

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111623\
 Data File : VW032962.D
 Acq On : 16 Nov 2023 08:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 17 00:53:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 14 01:11:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	461788	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	462947	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	263613	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	159245	40.773	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.540%
7) Chloroethane-d5	1.532	69	139427	43.087	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.180%
11) 1,1-Dichloroethene-d2	2.060	65	73540	43.216	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.440%
21) 2-Butanone-d5	3.777	46	130860	78.166	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.170%
24) Chloroform-d	4.246	84	311883	46.223	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.440%
26) 1,2-Dichloroethane-d4	4.937	65	183563	44.711	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.420%
32) Benzene-d6	4.957	84	575185	45.554	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.100%
36) 1,2-Dichloropropane-d6	5.986	67	170332	46.410	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.820%
41) Toluene-d8	7.240	98	547470	47.029	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.060%
43) trans-1,3-Dichloroprop...	7.548	79	91506	46.965	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.920%
47) 2-Hexanone-d5	8.021	63	110033	81.835	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.840%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	232678	43.278	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.560%
66) 1,2-Dichlorobenzene-d4	11.561	152	229599	44.824	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	179816	45.032	ug/L	99
3) Chloromethane	1.217	50	171144	43.376	ug/L	98
5) Vinyl chloride	1.285	62	173545	43.714	ug/L	100
6) Bromomethane	1.487	94	114790	43.619	ug/L	99
8) Chloroethane	1.548	64	108332	43.211	ug/L	97
9) Trichlorofluoromethane	1.712	101	291314	46.215	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	167538	45.881	ug/L	99
12) 1,1-Dichloroethene	2.069	96	147572	45.180	ug/L	98
13) Acetone	2.108	43	156347	69.955	ug/L	99
14) Carbon disulfide	2.240	76	412446	44.341	ug/L	100
15) Methyl Acetate	2.368	43	109892	41.820	ug/L	100
16) Methylene chloride	2.446	84	152933	43.886	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	146170	45.204	ug/L	99
18) Methyl tert-butyl Ether	2.700	73	421612	44.429	ug/L	99
19) 1,1-Dichloroethane	3.108	63	254762	44.101	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	158429	45.496	ug/L	97
22) 2-Butanone	3.857	43	150037	72.073	ug/L	97
23) Bromochloromethane	4.140	128	85931	43.934	ug/L	99
25) Chloroform	4.272	83	288072	45.191	ug/L	99

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