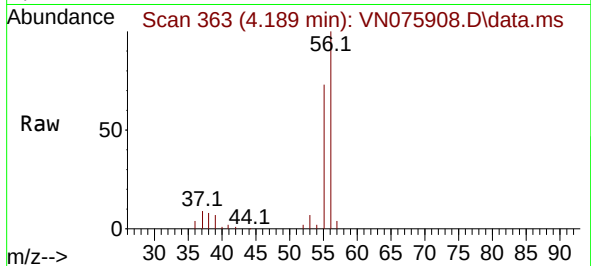
Tgt Ion: 96 Resp: 148278
Ion Ratio Lower Upper
96 100
61 142.6 113.3 169.9
98 64.5 50.9 76.3





#13
Acrolein
Concen: 286.418 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

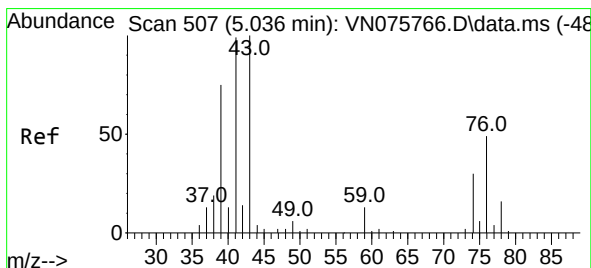
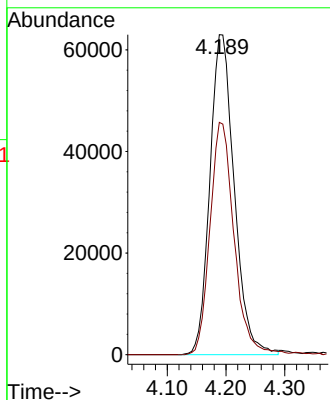
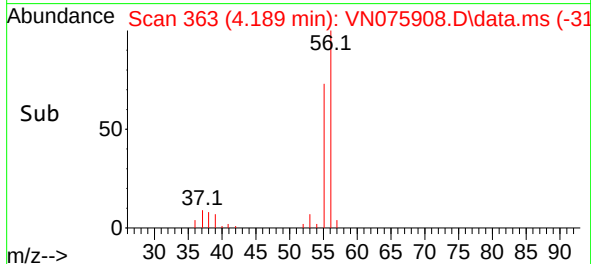
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



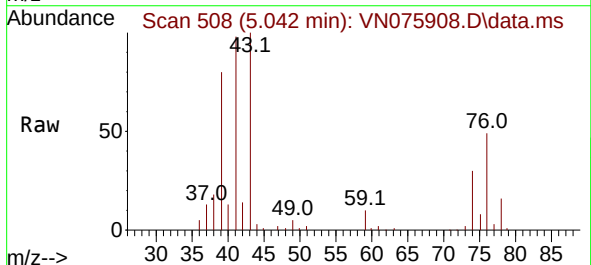
Tgt Ion: 56 Resp: 18156
Ion Ratio Lower Upper
56 100
55 71.5 54.8 82.2

Manual Integrations
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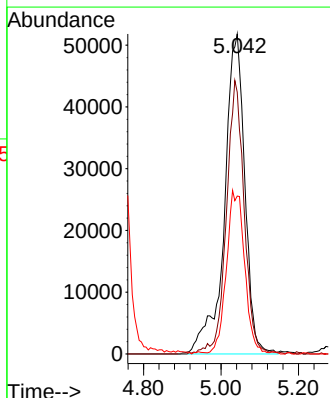
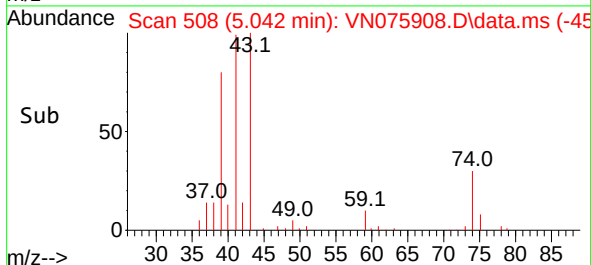
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

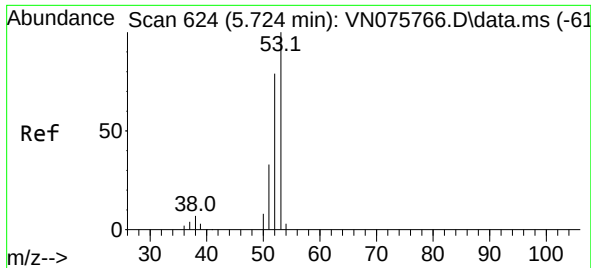


#14
Allyl chloride
Concen: 54.641 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22



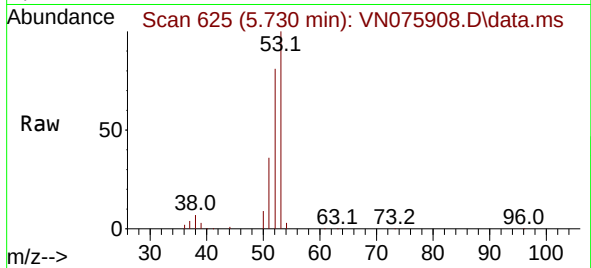
Tgt Ion: 41 Resp: 190158
Ion Ratio Lower Upper
41 100
39 74.2 58.3 87.5
76 44.7 35.8 53.6





#15
Acrylonitrile
Concen: 233.249 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

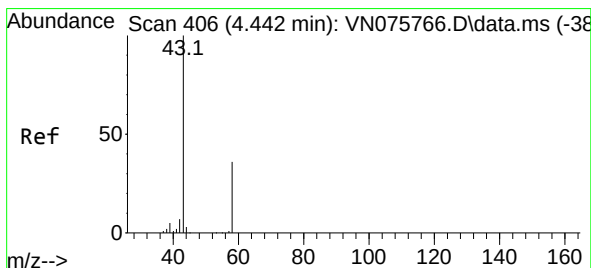
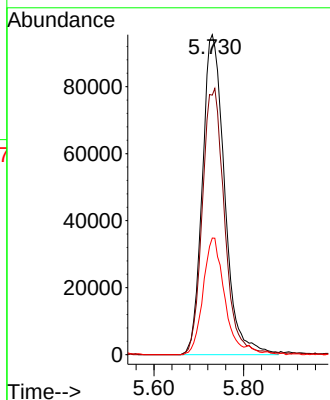
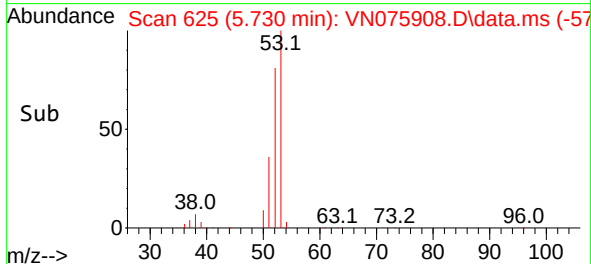
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 329130
Ion Ratio Lower Upper
53 100
52 82.7 65.4 98.0
51 34.5 28.9 43.3

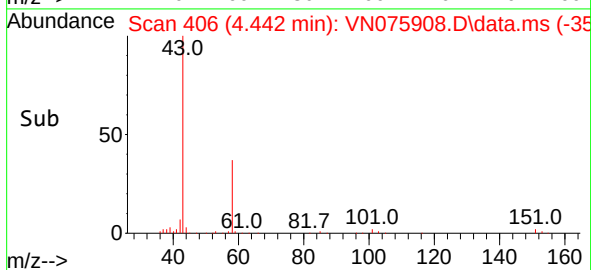
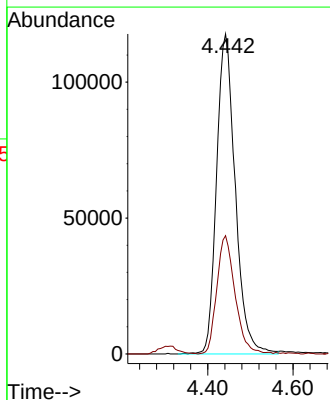
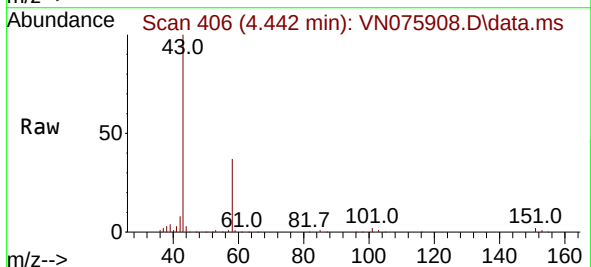
Manual Integrations
APPROVED

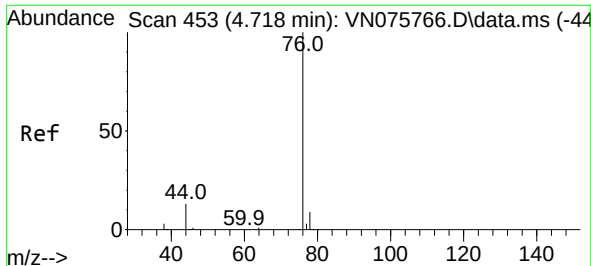
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#16
Acetone
Concen: 284.324 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

Tgt Ion: 43 Resp: 358162
Ion Ratio Lower Upper
43 100
58 36.7 28.6 43.0





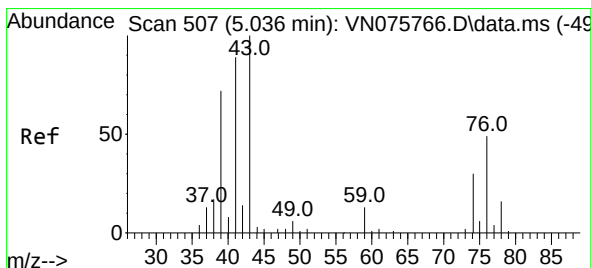
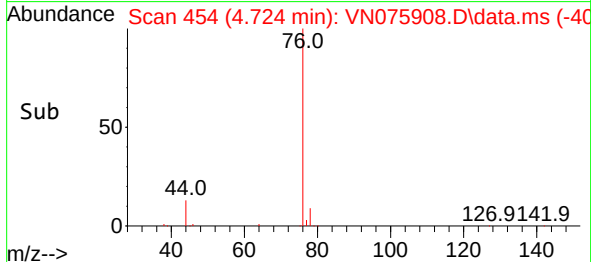
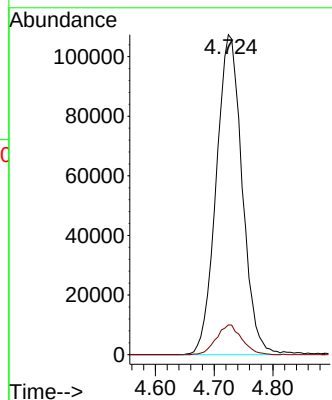
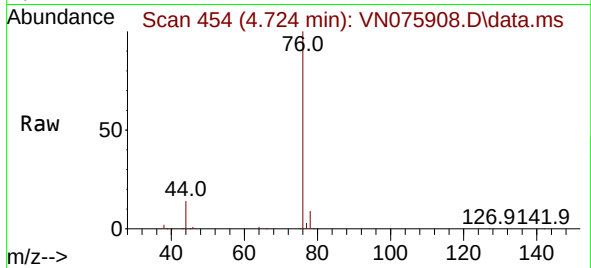
#17
Carbon Disulfide
Concen: 45.619 ug/l
RT: 4.724 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 328818
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2

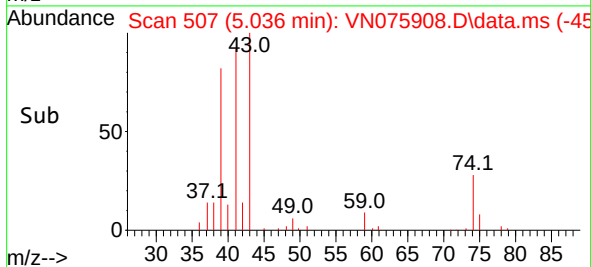
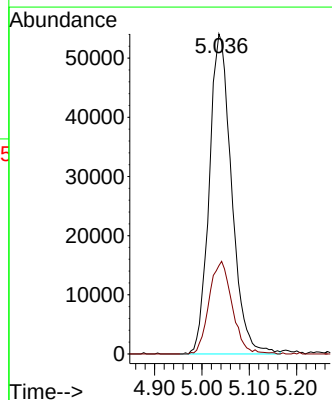
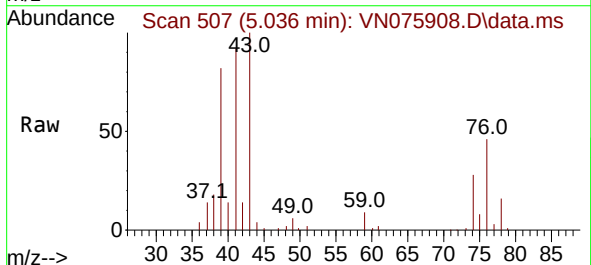
Manual Integrations
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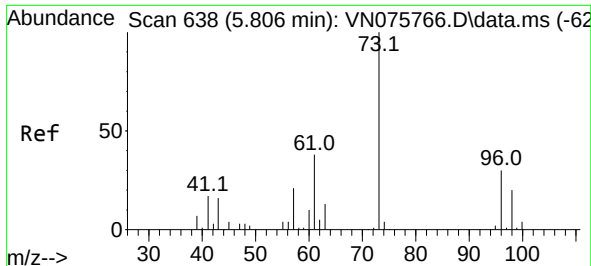
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#18
Methyl Acetate
Concen: 47.589 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

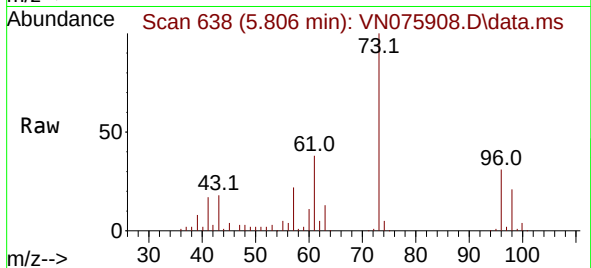
Tgt Ion: 43 Resp: 177201
Ion Ratio Lower Upper
43 100
74 29.9 23.6 35.4





#19
Methyl tert-butyl Ether
Concen: 52.259 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

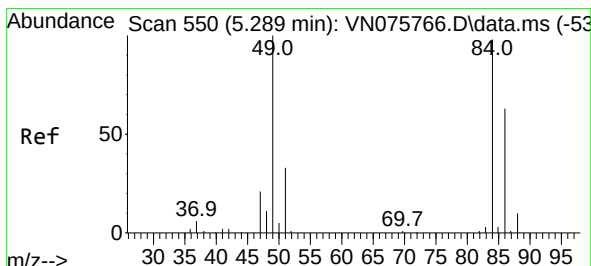
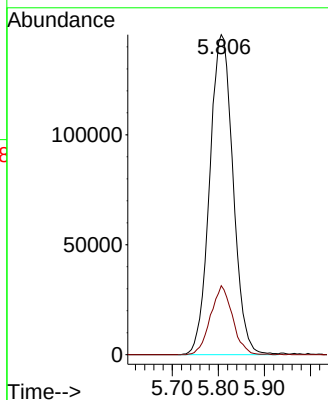
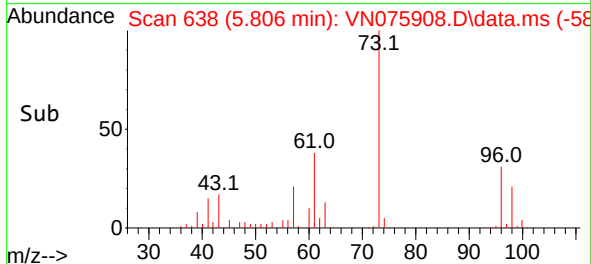
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



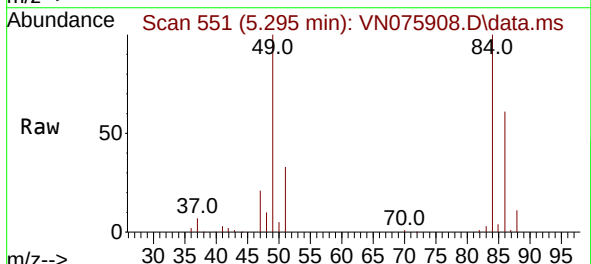
Tgt Ion: 73 Resp: 51232
Ion Ratio Lower Upper
73 100
57 21.5 17.1 25.7

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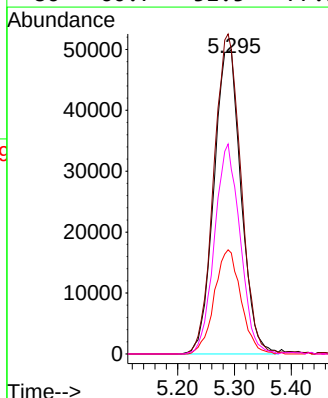
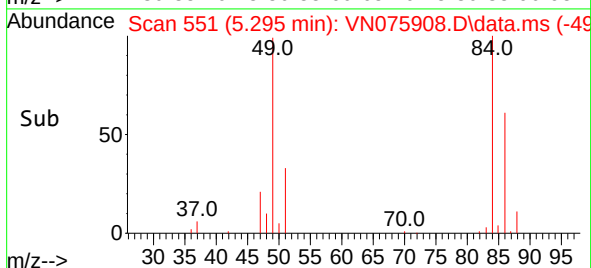
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

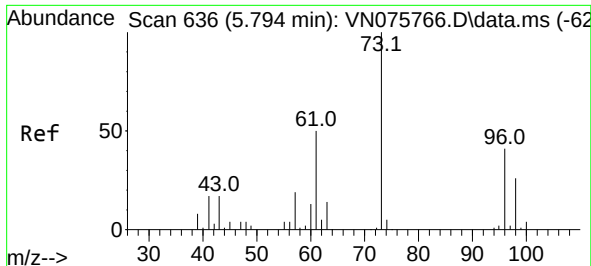


#20
Methylene Chloride
Concen: 49.306 ug/l
RT: 5.295 min Scan# 551
Delta R.T. 0.006 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22



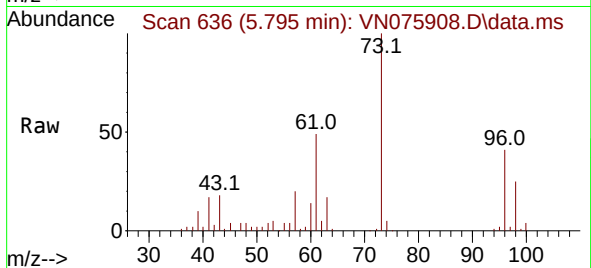
Tgt Ion: 84 Resp: 166181
Ion Ratio Lower Upper
84 100
49 99.9 81.8 122.6
51 33.2 26.7 40.1
86 60.7 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 48.838 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

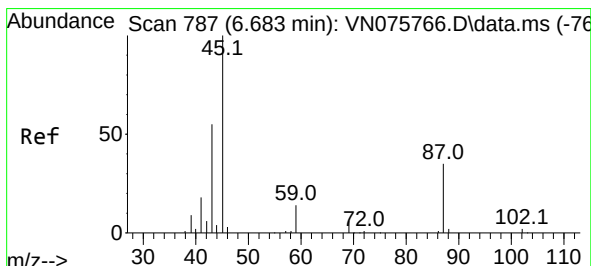
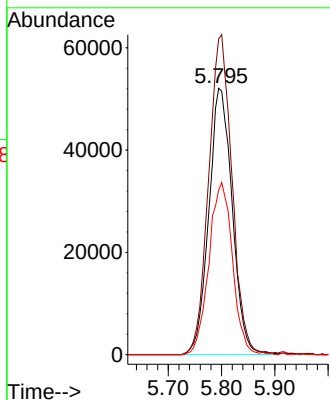
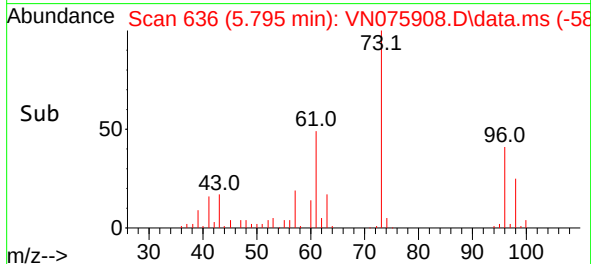
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



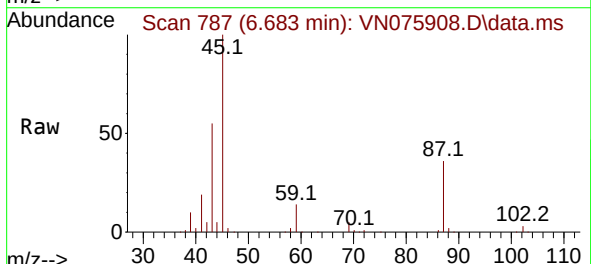
Tgt Ion: 96 Resp: 159228
Ion Ratio Lower Upper
96 100
61 118.6 98.1 147.1
98 61.8 51.4 77.2

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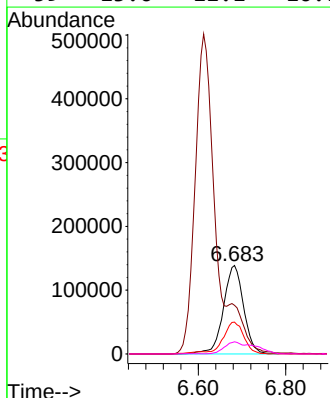
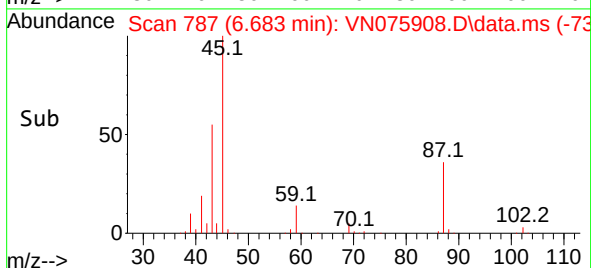
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

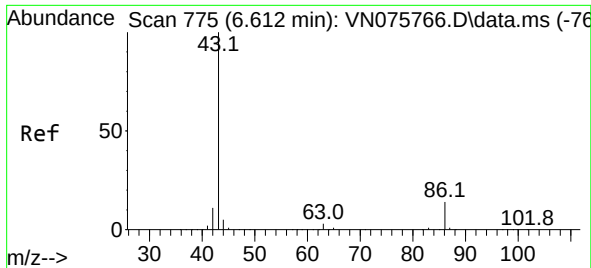


#22
Diisopropyl ether
Concen: 52.442 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22



Tgt Ion: 45 Resp: 443355
Ion Ratio Lower Upper
45 100
43 53.6 44.2 66.4
87 36.1 28.3 42.5
59 13.6 11.1 16.7





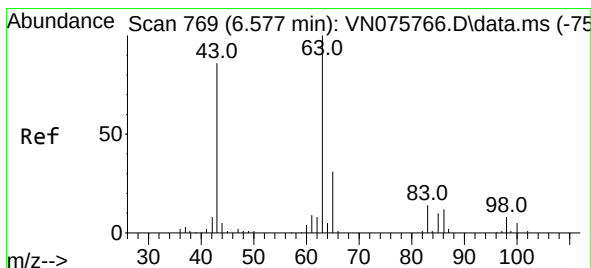
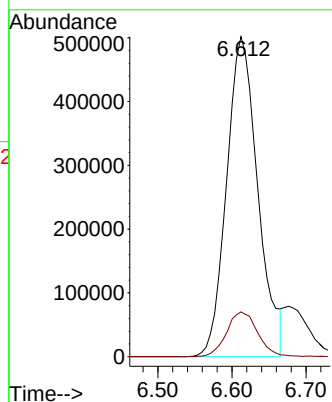
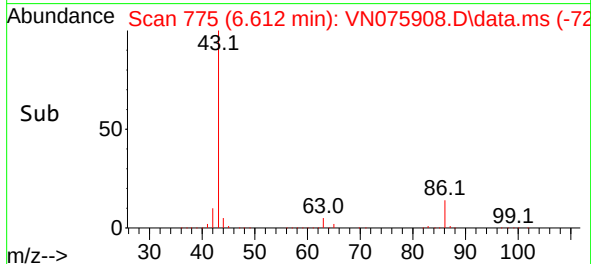
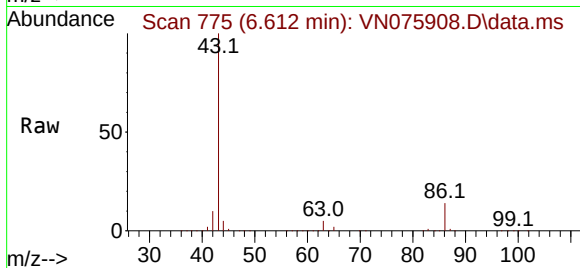
#23
 Vinyl Acetate
 Concen: 258.015 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075908.D
 Acq: 21 Dec 2022 10:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1468174
 Ion Ratio Lower Upper
 43 100
 86 14.0 11.4 17.2

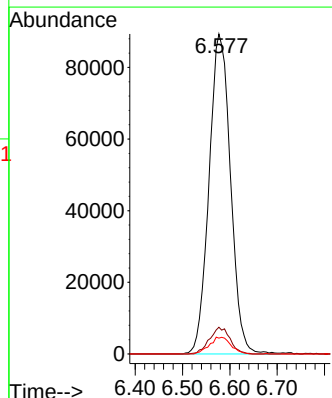
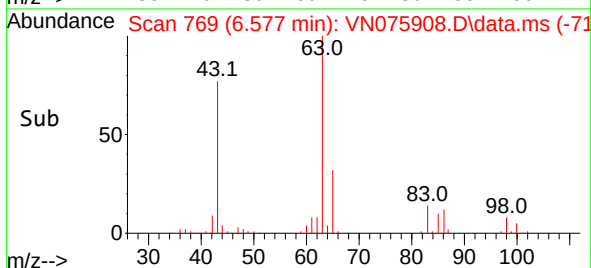
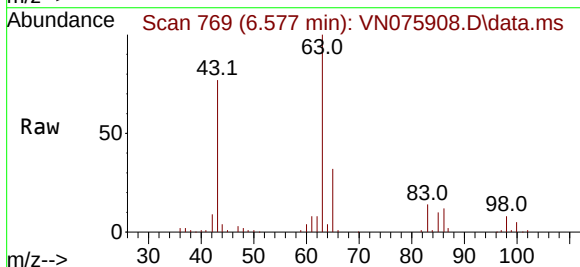
Manual Integrations
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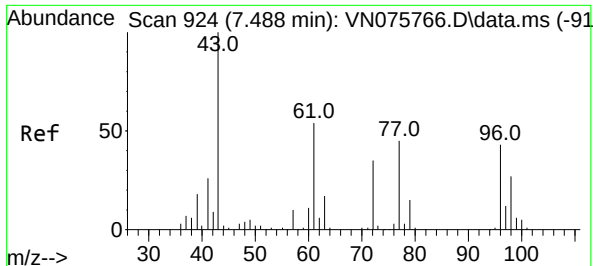
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/22/2022



#24
 1,1-Dichloroethane
 Concen: 49.913 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075908.D
 Acq: 21 Dec 2022 10:22

Tgt Ion: 63 Resp: 281420
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.9 11.5
 100 5.0 2.5 7.6





#25

2-Butanone

Concen: 263.683 ug/l

RT: 7.489 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075908.D

Acq: 21 Dec 2022 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 46508

Ion Ratio Lower Upper

43 100

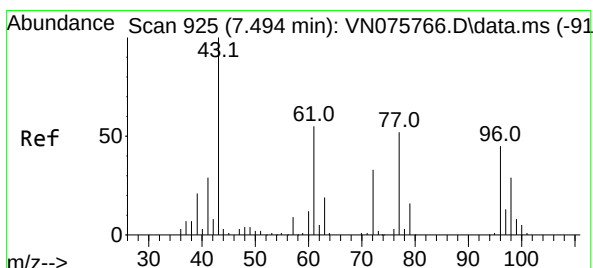
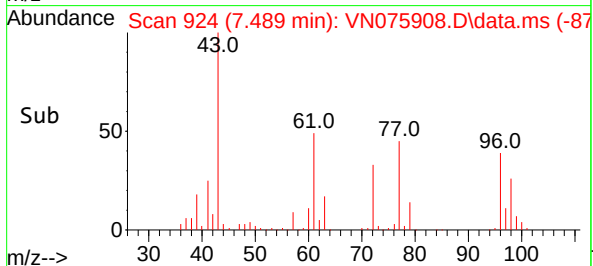
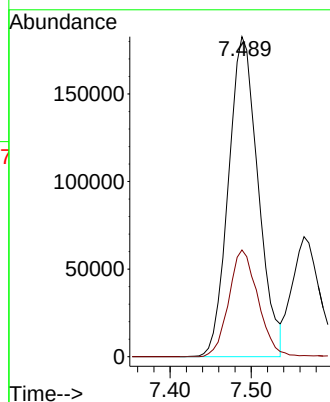
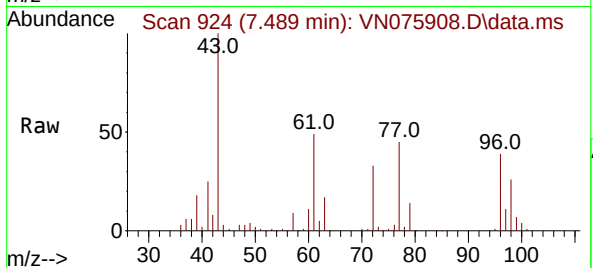
72 33.4 28.0 42.0

Manual Integrations

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Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/22/2022



#26

2,2-Dichloropropane

Concen: 53.100 ug/l

RT: 7.494 min Scan# 925

Delta R.T. 0.000 min

Lab File: VN075908.D

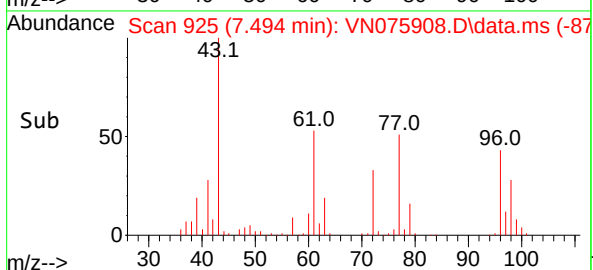
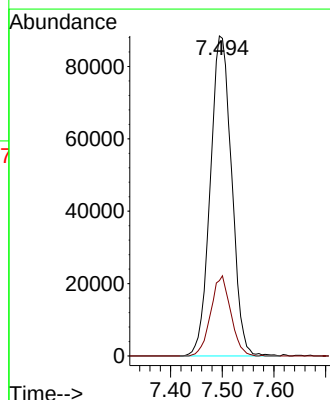
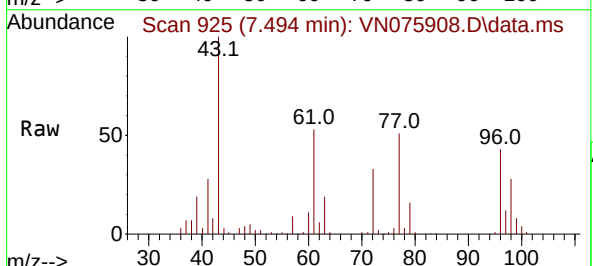
Acq: 21 Dec 2022 10:22

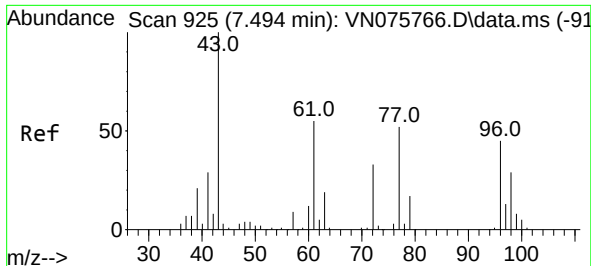
Tgt Ion: 77 Resp: 253538

Ion Ratio Lower Upper

77 100

97 23.5 12.7 38.0





#27

cis-1,2-Dichloroethene

Concen: 50.702 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075908.D

Acq: 21 Dec 2022 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 19770

Ion Ratio Lower Upper

96 100

61 128.4 0.0 247.8

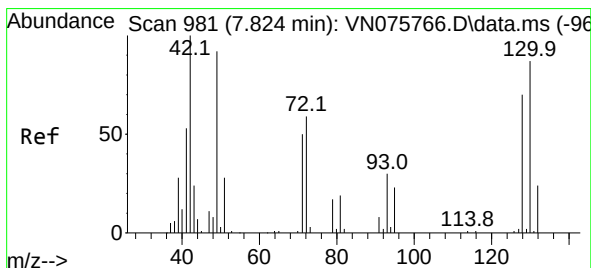
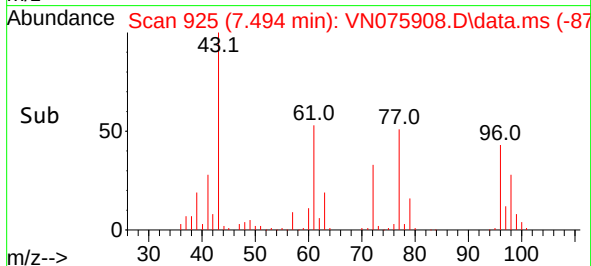
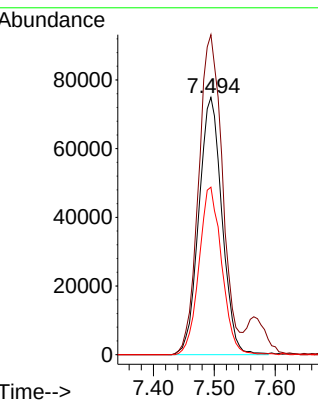
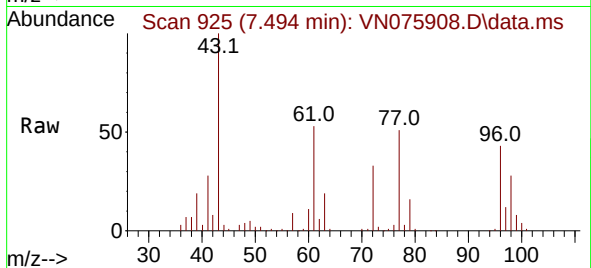
98 64.0 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/22/2022



#28

Bromochloromethane

Concen: 45.716 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.006 min

Lab File: VN075908.D

Acq: 21 Dec 2022 10:22

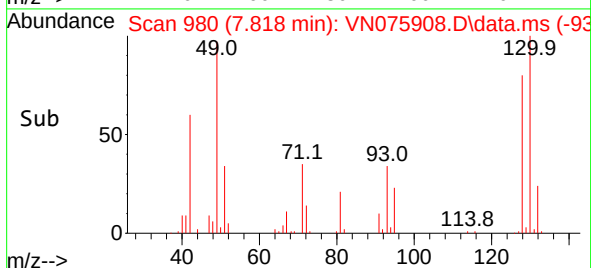
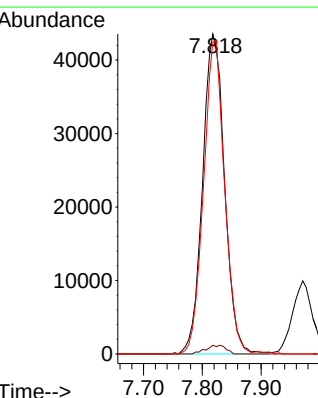
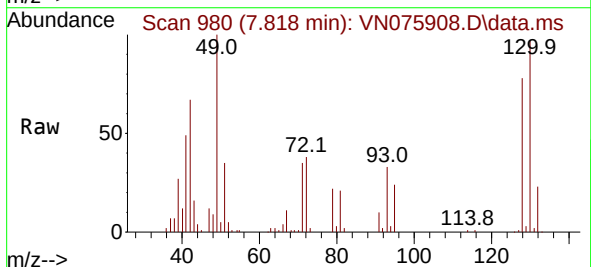
Tgt Ion: 49 Resp: 112974

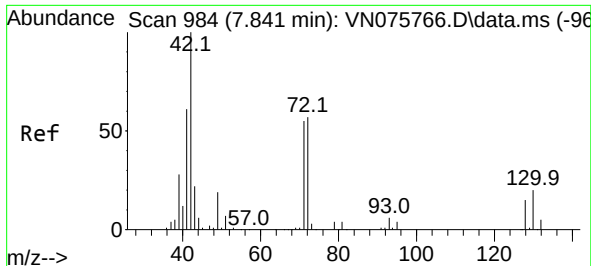
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.0

130 94.0 77.0 115.4





#29

Tetrahydrofuran

Concen: 240.869 ug/l

RT: 7.841 min Scan# 984

Delta R.T. 0.000 min

Lab File: VN075908.D

Acq: 21 Dec 2022 10:22

Instrument :

MSVOA_N

ClientSampleId :

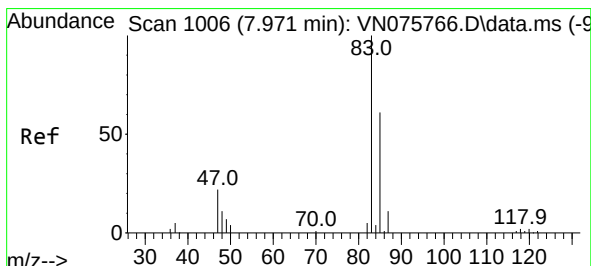
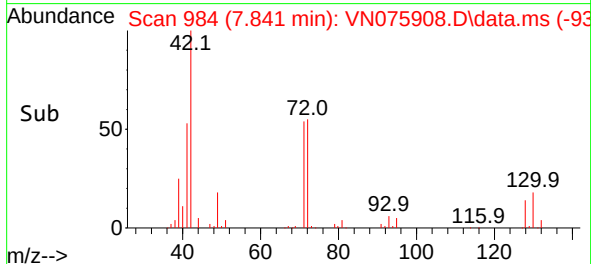
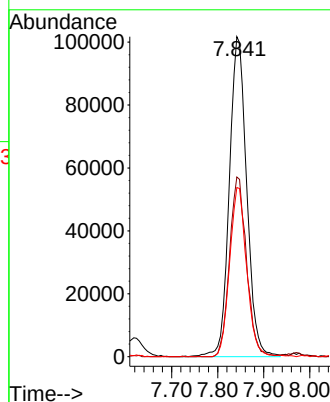
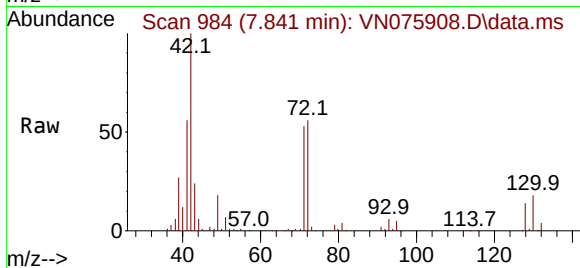
VSTDCCC050

Tgt Ion: 42 Resp: 266240
 Ion Ratio Lower Upper
 42 100
 72 55.0 44.5 66.7
 71 51.9 41.0 61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/22/2022



#30

Chloroform

Concen: 49.563 ug/l

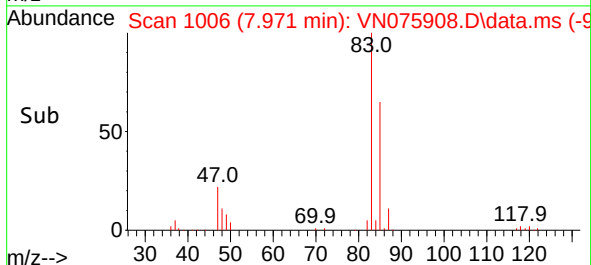
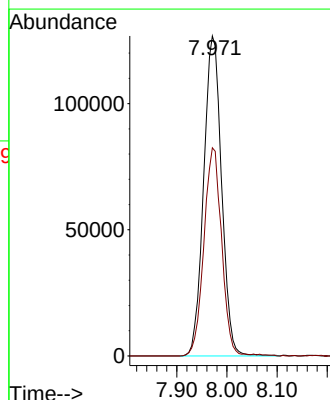
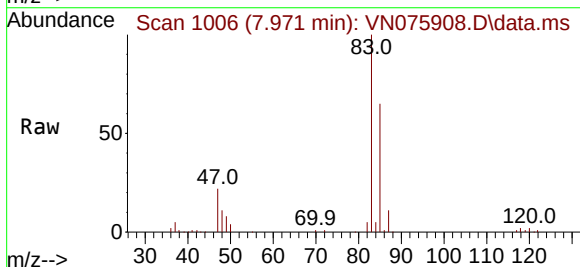
RT: 7.971 min Scan# 1006

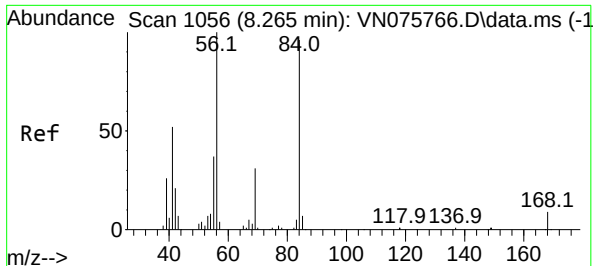
Delta R.T. 0.000 min

Lab File: VN075908.D

Acq: 21 Dec 2022 10:22

Tgt Ion: 83 Resp: 314631
 Ion Ratio Lower Upper
 83 100
 85 65.1 49.1 73.7





#31

Cyclohexane

Concen: 46.335 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN075908.D

Acq: 21 Dec 2022 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 242498

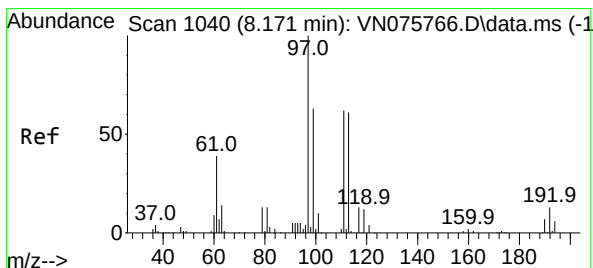
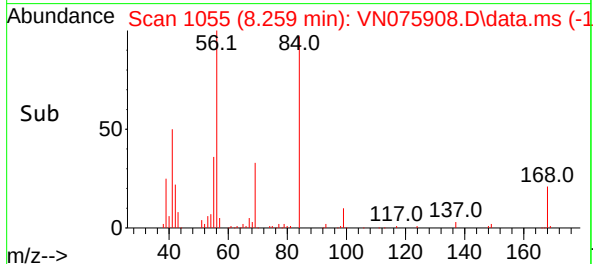
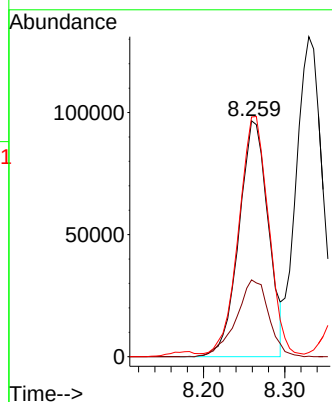
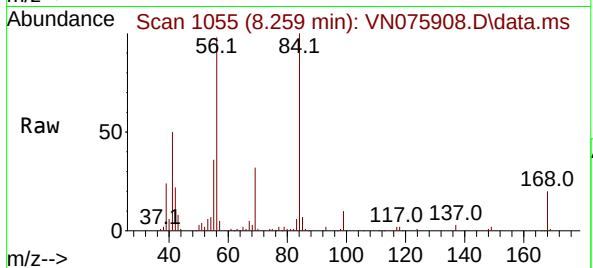
Ion	Ratio	Lower	Upper
56	100		
69	32.6	24.7	37.1
84	99.8	76.5	114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/22/2022



#32

1,1,1-Trichloroethane

Concen: 51.896 ug/l

RT: 8.171 min Scan# 1040

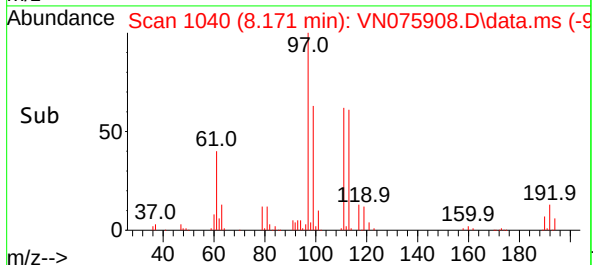
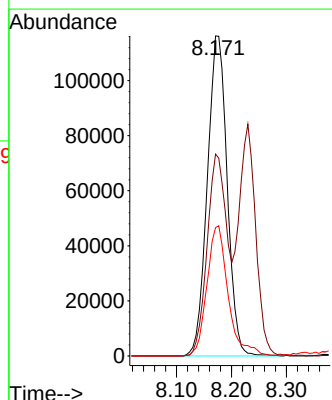
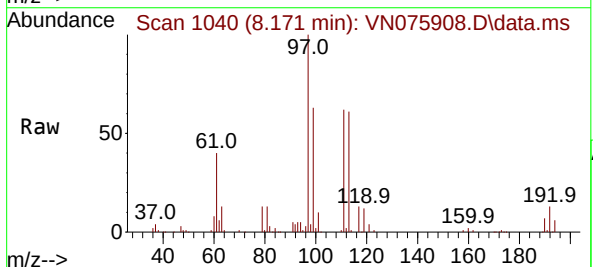
Delta R.T. 0.000 min

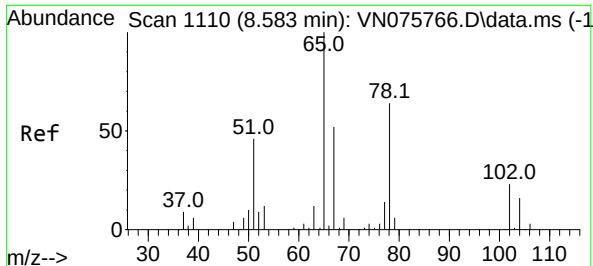
Lab File: VN075908.D

Acq: 21 Dec 2022 10:22

Tgt Ion: 97 Resp: 292068

Ion	Ratio	Lower	Upper
97	100		
99	63.0	50.2	75.2
61	43.4	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 49.850 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075908.D

Acq: 21 Dec 2022 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 182160

Ion Ratio Lower Upper

65 100

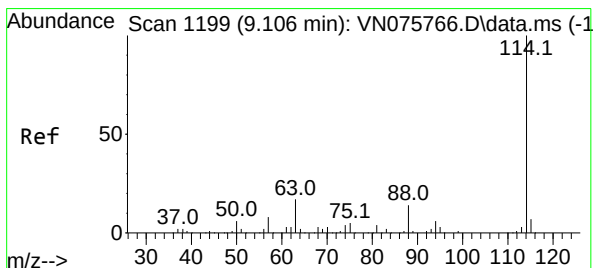
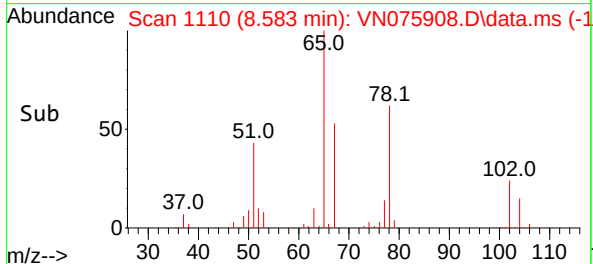
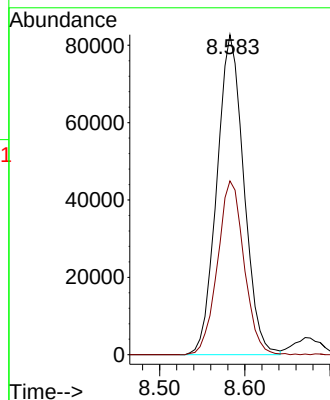
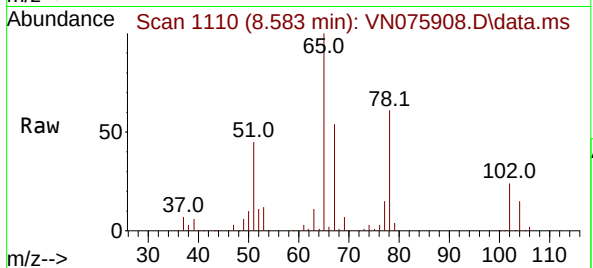
67 53.4 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/22/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075908.D

Acq: 21 Dec 2022 10:22

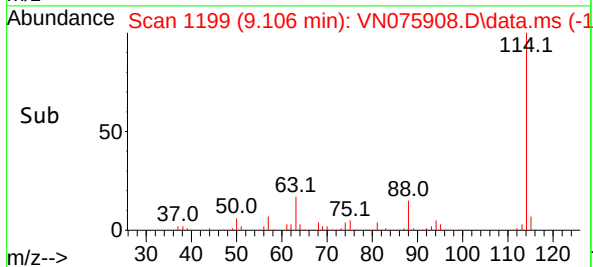
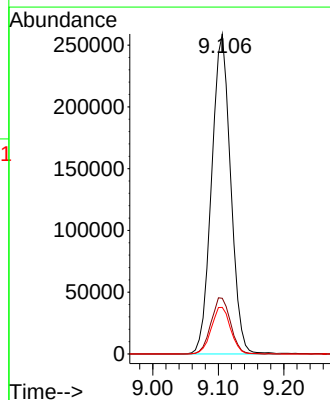
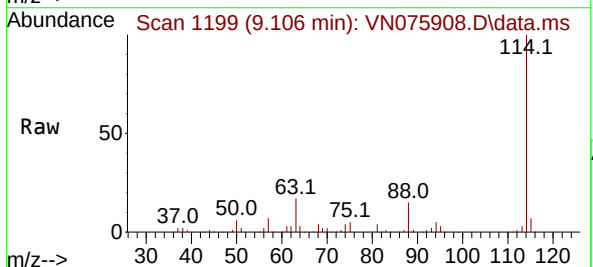
Tgt Ion:114 Resp: 521925

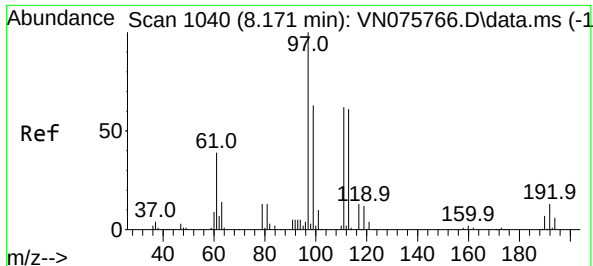
Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 14.6 0.0 28.8





#35

Dibromofluoromethane

Concen: 52.485 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075908.D

Acq: 21 Dec 2022 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 16964

Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.2

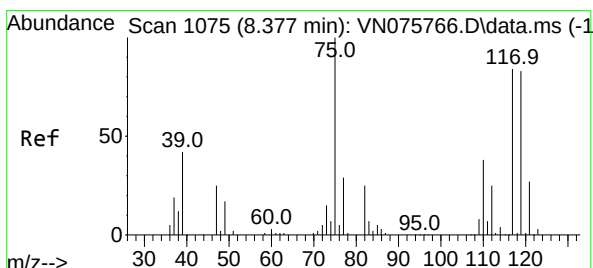
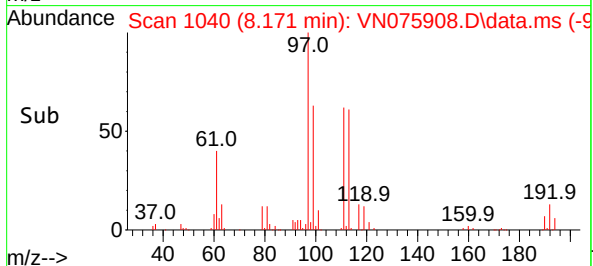
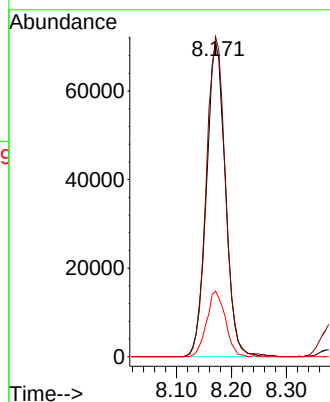
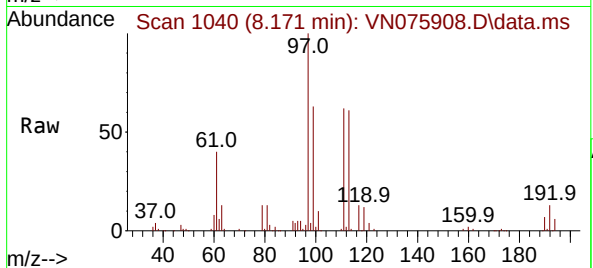
192 20.6 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/22/2022



#36

1,1-Dichloropropene

Concen: 52.663 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN075908.D

Acq: 21 Dec 2022 10:22

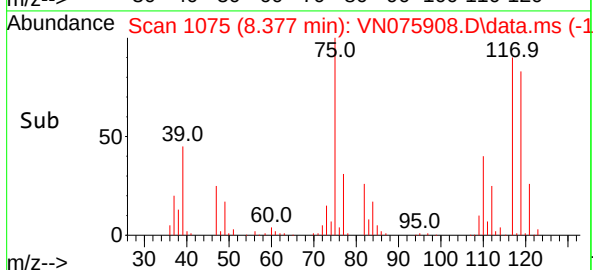
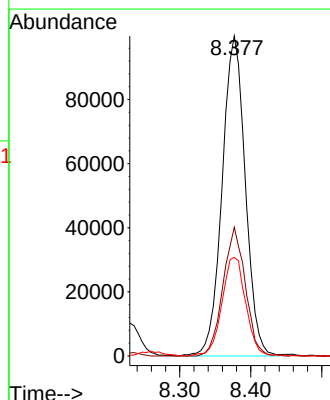
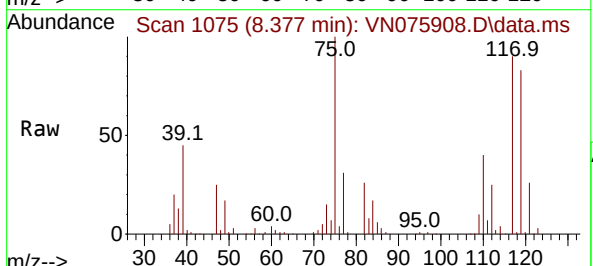
Tgt Ion: 75 Resp: 226118

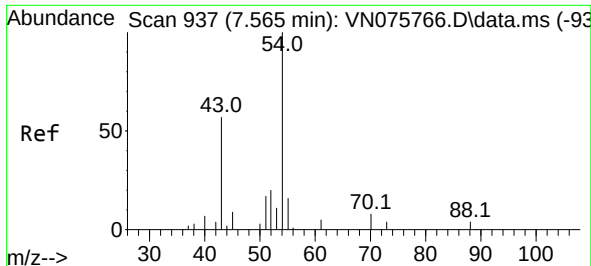
Ion Ratio Lower Upper

75 100

110 38.7 18.8 56.4

77 31.6 24.1 36.1





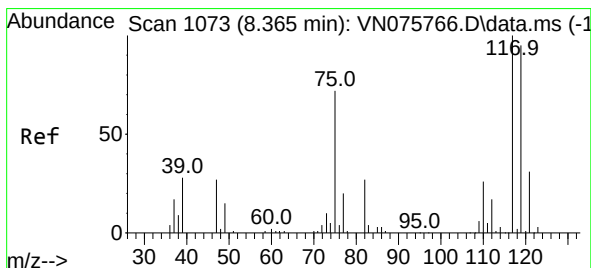
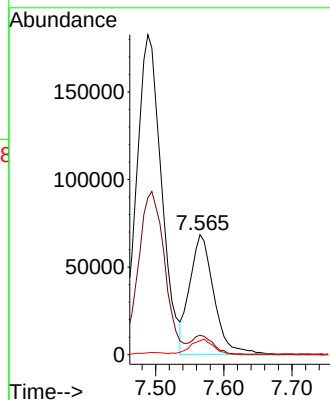
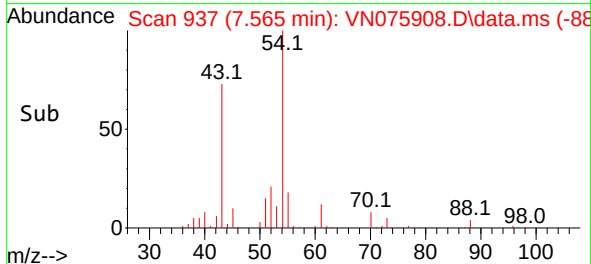
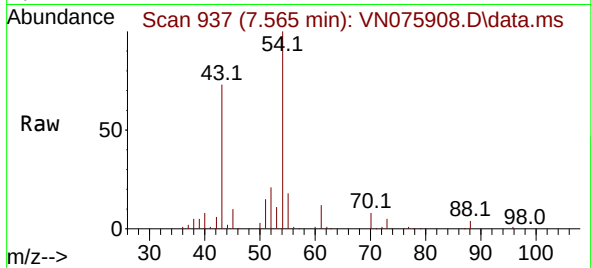
#37
Ethyl Acetate
Concen: 48.424 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 167009
Ion Ratio Lower Upper
43 100
61 13.8 13.0 19.4
70 12.6 9.4 14.0

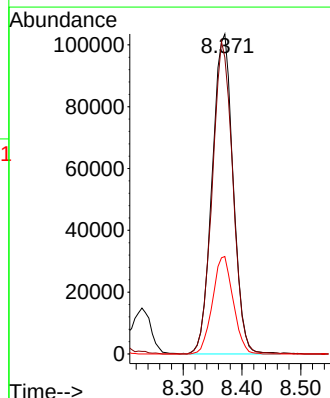
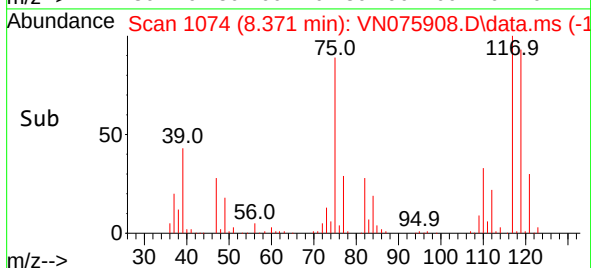
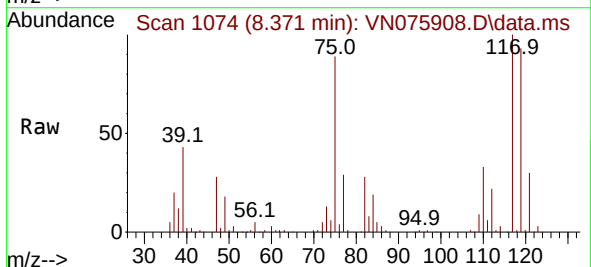
Manual Integrations
APPROVED

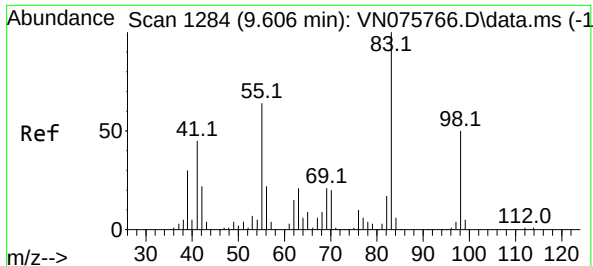
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#38
Carbon Tetrachloride
Concen: 53.312 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

Tgt Ion:117 Resp: 256194
Ion Ratio Lower Upper
117 100
119 92.6 76.1 114.1
121 30.4 24.5 36.7





#39

Methylcyclohexane

Concen: 56.751 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075908.D

Acq: 21 Dec 2022 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 293972

Ion Ratio Lower Upper

83 100

55 64.8 51.4 77.0

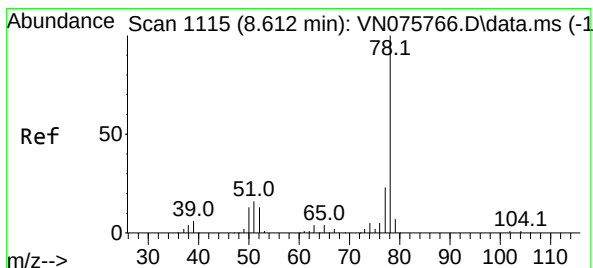
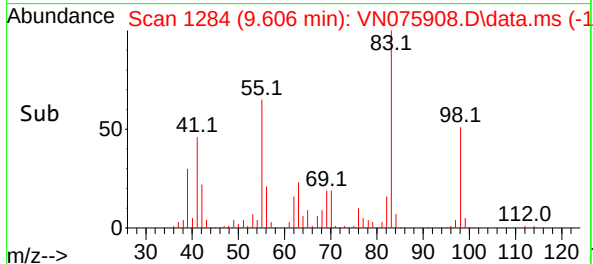
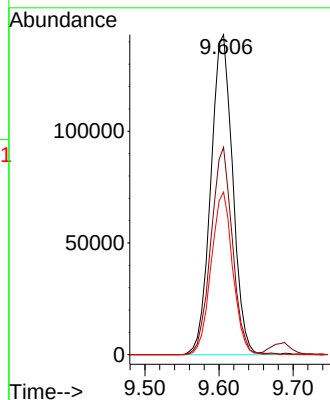
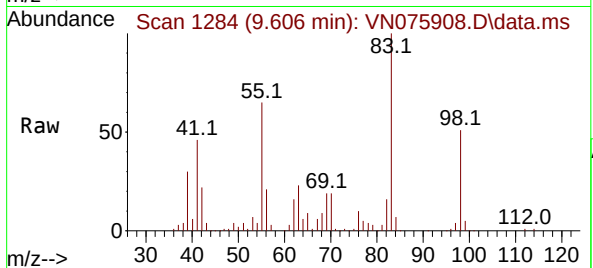
98 50.8 39.8 59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/22/2022



#40

Benzene

Concen: 51.489 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075908.D

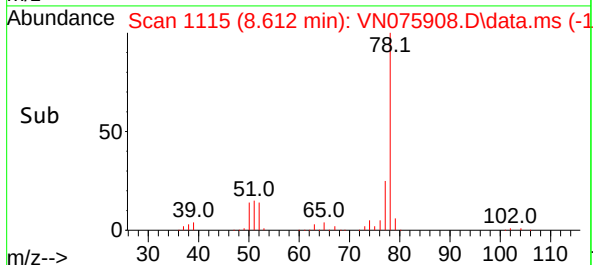
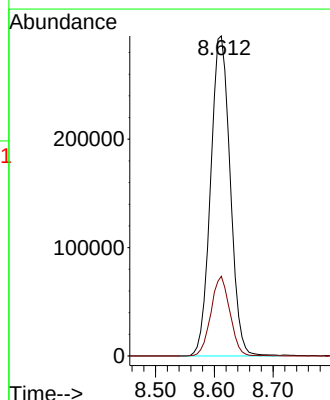
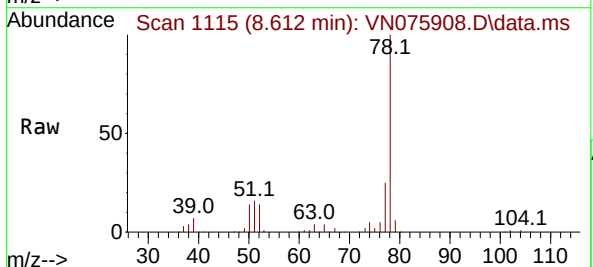
Acq: 21 Dec 2022 10:22

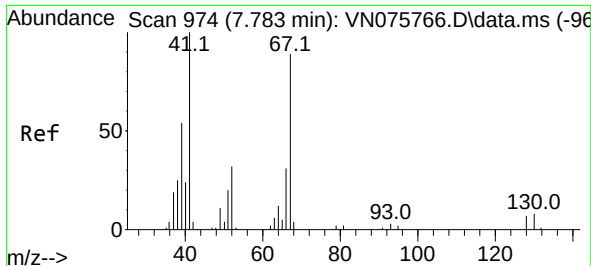
Tgt Ion: 78 Resp: 682095

Ion Ratio Lower Upper

78 100

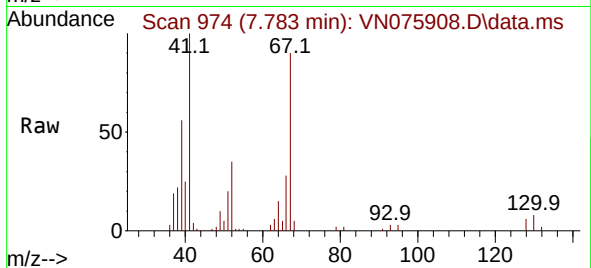
77 24.9 18.5 27.7





#41
Methacrylonitrile
Concen: 52.801 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

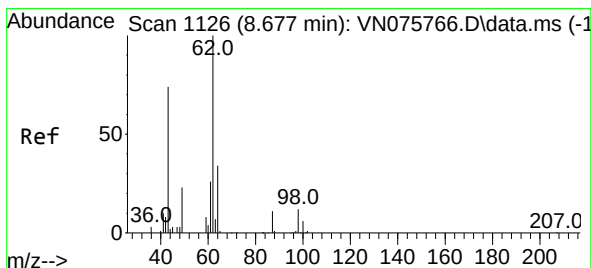
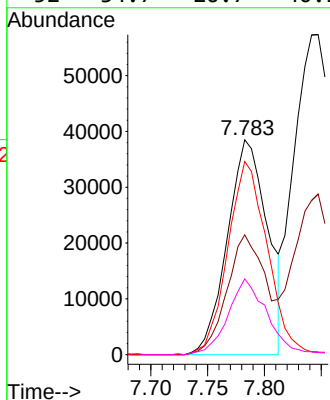
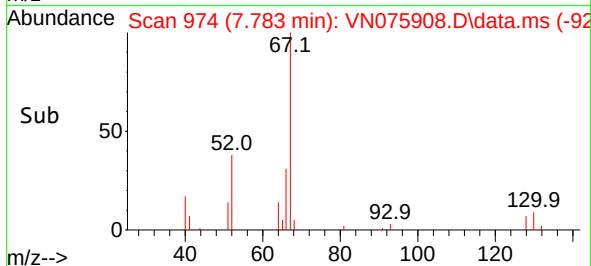
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



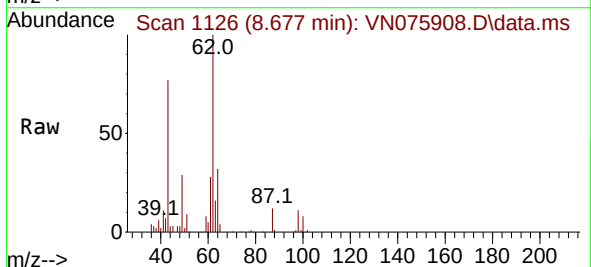
Tgt Ion: 41 Resp: 9465
Ion Ratio Lower Upper
41 100
39 51.5 43.1 64.7
67 89.0 70.7 106.1
52 34.7 26.7 40.1

Manual Integrations
APPROVED

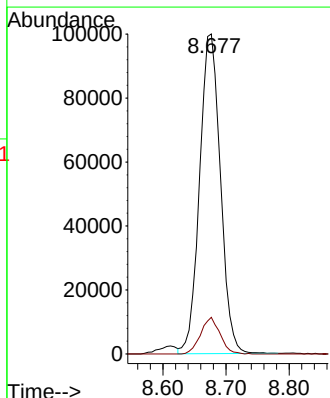
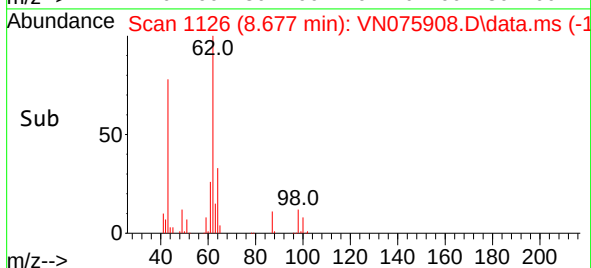
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

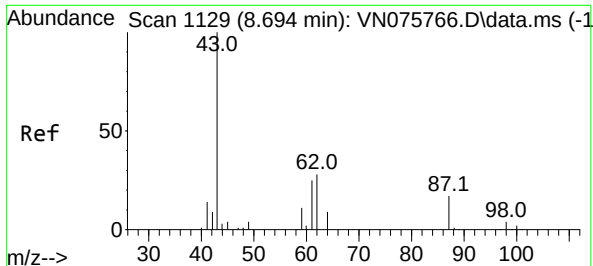


#42
1,2-Dichloroethane
Concen: 52.019 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22



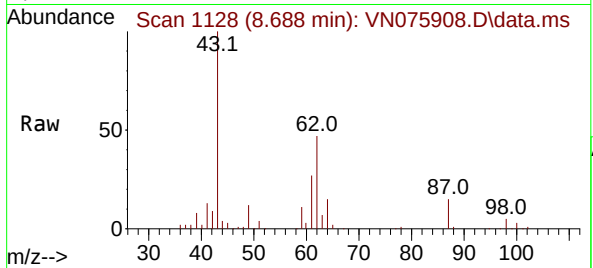
Tgt Ion: 62 Resp: 229103
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.8





#43
Isopropyl Acetate
Concen: 53.506 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

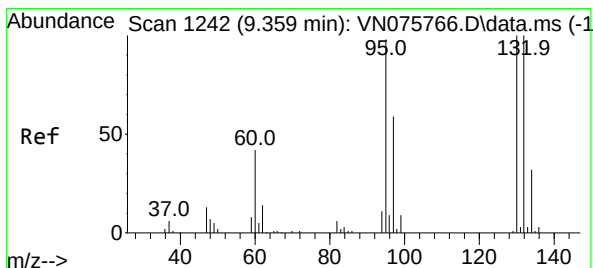
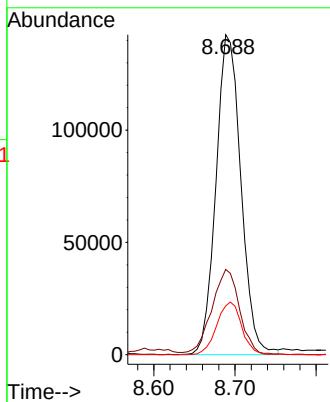
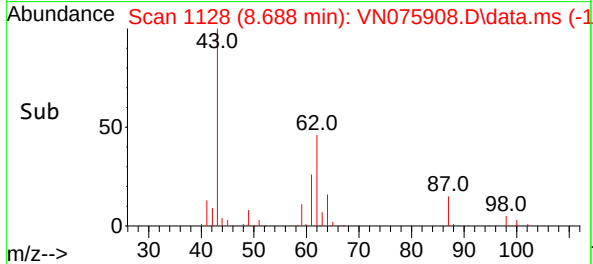
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



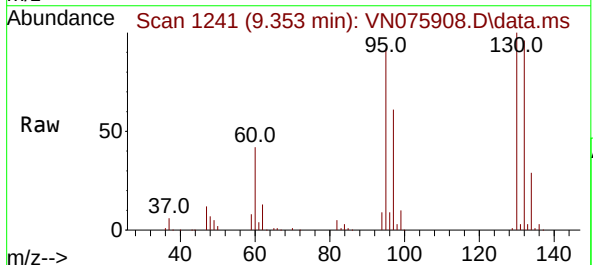
Tgt Ion: 43 Resp: 30440
Ion Ratio Lower Upper
43 100
61 29.8 24.2 36.4
87 16.3 13.3 19.9

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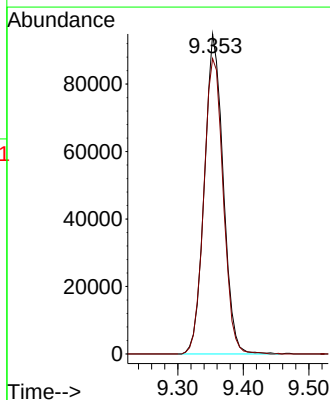
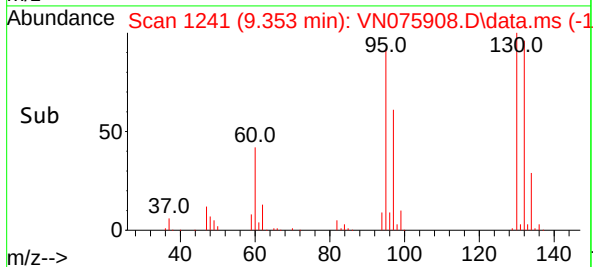
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

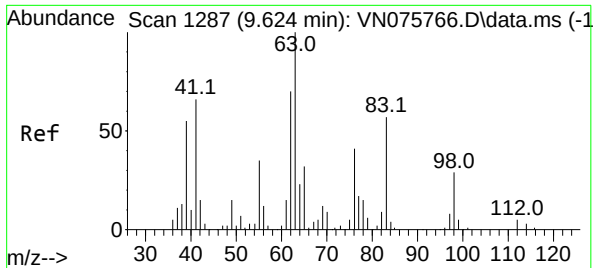


#44
Trichloroethene
Concen: 50.598 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22



Tgt Ion:130 Resp: 188834
Ion Ratio Lower Upper
130 100
95 92.3 0.0 195.4





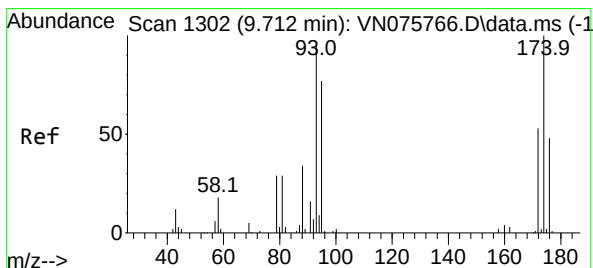
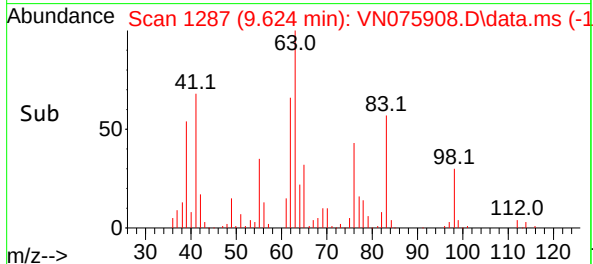
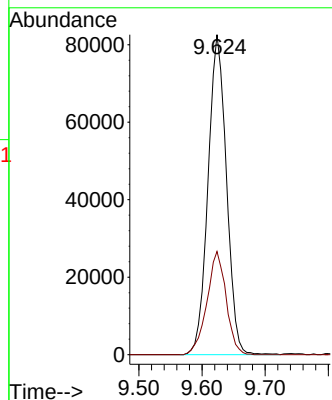
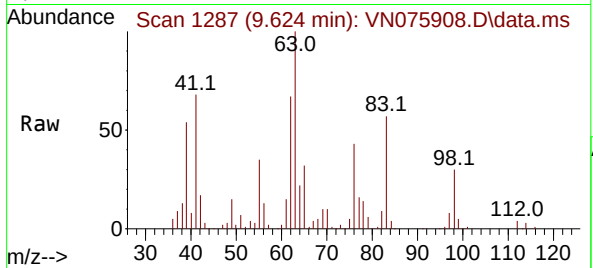
#45
1,2-Dichloropropane
Concen: 51.935 ug/l
RT: 9.624 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 16742
Ion Ratio Lower Upper
63 100
65 32.2 25.7 38.5

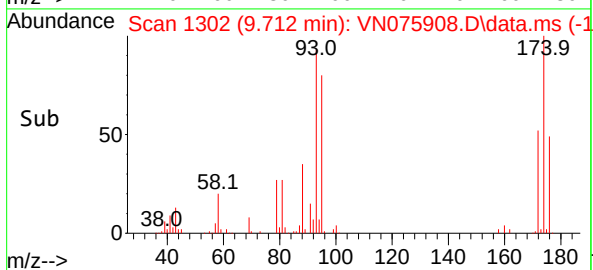
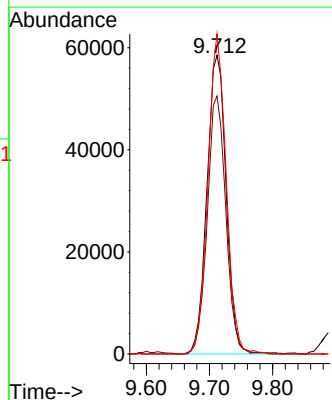
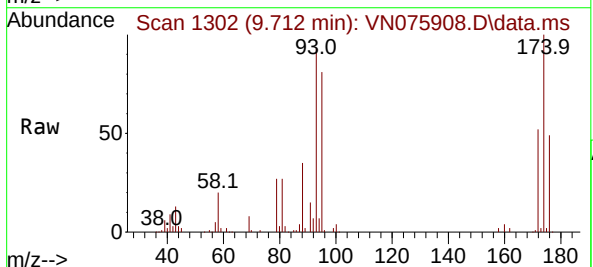
Manual Integrations
APPROVED

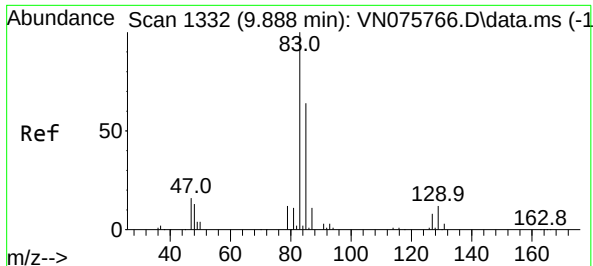
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#46
Dibromomethane
Concen: 51.767 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

Tgt Ion: 93 Resp: 123776
Ion Ratio Lower Upper
93 100
95 83.5 65.2 97.8
174 101.8 82.4 123.6





#47

Bromodichloromethane

Concen: 53.370 ug/l

RT: 9.888 min Scan# 1332

Delta R.T. 0.000 min

Lab File: VN075908.D

Acq: 21 Dec 2022 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 25024

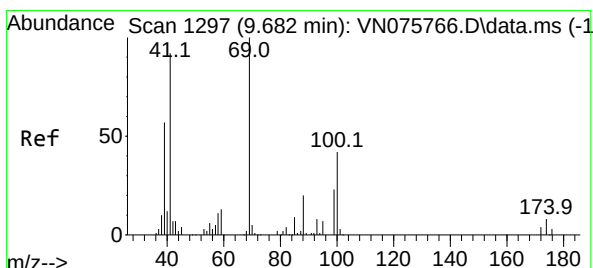
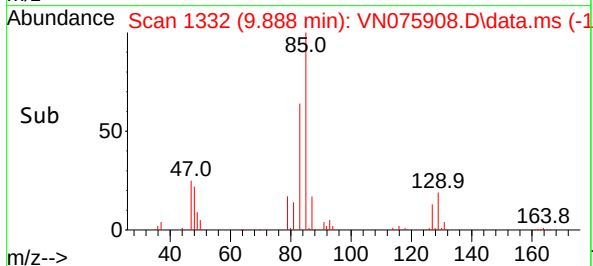
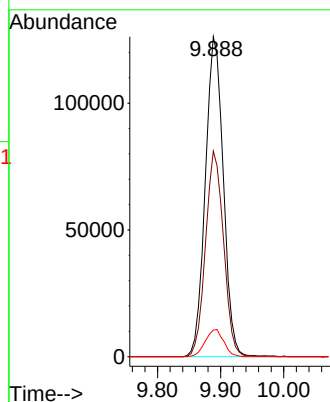
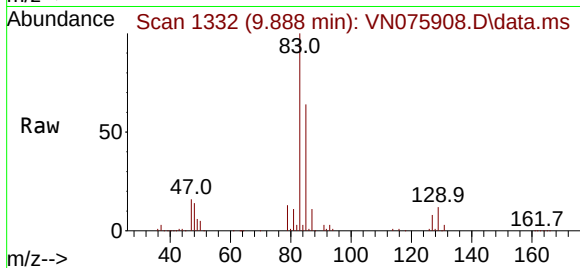
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.5	77.3
127	8.3	6.6	10.0

Manual Integrations

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Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/22/2022



#48

Methyl methacrylate

Concen: 53.901 ug/l

RT: 9.682 min Scan# 1297

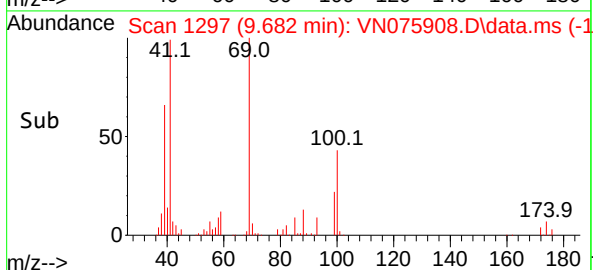
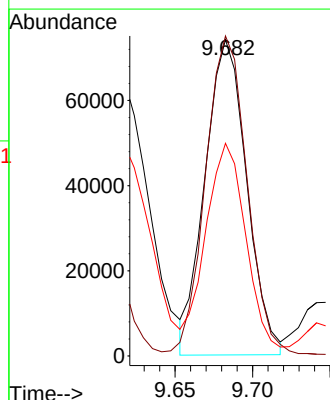
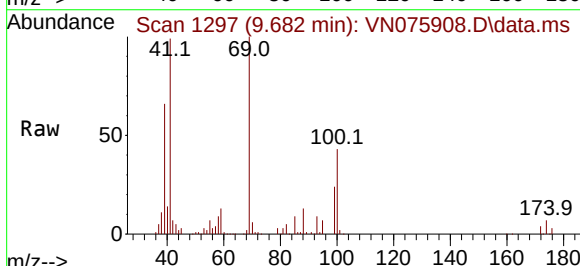
Delta R.T. 0.000 min

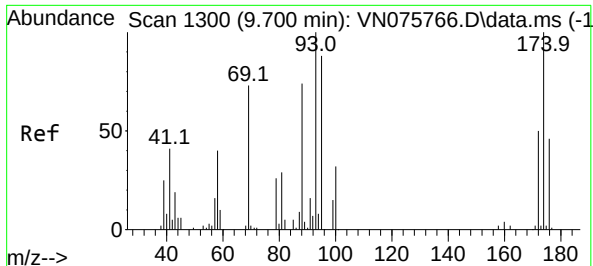
Lab File: VN075908.D

Acq: 21 Dec 2022 10:22

Tgt Ion: 41 Resp: 138113

Ion	Ratio	Lower	Upper
41	100		
69	101.9	81.9	122.9
39	66.5	51.6	77.4





#49

1,4-Dioxane

Concen: 940.475 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075908.D

Acq: 21 Dec 2022 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 59244

Ion Ratio Lower Upper

88 100

43 0.0 17.1 25.7

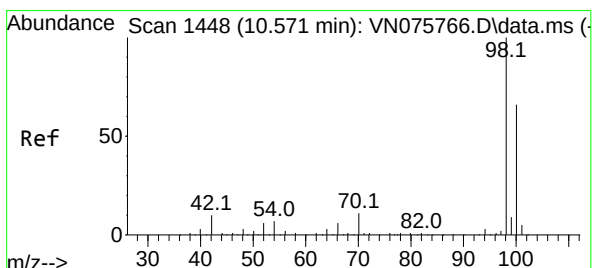
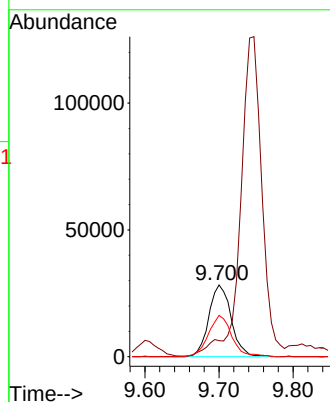
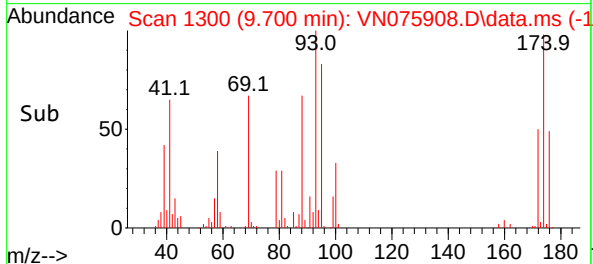
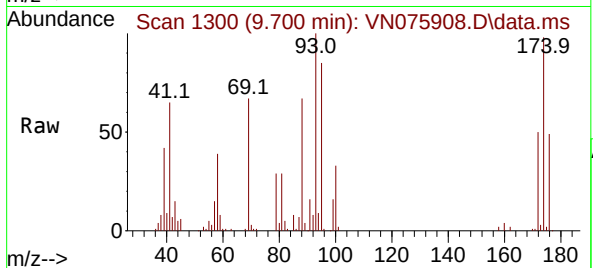
58 60.0 47.8 71.8

Manual Integrations

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Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/22/2022



#50

Toluene-d8

Concen: 52.260 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075908.D

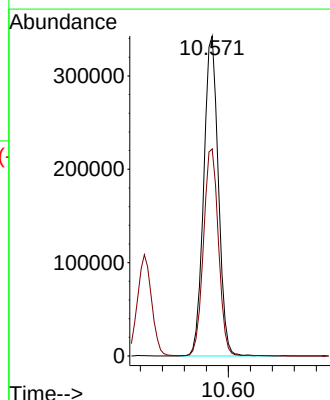
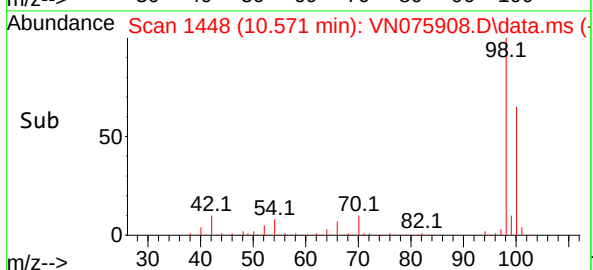
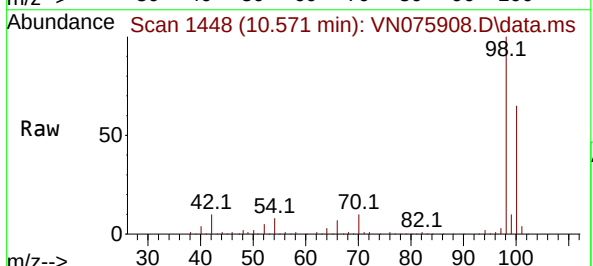
Acq: 21 Dec 2022 10:22

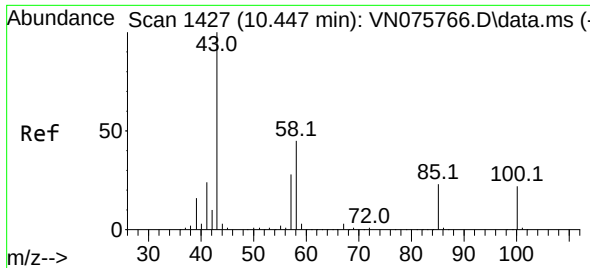
Tgt Ion: 98 Resp: 631552

Ion Ratio Lower Upper

98 100

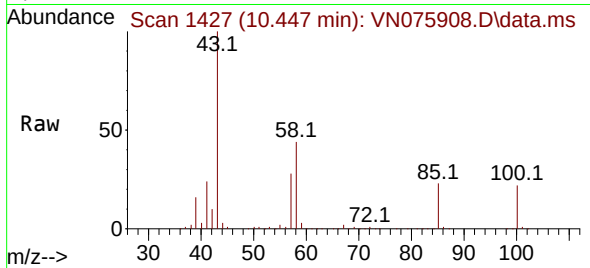
100 66.0 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 260.784 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

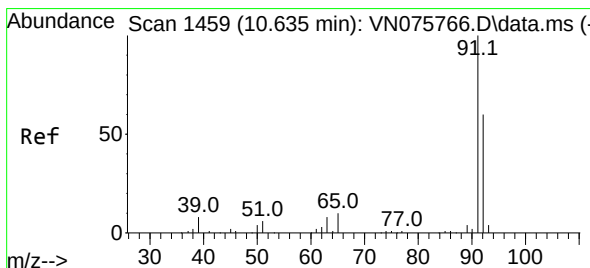
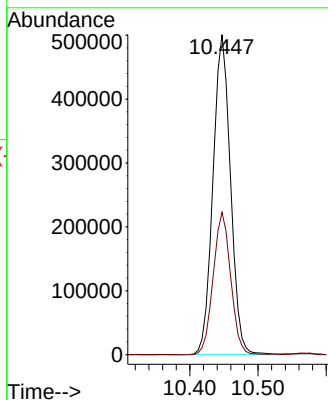
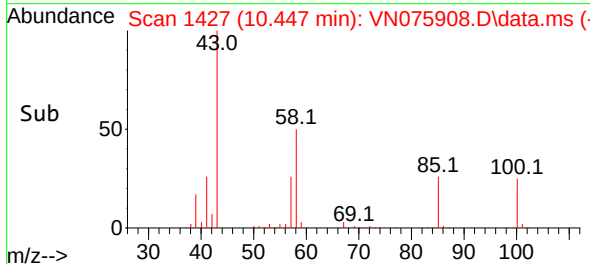
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 897244
Ion Ratio Lower Upper
43 100
58 44.4 35.5 53.3

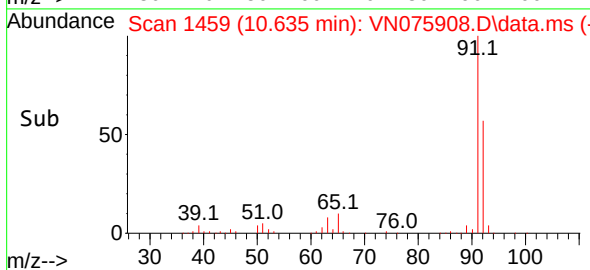
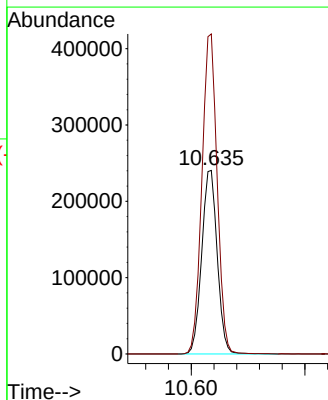
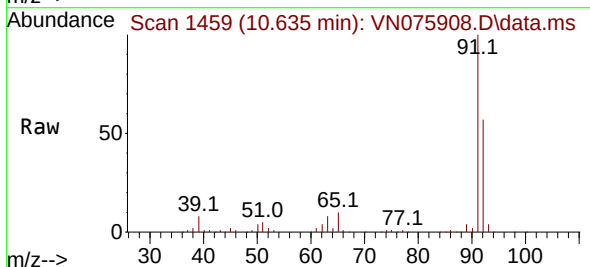
Manual Integrations
APPROVED

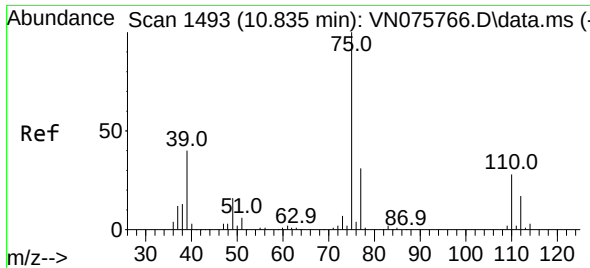
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#52
Toluene
Concen: 52.664 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

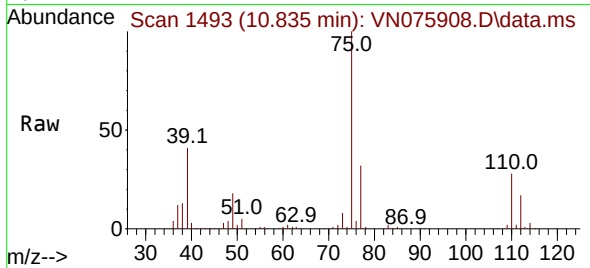
Tgt Ion: 92 Resp: 454367
Ion Ratio Lower Upper
92 100
91 171.6 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 55.811 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

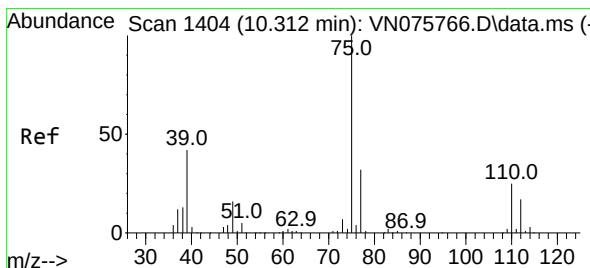
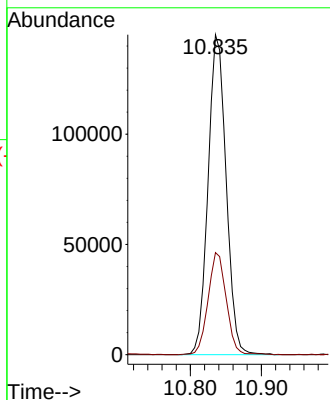
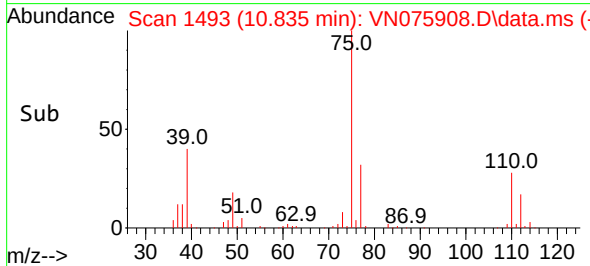
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



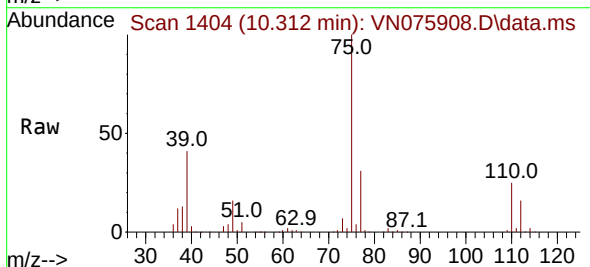
Tgt Ion: 75 Resp: 256160
Ion Ratio Lower Upper
75 100
77 31.9 24.9 37.3

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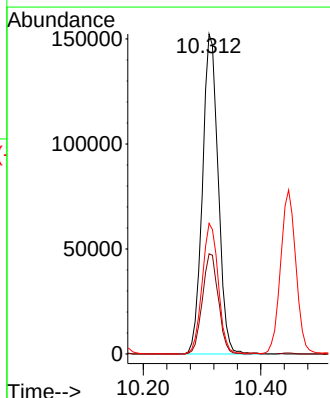
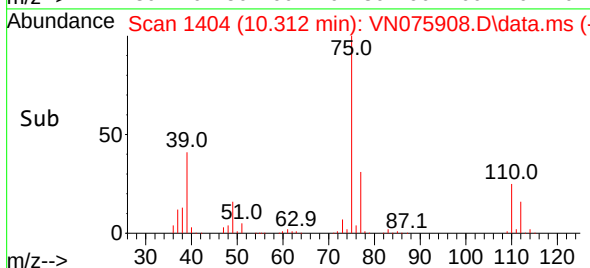
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

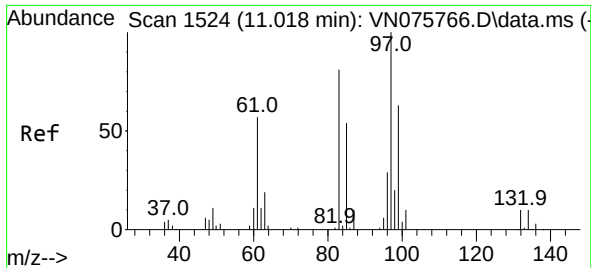


#54
cis-1,3-Dichloropropene
Concen: 56.103 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22



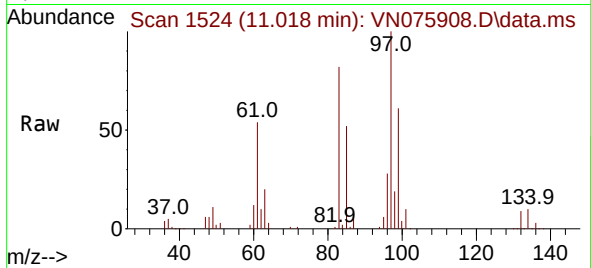
Tgt Ion: 75 Resp: 282729
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.8
39 40.8 33.4 50.2





#55
 1,1,2-Trichloroethane
 Concen: 52.481 ug/l
 RT: 11.018 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VN075908.D
 Acq: 21 Dec 2022 10:22

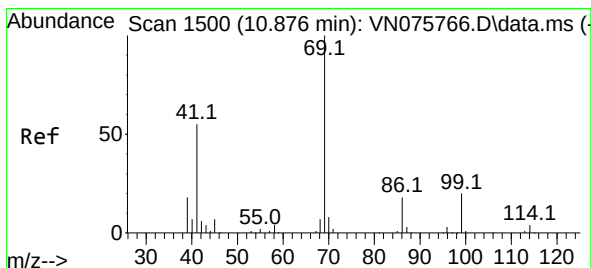
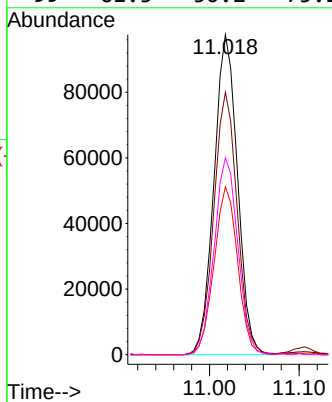
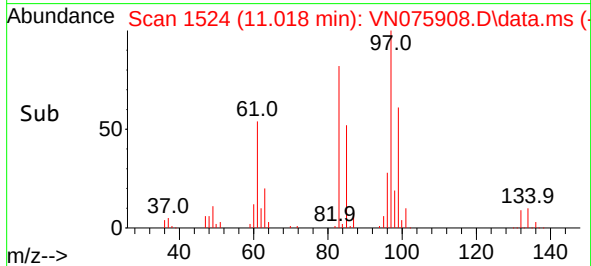
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



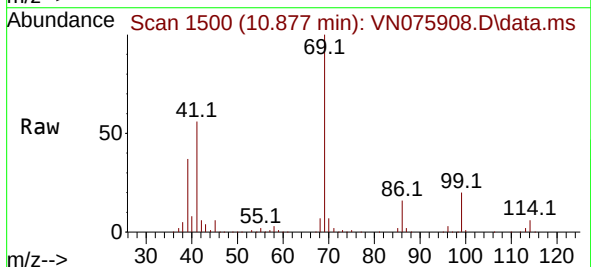
Tgt Ion: 97 Resp: 17772
 Ion Ratio Lower Upper
 97 100
 83 82.0 65.0 97.4
 85 52.4 43.0 64.6
 99 61.5 50.2 75.2

Manual Integrations
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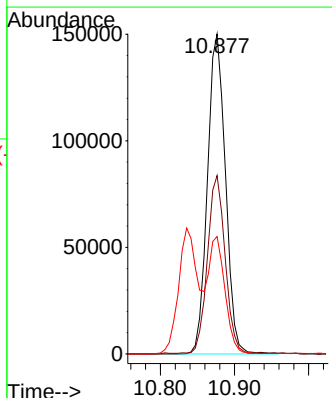
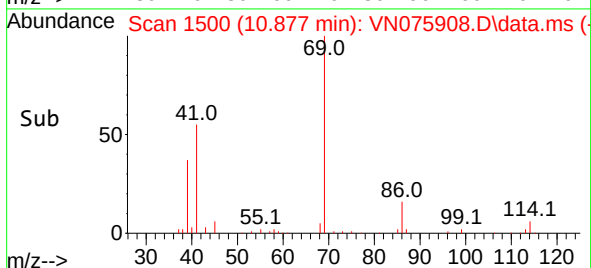
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/22/2022

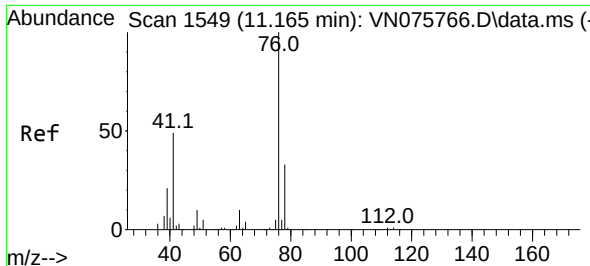


#56
 Ethyl methacrylate
 Concen: 56.268 ug/l
 RT: 10.877 min Scan# 1500
 Delta R.T. 0.000 min
 Lab File: VN075908.D
 Acq: 21 Dec 2022 10:22



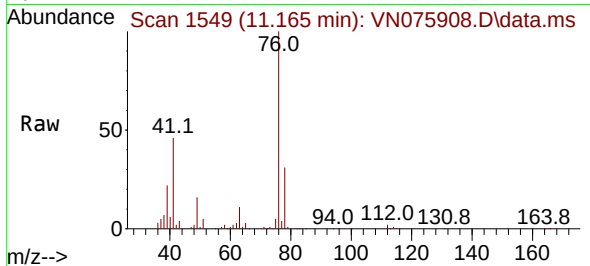
Tgt Ion: 69 Resp: 253097
 Ion Ratio Lower Upper
 69 100
 41 54.4 44.2 66.4
 39 33.0 26.4 39.6





#57
1,3-Dichloropropane
Concen: 51.612 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

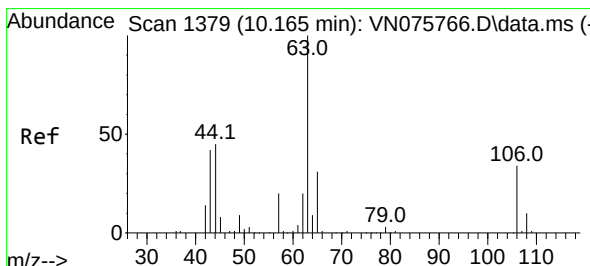
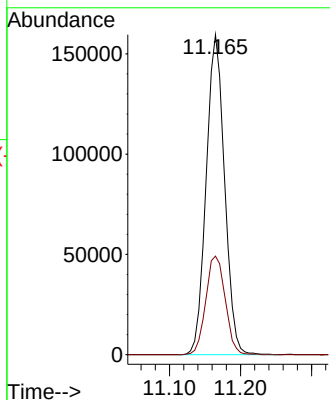
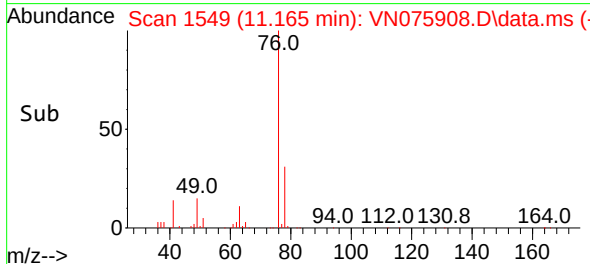
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



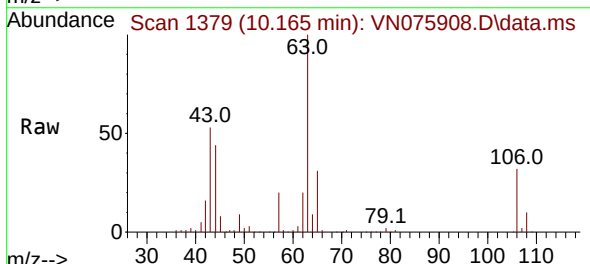
Tgt Ion: 76 Resp: 286692
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.2

Manual Integrations
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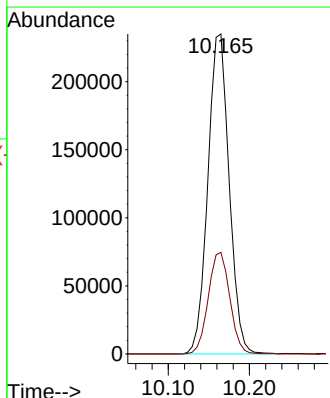
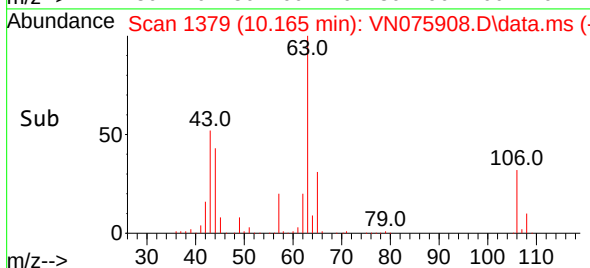
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

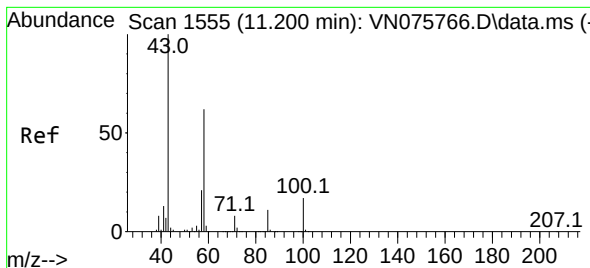


#58
2-Chloroethyl Vinyl ether
Concen: 298.982 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22



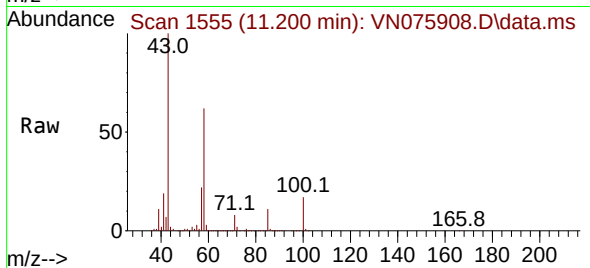
Tgt Ion: 63 Resp: 428175
Ion Ratio Lower Upper
63 100
106 32.1 26.4 39.6





#59
2-Hexanone
Concen: 270.314 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

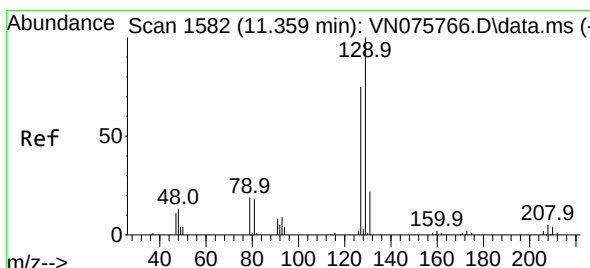
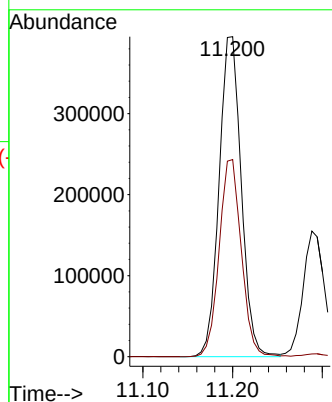
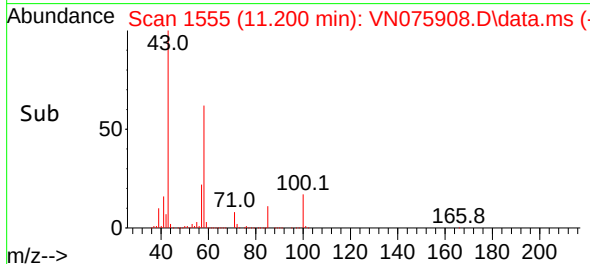
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 67824
Ion Ratio Lower Upper
43 100
58 61.6 30.6 92.0

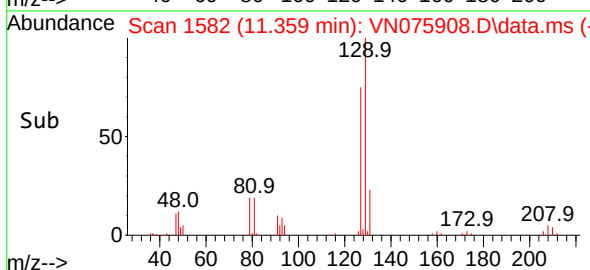
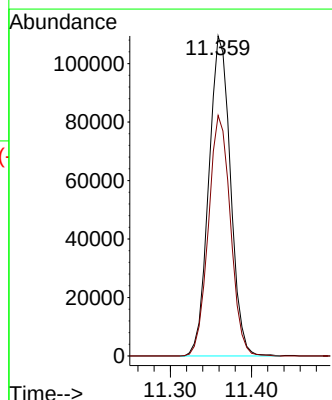
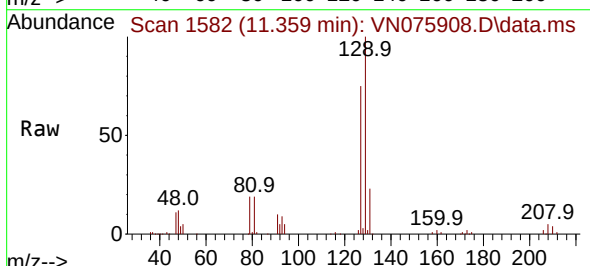
Manual Integrations
APPROVED

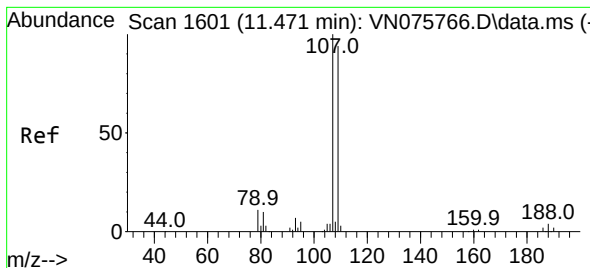
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#60
Dibromochloromethane
Concen: 53.950 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

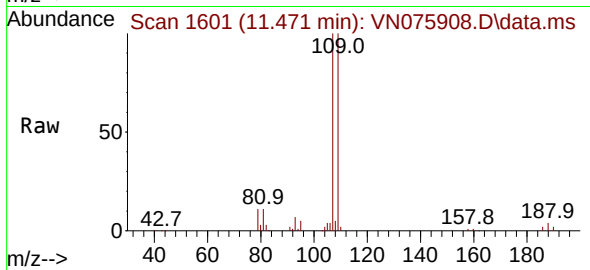
Tgt Ion:129 Resp: 203176
Ion Ratio Lower Upper
129 100
127 76.2 38.3 114.9





#61
1,2-Dibromoethane
Concen: 51.543 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

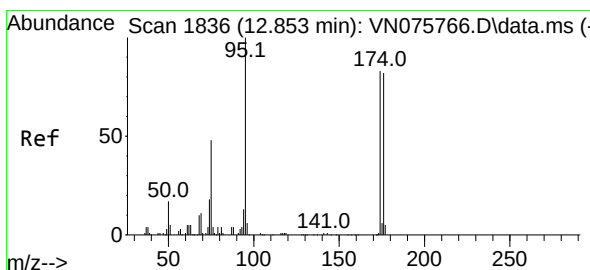
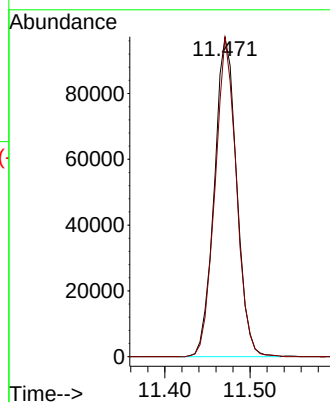
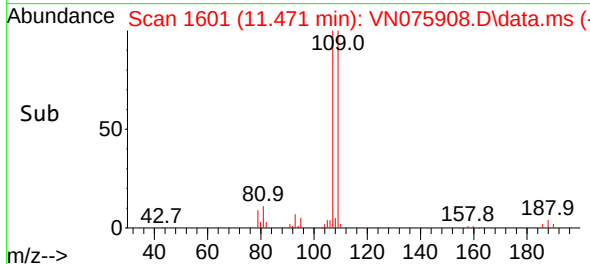
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



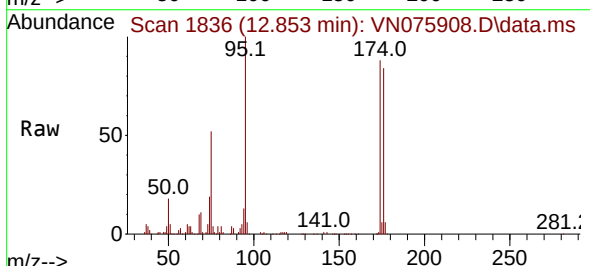
Tgt Ion:107 Resp: 176630
Ion Ratio Lower Upper
107 100
109 95.6 74.8 112.2

Manual Integrations
APPROVED

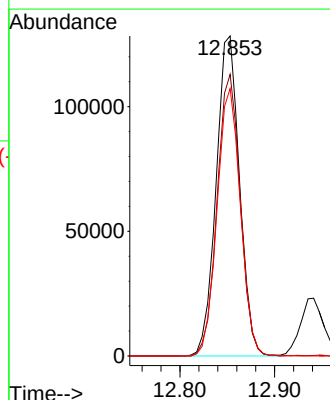
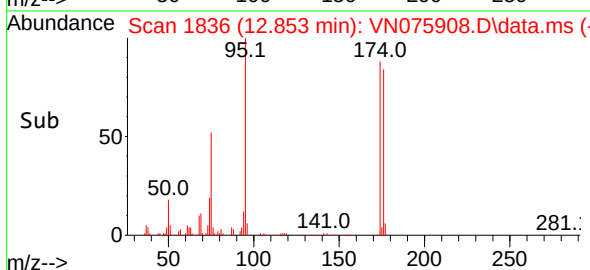
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

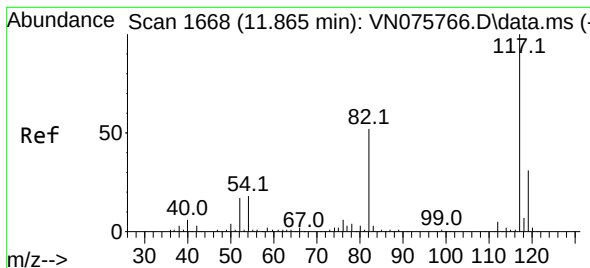


#62
4-Bromofluorobenzene
Concen: 55.061 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22



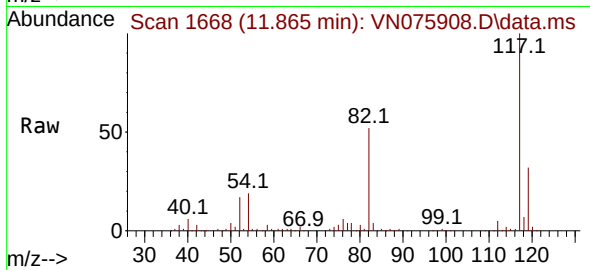
Tgt Ion: 95 Resp: 220391
Ion Ratio Lower Upper
95 100
174 86.8 0.0 171.6
176 83.1 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

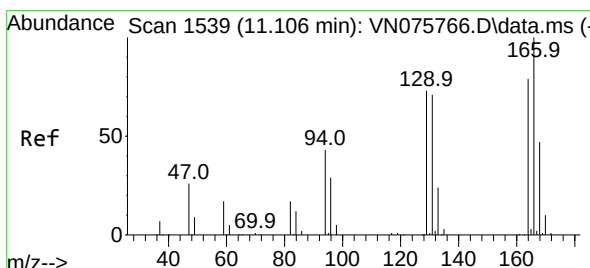
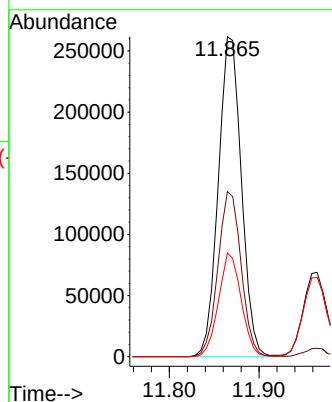
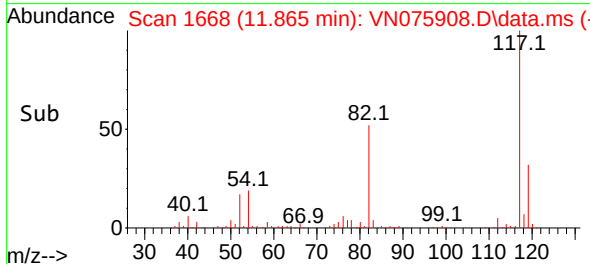
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



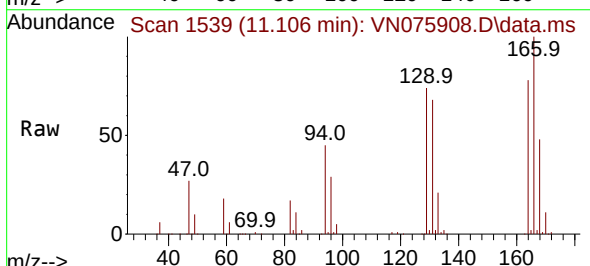
Tgt Ion:117 Resp: 467830
Ion Ratio Lower Upper
117 100
82 51.6 41.3 61.9
119 32.4 24.6 37.0

Manual Integrations
APPROVED

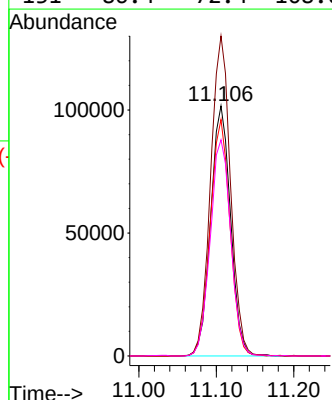
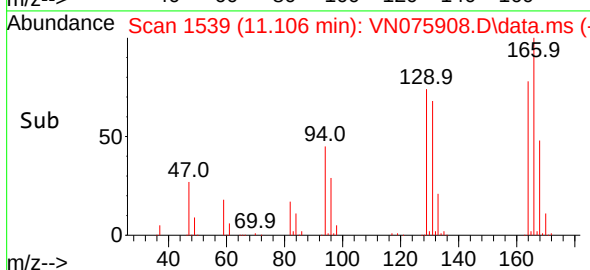
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

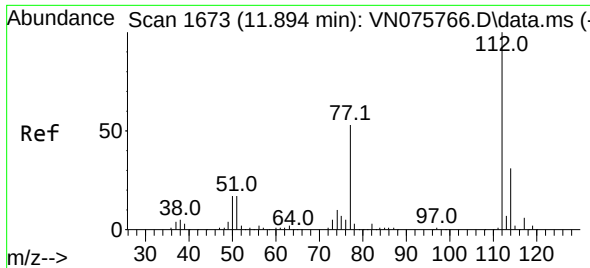


#64
Tetrachloroethene
Concen: 55.243 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22



Tgt Ion:164 Resp: 181862
Ion Ratio Lower Upper
164 100
166 128.0 101.9 152.9
129 94.6 74.2 111.2
131 86.4 72.4 108.6





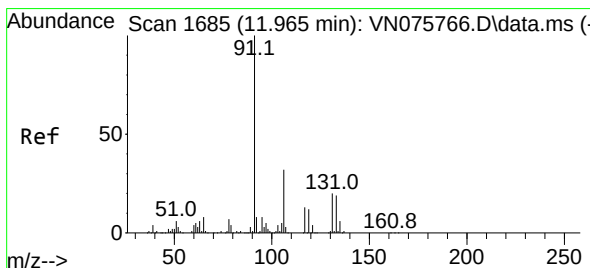
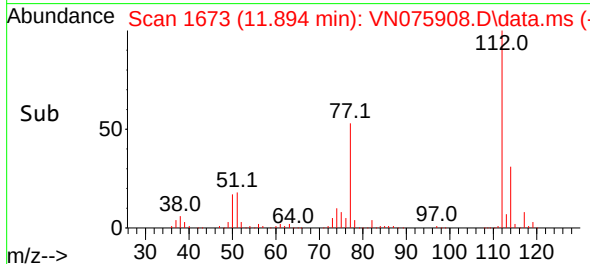
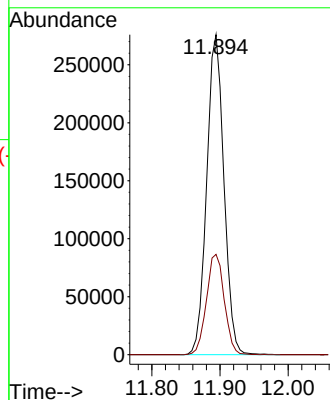
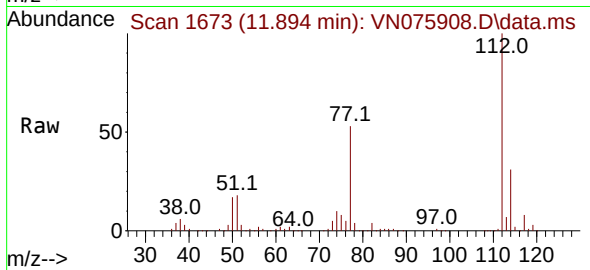
#65
Chlorobenzene
Concen: 50.532 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 48522
Ion Ratio Lower Upper
112 100
114 31.3 24.7 37.1

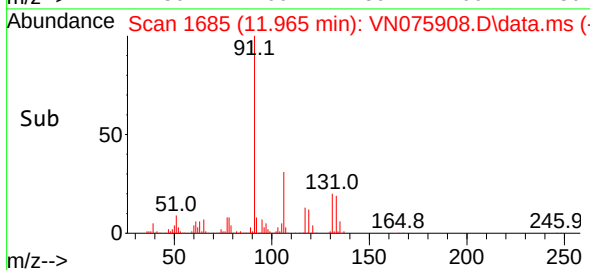
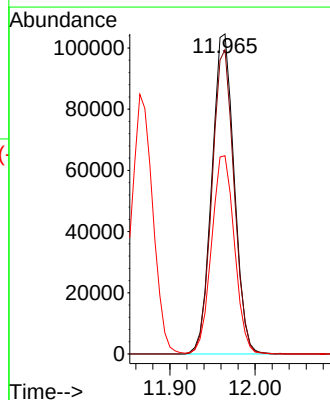
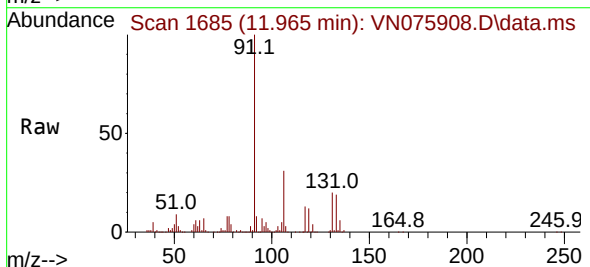
Manual Integrations
APPROVED

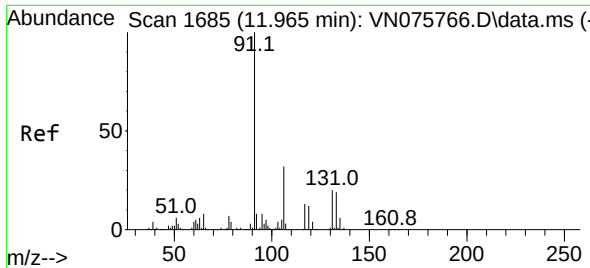
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 53.409 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

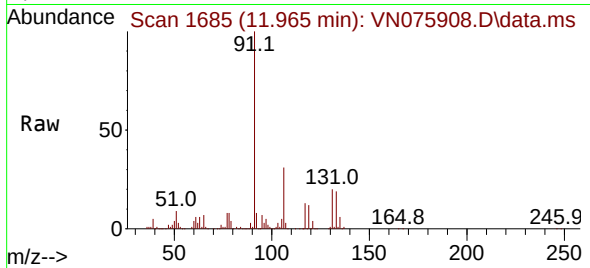
Tgt Ion:131 Resp: 189957
Ion Ratio Lower Upper
131 100
133 94.1 47.5 142.5
119 63.7 31.9 95.7





#67
Ethyl Benzene
Concen: 54.435 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

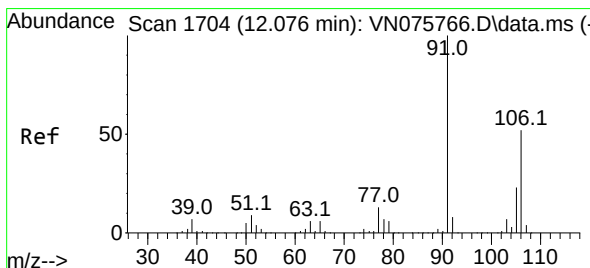
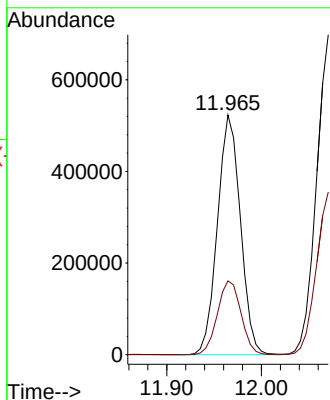
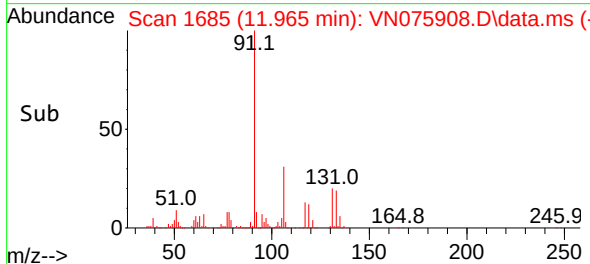
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



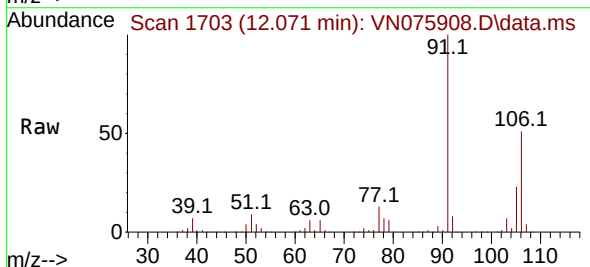
Tgt Ion: 91 Resp: 882185
Ion Ratio Lower Upper
91 100
106 30.8 25.7 38.5

Manual Integrations
APPROVED

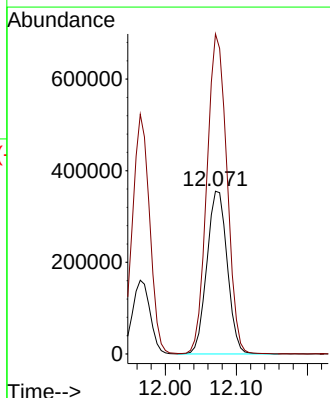
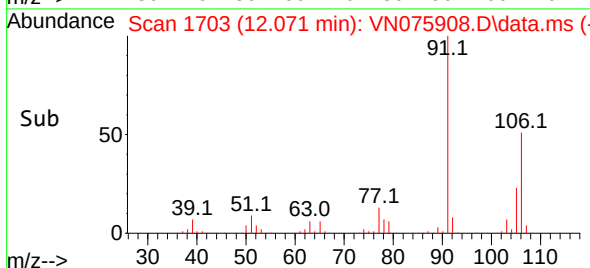
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

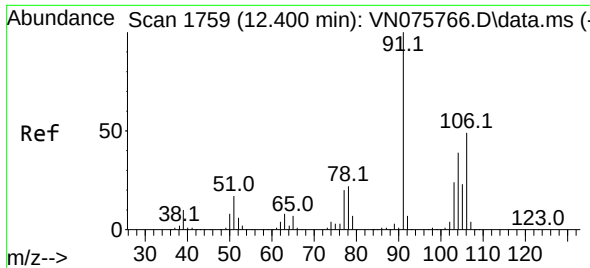


#68
m/p-Xylenes
Concen: 110.309 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22



Tgt Ion:106 Resp: 707565
Ion Ratio Lower Upper
106 100
91 193.1 156.6 235.0





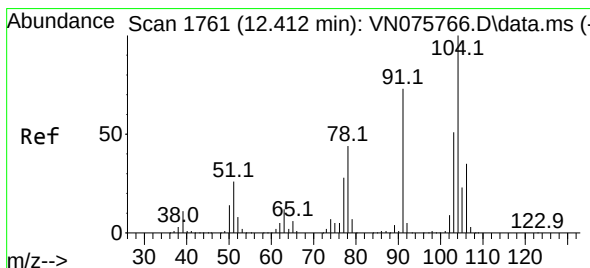
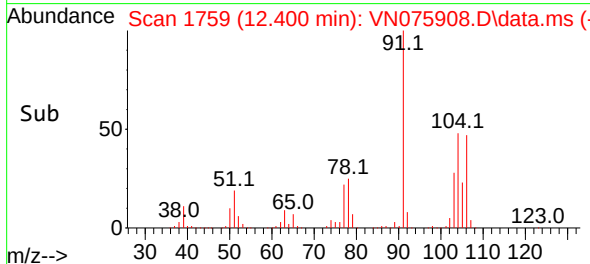
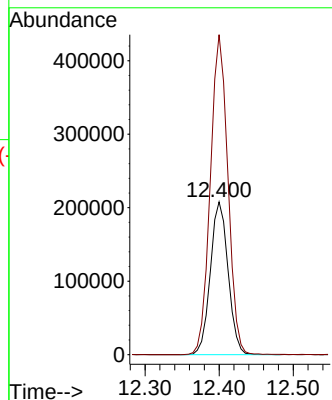
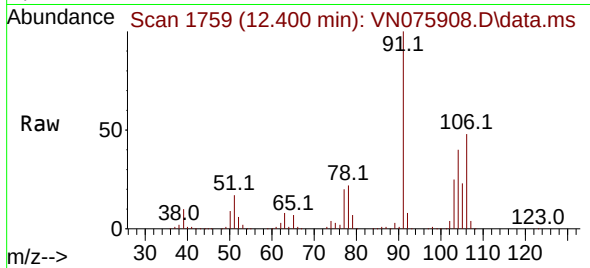
#69
o-Xylene
Concen: 54.414 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 345400
Ion Ratio Lower Upper
106 100
91 207.6 103.8 311.6

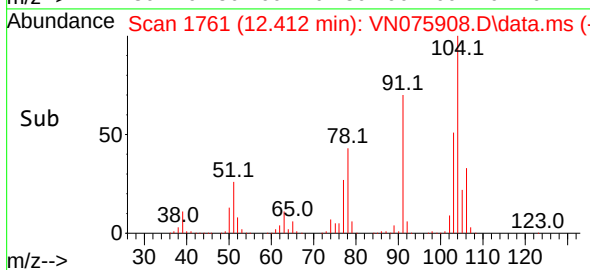
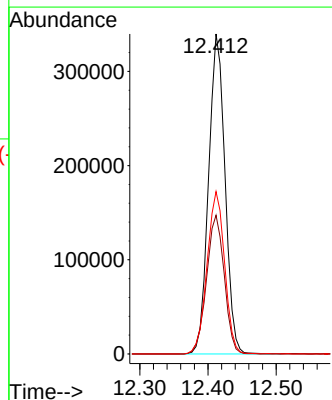
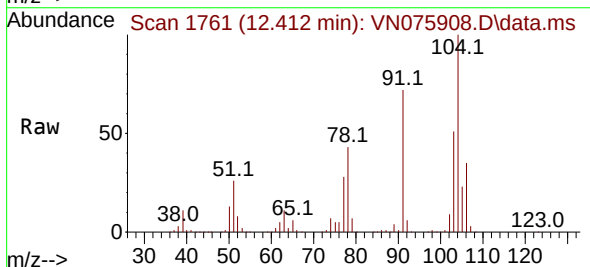
Manual Integrations
APPROVED

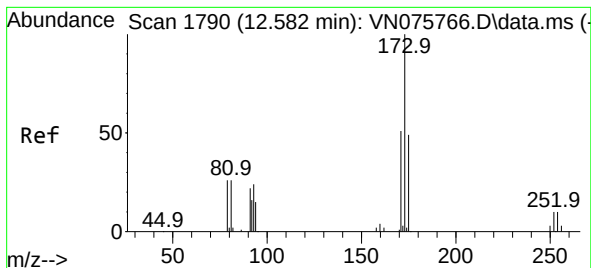
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#70
Styrene
Concen: 56.435 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

Tgt Ion:104 Resp: 569592
Ion Ratio Lower Upper
104 100
78 46.7 37.5 56.3
103 54.3 43.5 65.3





#71

Bromoform

Concen: 54.939 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN075908.D

Acq: 21 Dec 2022 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 14218

Ion Ratio Lower Upper

173 100

175 49.1 24.3 72.8

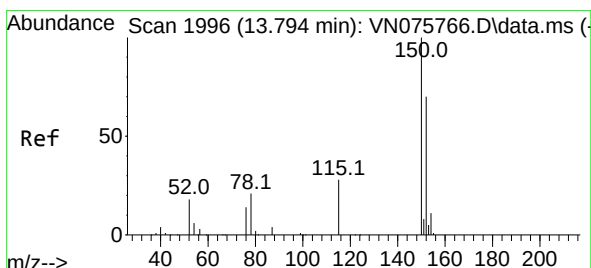
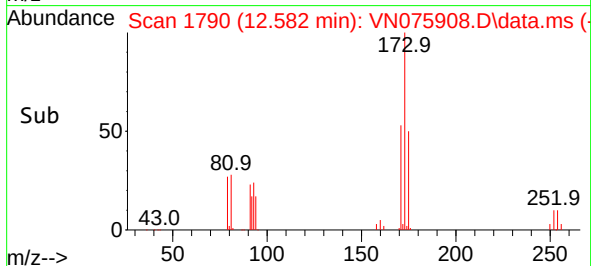
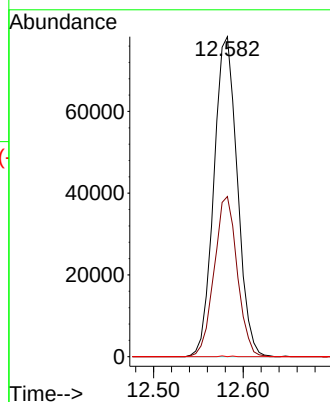
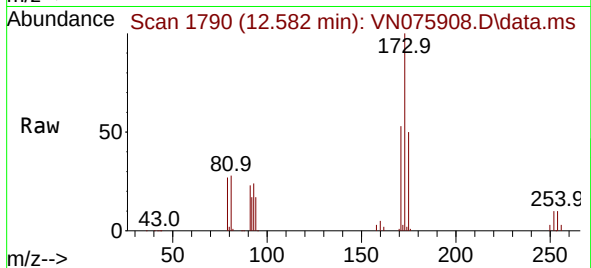
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/22/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN075908.D

Acq: 21 Dec 2022 10:22

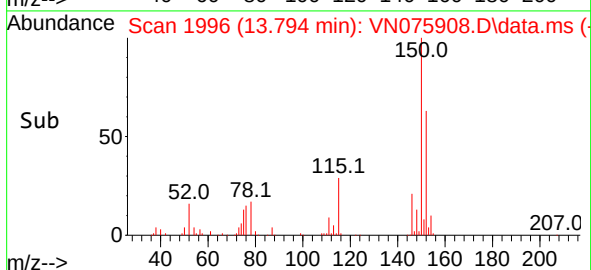
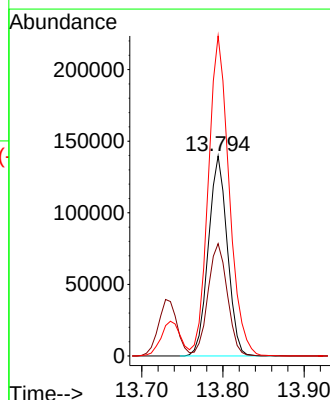
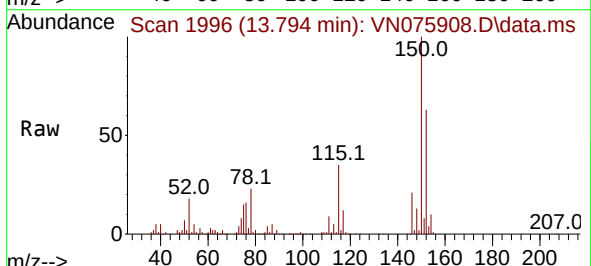
Tgt Ion:152 Resp: 226351

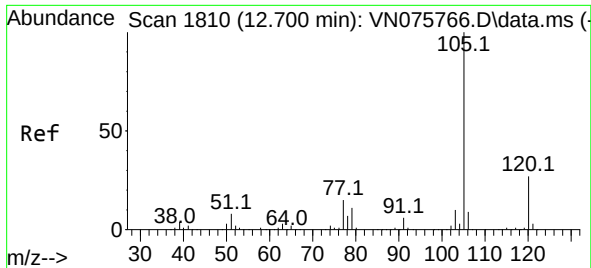
Ion Ratio Lower Upper

152 100

115 57.3 29.1 87.4

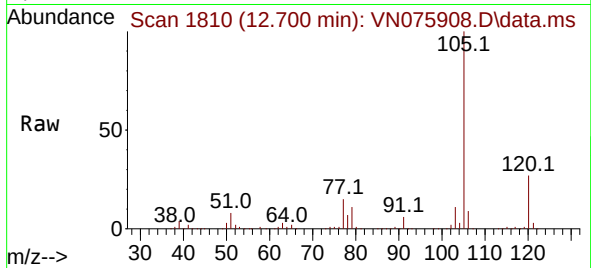
150 175.8 0.0 347.0





#73
Isopropylbenzene
Concen: 55.480 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

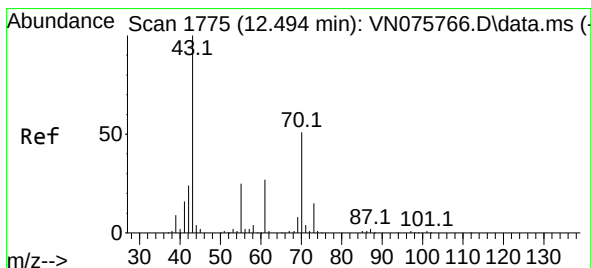
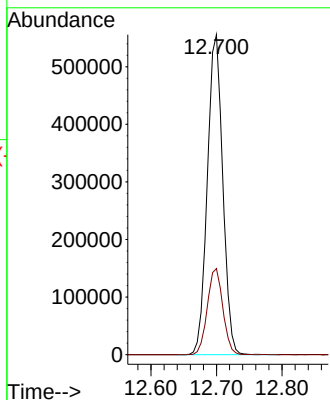
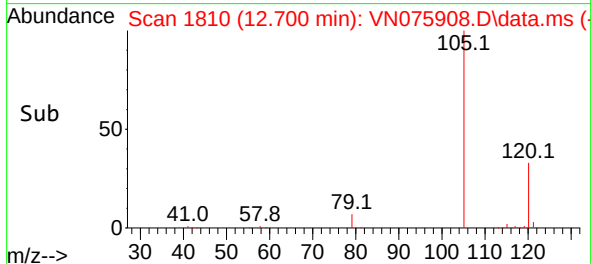
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



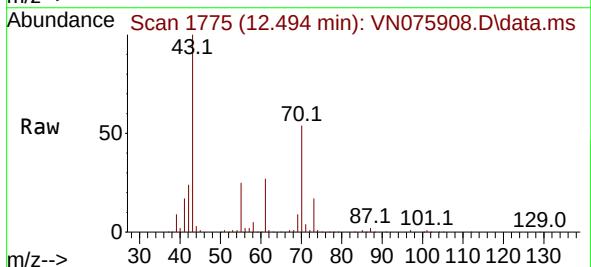
Tgt Ion:105 Resp: 907485
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2

Manual Integrations
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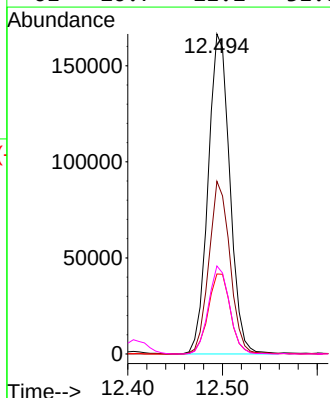
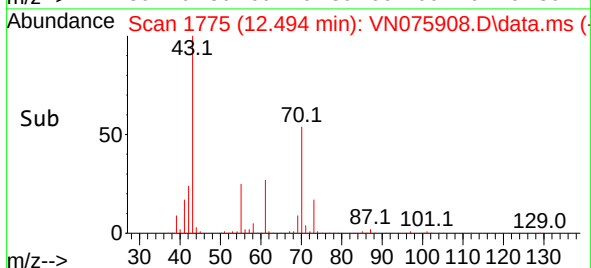
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

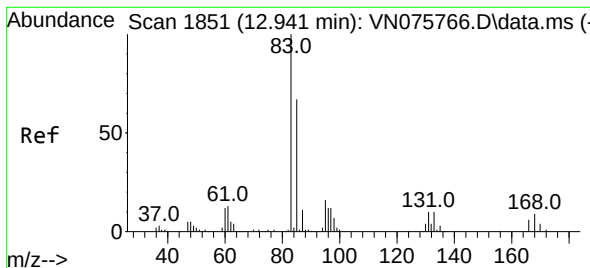


#74
N-ethyl acetate
Concen: 55.148 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22



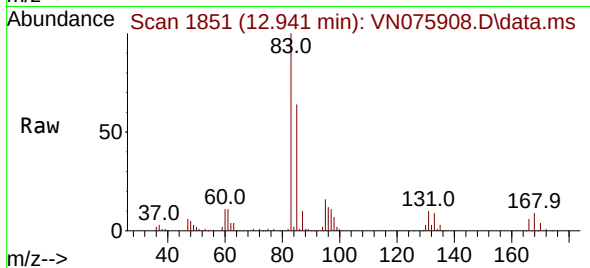
Tgt Ion: 43 Resp: 264636
Ion Ratio Lower Upper
43 100
70 52.4 41.4 62.0
55 25.7 21.3 31.9
61 26.7 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 47.711 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

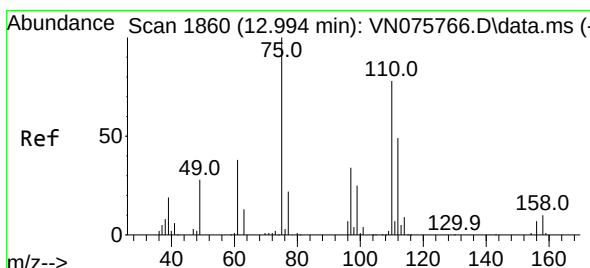
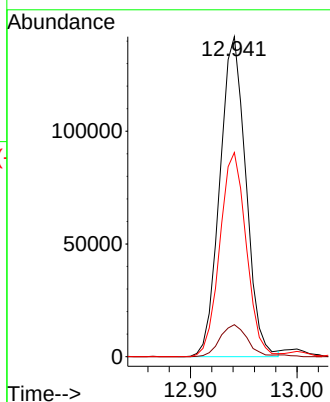
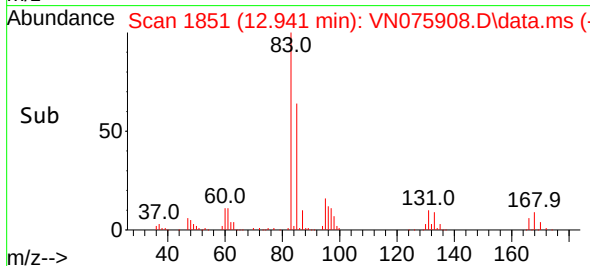
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



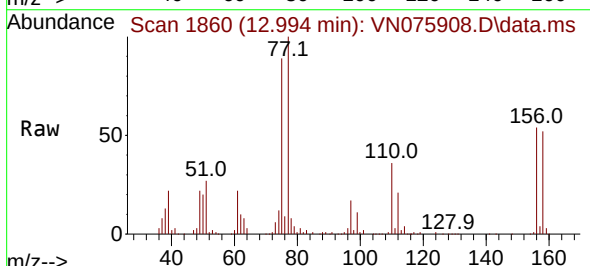
Tgt Ion: 83 Resp: 241250
Ion Ratio Lower Upper
83 100
131 10.8 5.6 16.8
85 64.7 32.6 98.0

Manual Integrations
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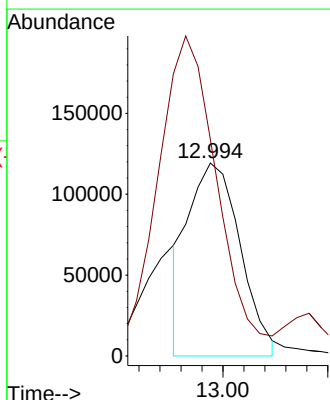
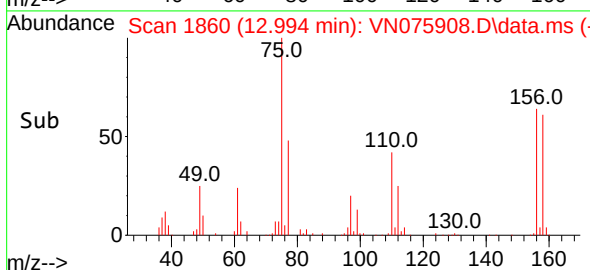
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

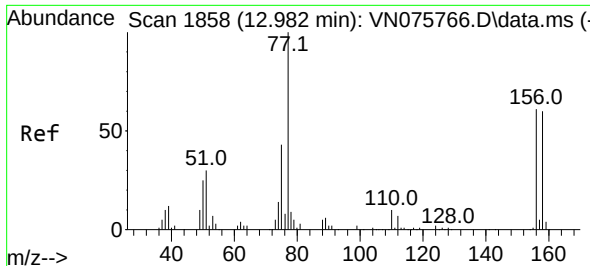


#76
1,2,3-Trichloropropane
Concen: 44.865 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22



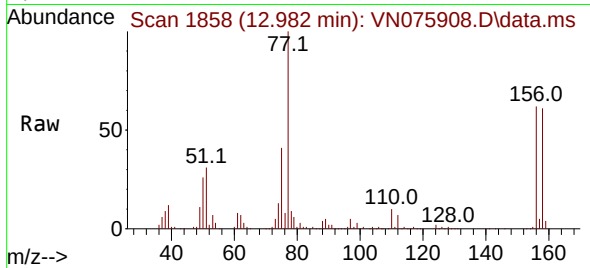
Tgt Ion: 75 Resp: 204703
Ion Ratio Lower Upper
75 100
77 191.8 82.6 247.8





#77
Bromobenzene
Concen: 51.219 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

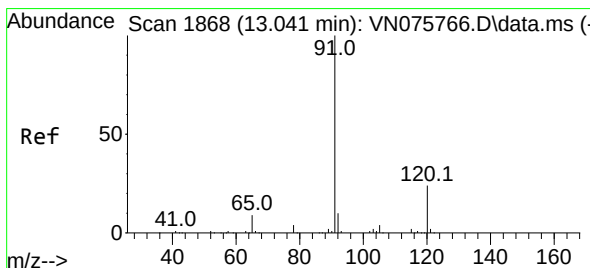
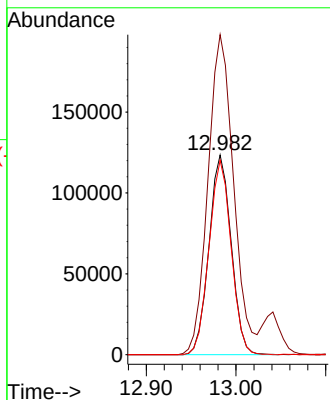
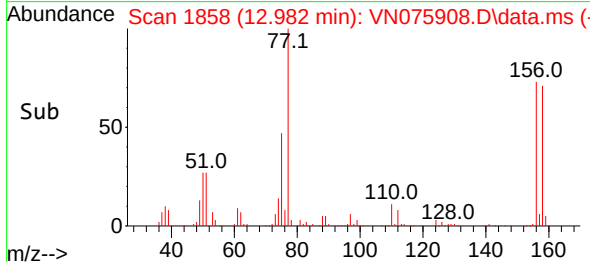
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 212020
Ion Ratio Lower Upper
156 100
77 185.2 93.8 281.3
158 97.1 48.9 146.6

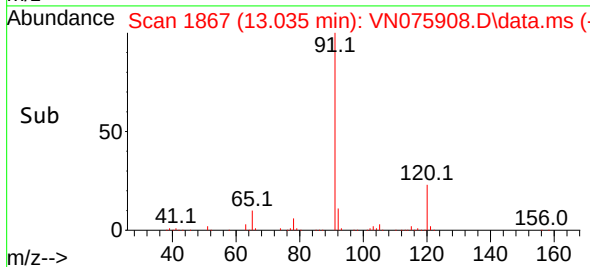
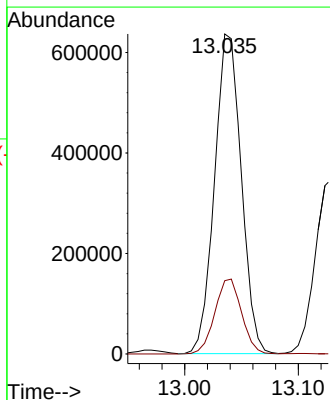
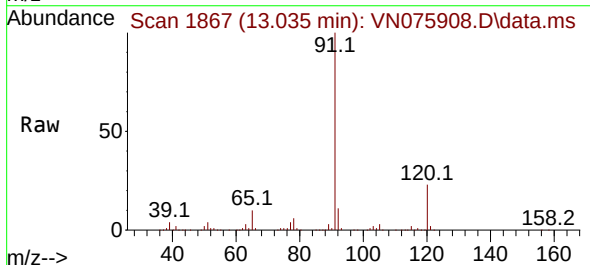
Manual Integrations
APPROVED

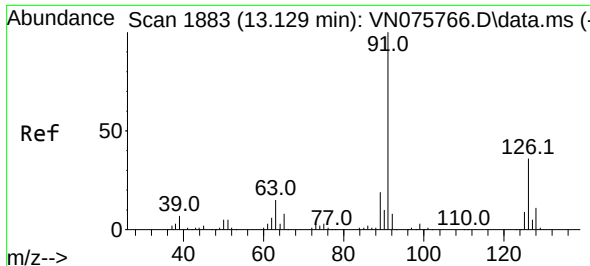
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#78
n-propylbenzene
Concen: 57.736 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

Tgt Ion: 91 Resp: 1041621
Ion Ratio Lower Upper
91 100
120 23.4 12.0 36.1





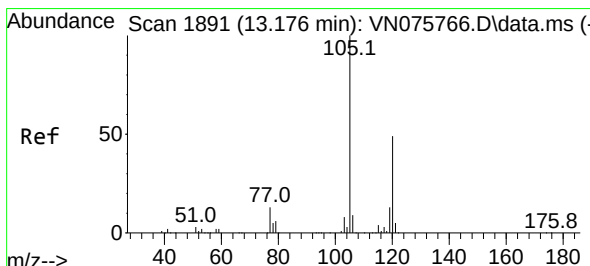
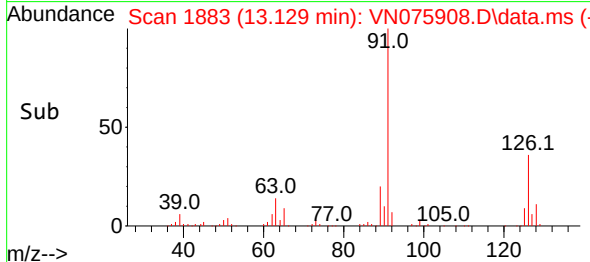
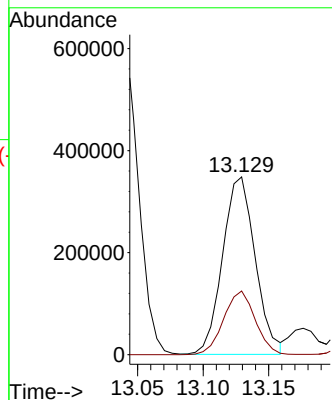
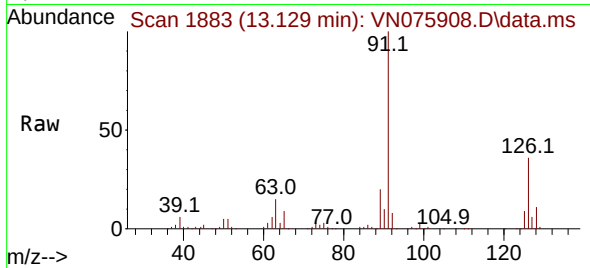
#79
2-Chlorotoluene
Concen: 53.528 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 602815
Ion Ratio Lower Upper
91 100
126 34.8 17.5 52.5

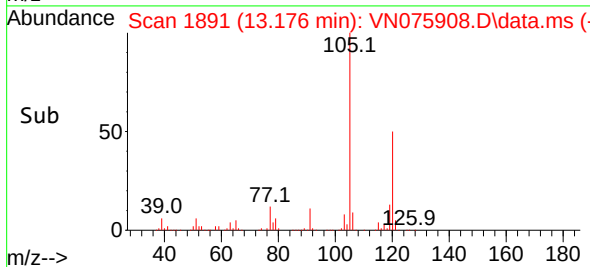
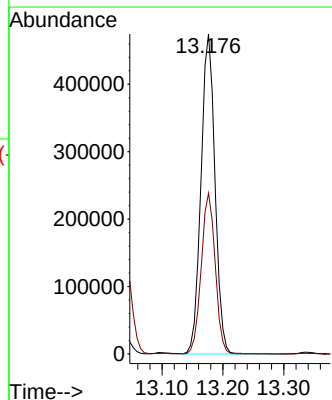
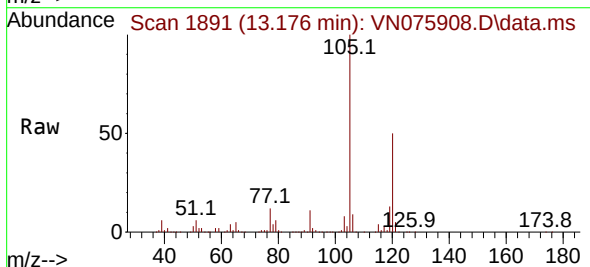
Manual Integrations
APPROVED

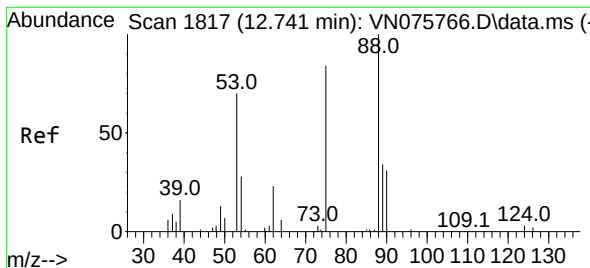
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#80
1,3,5-Trimethylbenzene
Concen: 55.460 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

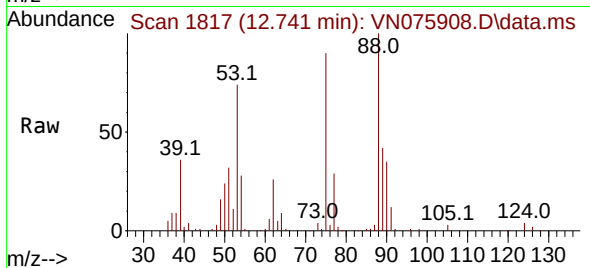
Tgt Ion:105 Resp: 759255
Ion Ratio Lower Upper
105 100
120 50.0 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 56.114 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

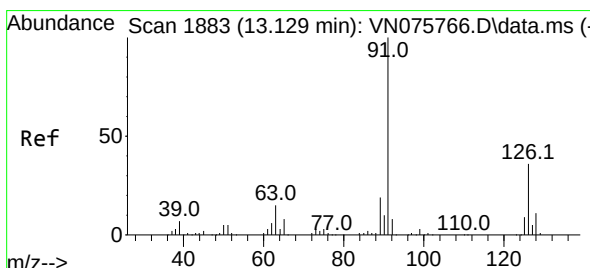
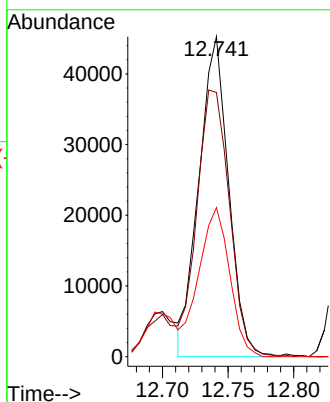
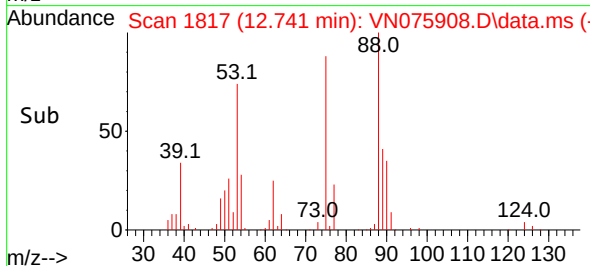
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



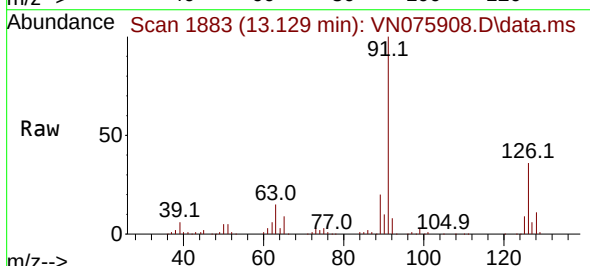
Tgt Ion: 75 Resp: 71130
Ion Ratio Lower Upper
75 100
53 91.7 73.8 110.6
89 49.0 39.5 59.3

Manual Integrations
APPROVED

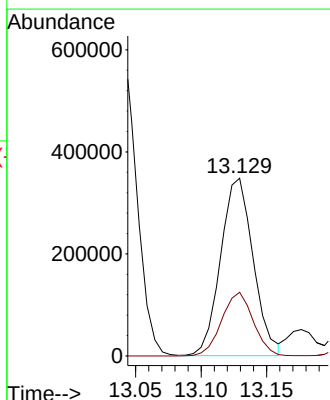
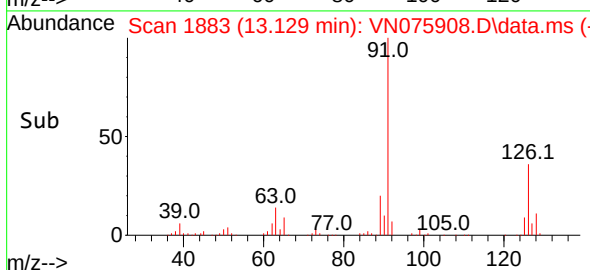
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

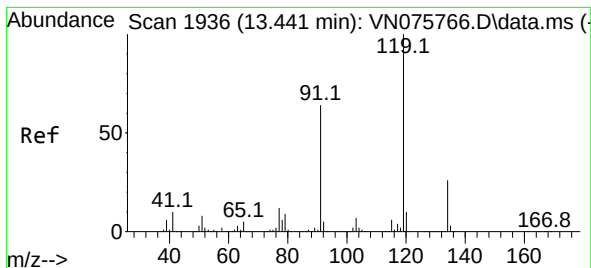


#82
4-Chlorotoluene
Concen: 53.528 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22



Tgt Ion: 91 Resp: 602815
Ion Ratio Lower Upper
91 100
126 34.8 17.5 52.5





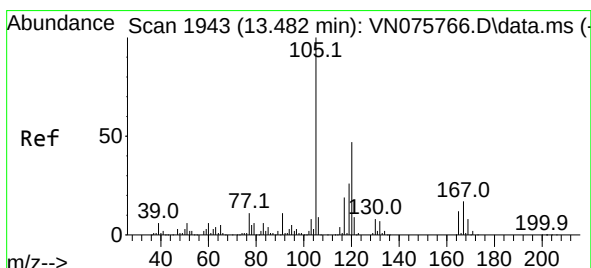
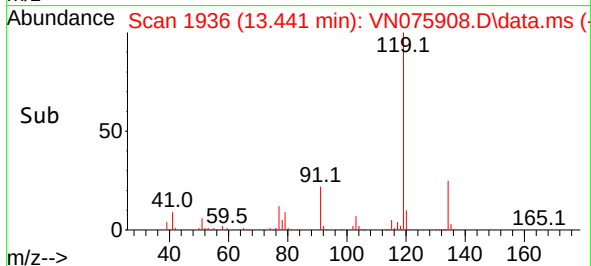
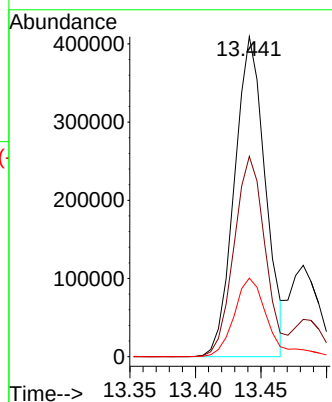
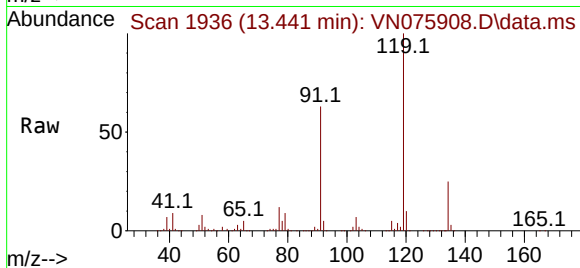
#83
tert-Butylbenzene
Concen: 55.460 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 669414
Ion Ratio Lower Upper
119 100
91 63.9 31.9 95.5
134 26.9 13.8 41.4

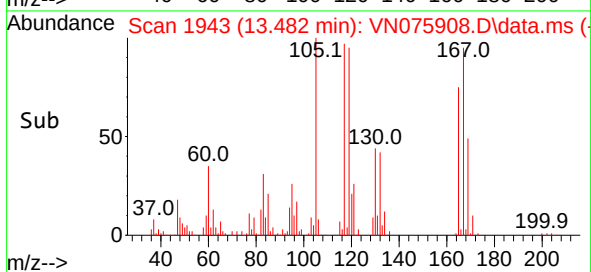
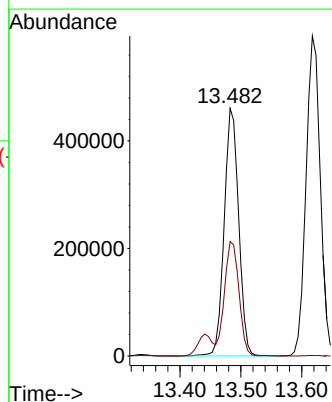
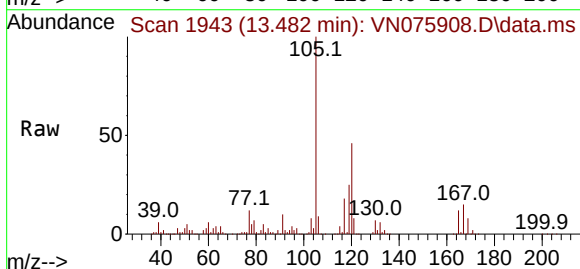
Manual Integrations
APPROVED

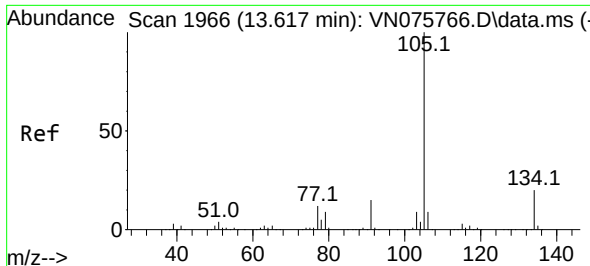
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#84
1,2,4-Trimethylbenzene
Concen: 55.973 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

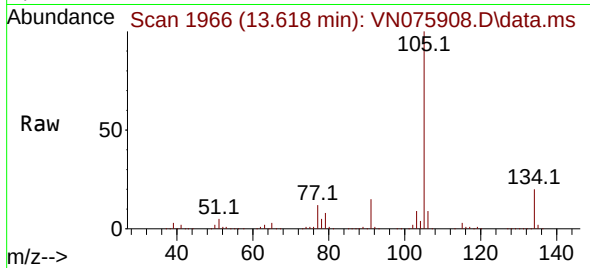
Tgt Ion:105 Resp: 760168
Ion Ratio Lower Upper
105 100
120 46.2 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 57.982 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075908.D
 Acq: 21 Dec 2022 10:22

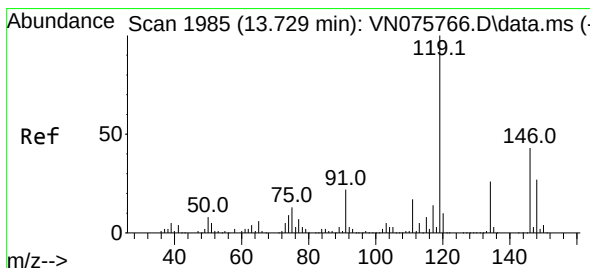
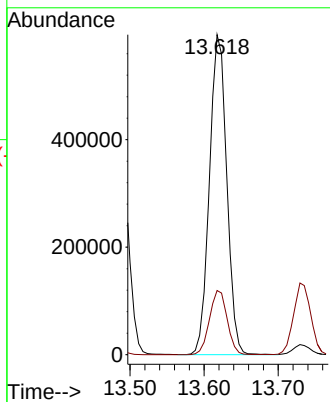
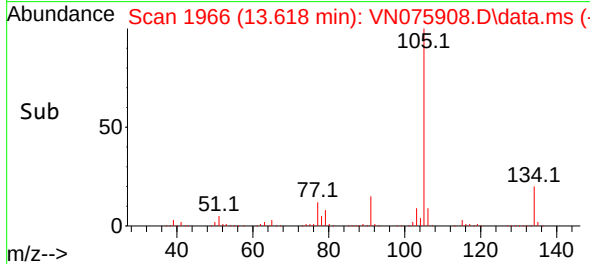
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



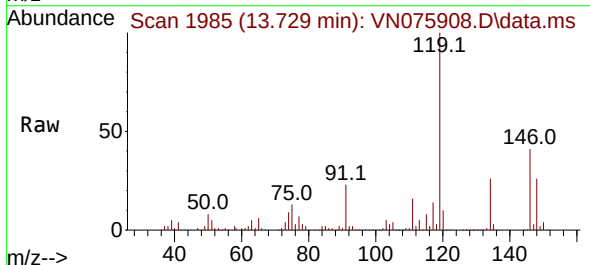
Tgt Ion:105 Resp: 96596
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1

Manual Integrations
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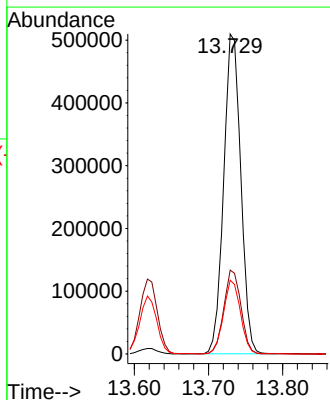
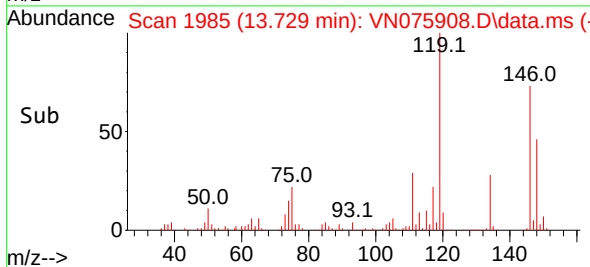
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/22/2022

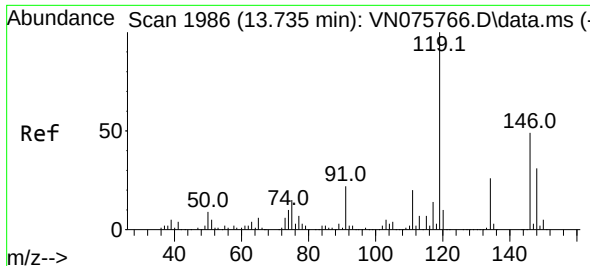


#86
 p-Isopropyltoluene
 Concen: 58.850 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075908.D
 Acq: 21 Dec 2022 10:22



Tgt Ion:119 Resp: 815803
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 23.0 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 53.251 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075908.D

Acq: 21 Dec 2022 10:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 40718

Ion Ratio Lower Upper

146 100

111 39.2 19.7 59.0

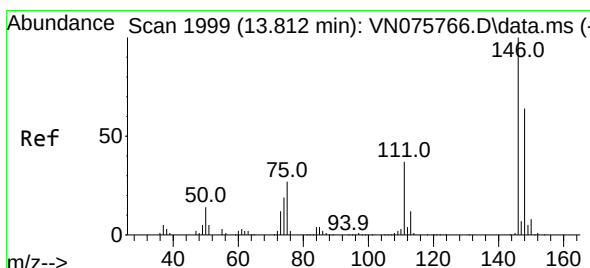
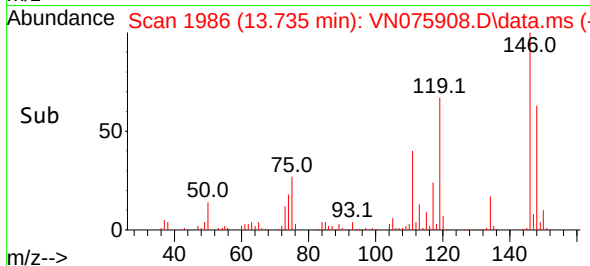
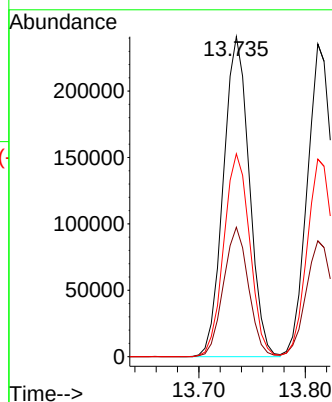
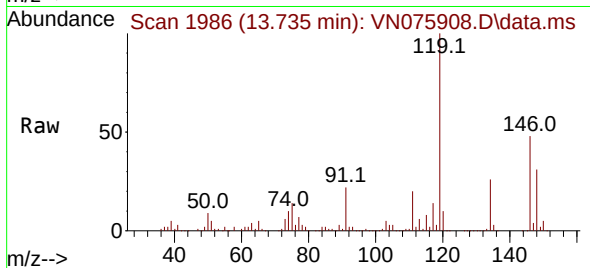
148 63.6 31.4 94.2

Manual Integrations

APPROVED

Reviewed By :John Carbone 12/21/2022

Supervised By :Mahesh Dadoda 12/22/2022



#88

1,4-Dichlorobenzene

Concen: 50.965 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN075908.D

Acq: 21 Dec 2022 10:22

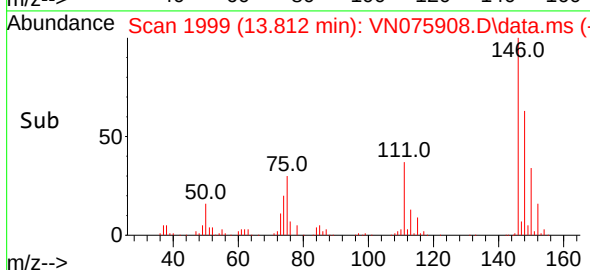
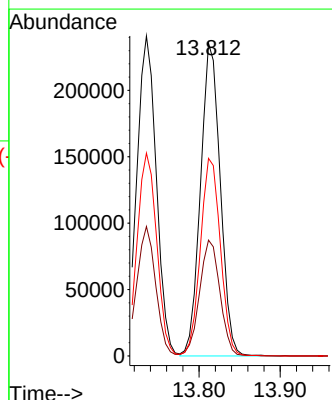
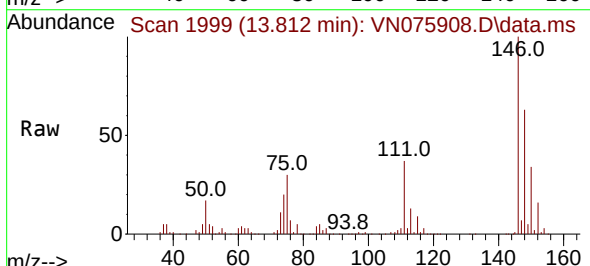
Tgt Ion:146 Resp: 398120

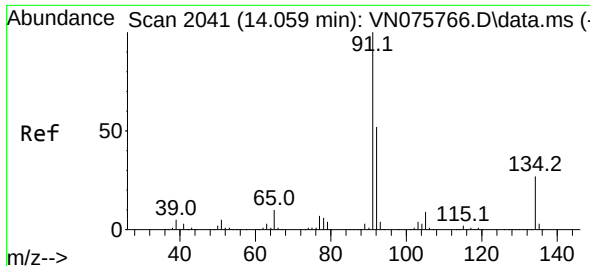
Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.1

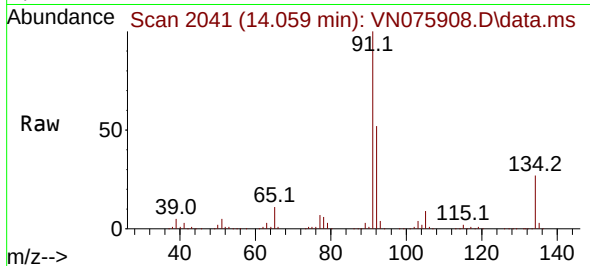
148 64.1 32.0 96.2





#89
n-Butylbenzene
Concen: 60.529 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

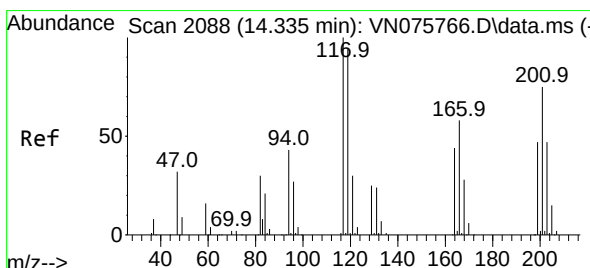
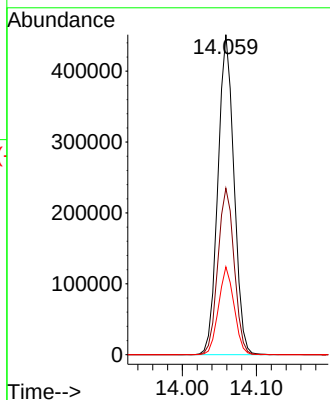
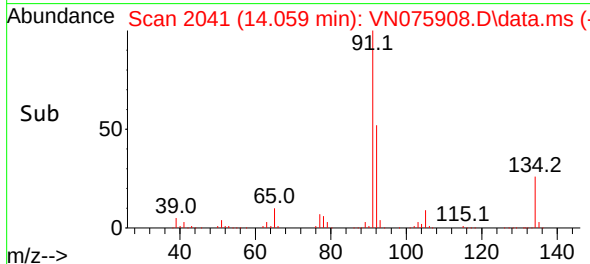
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 679758
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.2
134 26.6 13.4 40.2

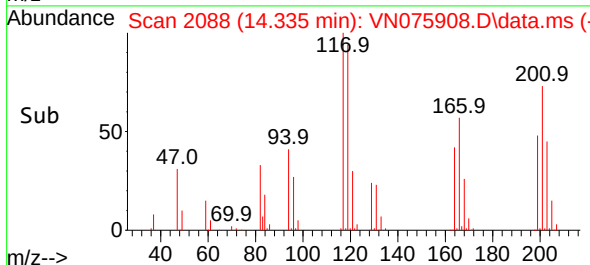
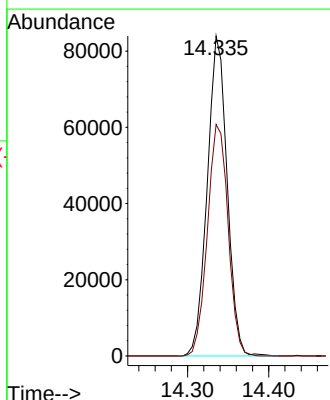
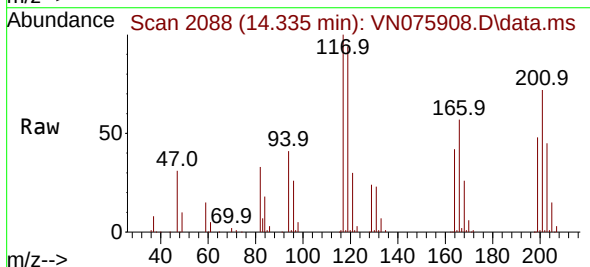
Manual Integrations
APPROVED

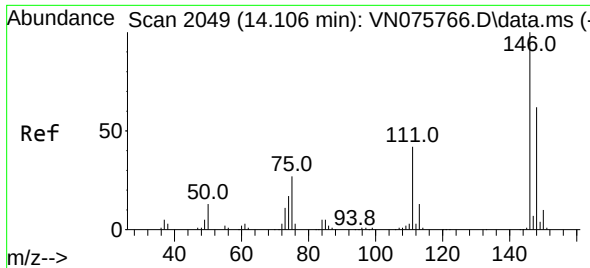
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#90
Hexachloroethane
Concen: 57.596 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

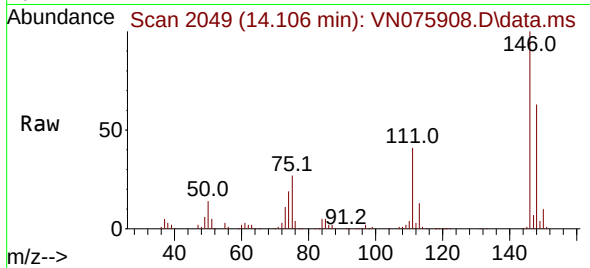
Tgt Ion:117 Resp: 142821
Ion Ratio Lower Upper
117 100
201 75.2 38.0 114.1





#91
1,2-Dichlorobenzene
Concen: 53.514 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

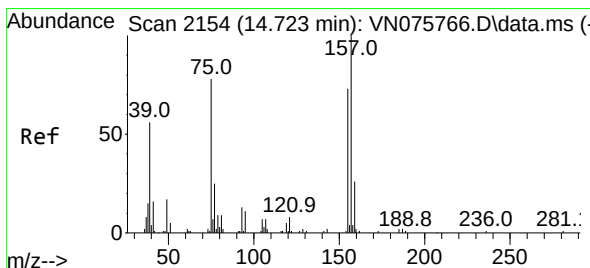
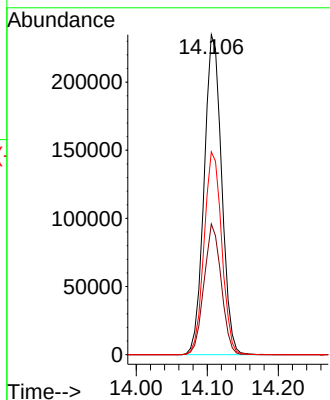
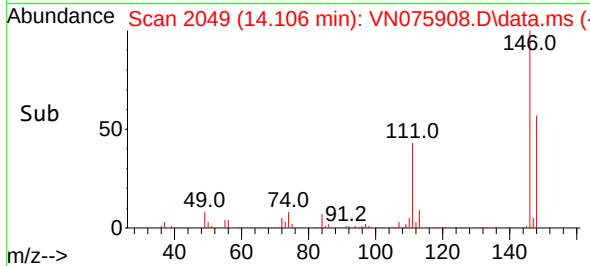
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



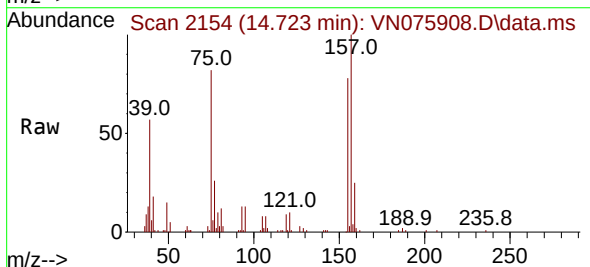
Tgt Ion:146 Resp: 403062
Ion Ratio Lower Upper
146 100
111 40.0 20.3 61.0
148 63.7 31.7 95.1

Manual Integrations
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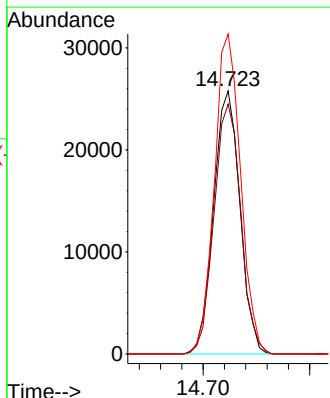
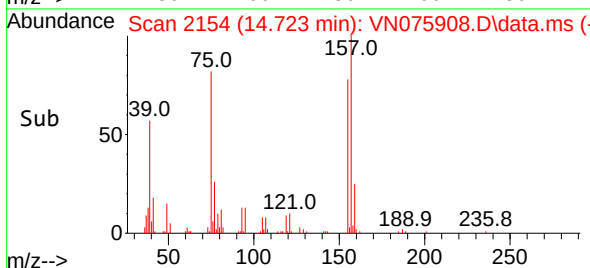
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

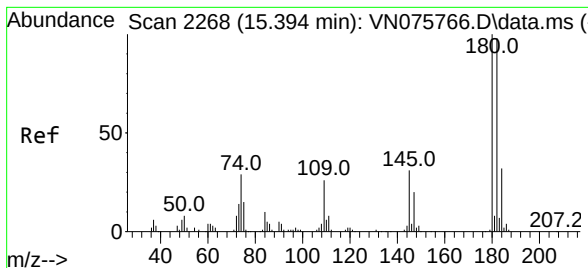


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.429 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22



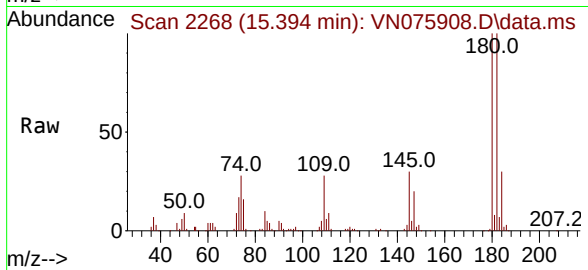
Tgt Ion: 75 Resp: 44350
Ion Ratio Lower Upper
75 100
155 95.9 49.3 147.8
157 120.7 63.7 191.3





#93
1,2,4-Trichlorobenzene
Concen: 58.675 ug/l
RT: 15.394 min Scan# 218794
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

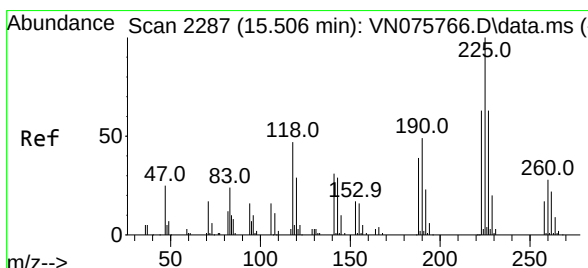
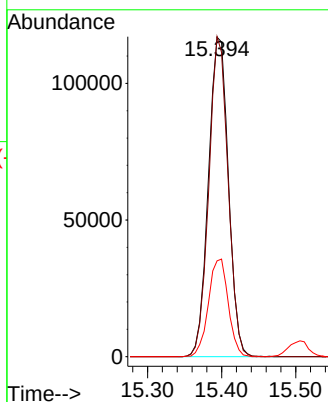
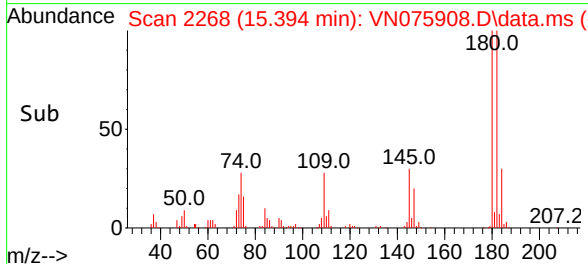
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



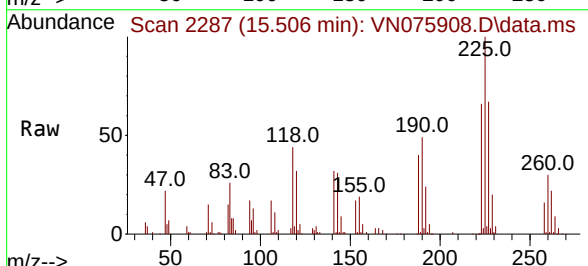
Tgt Ion:180 Resp: 218794
Ion Ratio Lower Upper
180 100
182 96.4 47.5 142.5
145 30.3 15.3 45.8

Manual Integrations
APPROVED

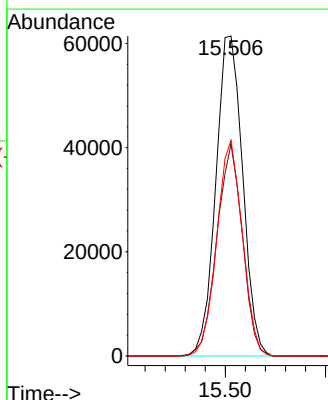
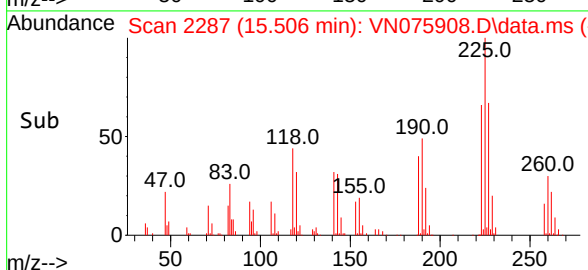
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

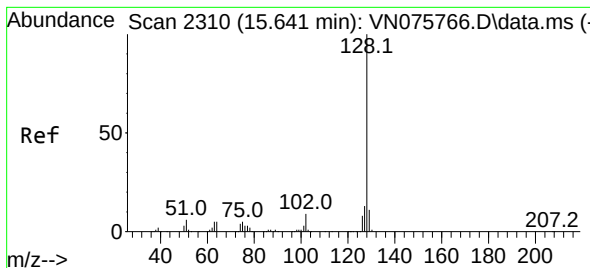


#94
Hexachlorobutadiene
Concen: 56.138 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22



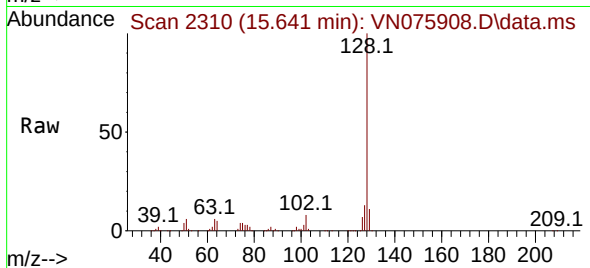
Tgt Ion:225 Resp: 114209
Ion Ratio Lower Upper
225 100
223 62.9 31.5 94.5
227 64.3 31.6 95.0





#95
Naphthalene
Concen: 49.639 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22

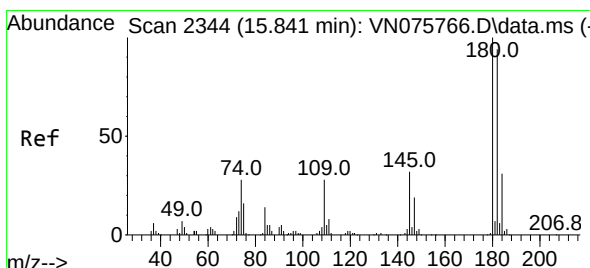
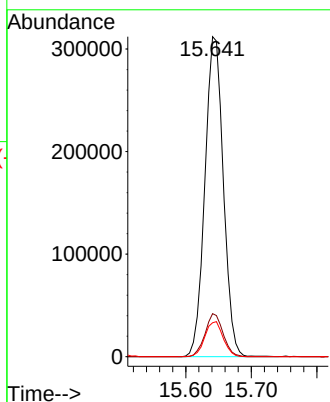
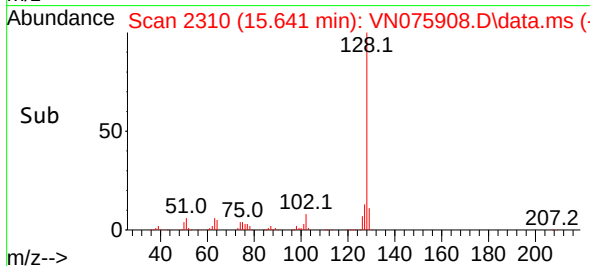
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



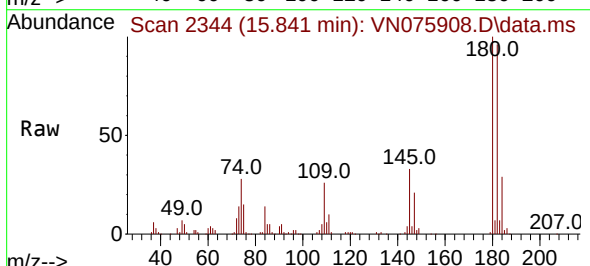
Tgt Ion:128 Resp: 61129
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#96
1,2,3-Trichlorobenzene
Concen: 61.036 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075908.D
Acq: 21 Dec 2022 10:22



Tgt Ion:180 Resp: 212722
Ion Ratio Lower Upper
180 100
182 93.2 47.0 141.0
145 32.6 16.0 47.9

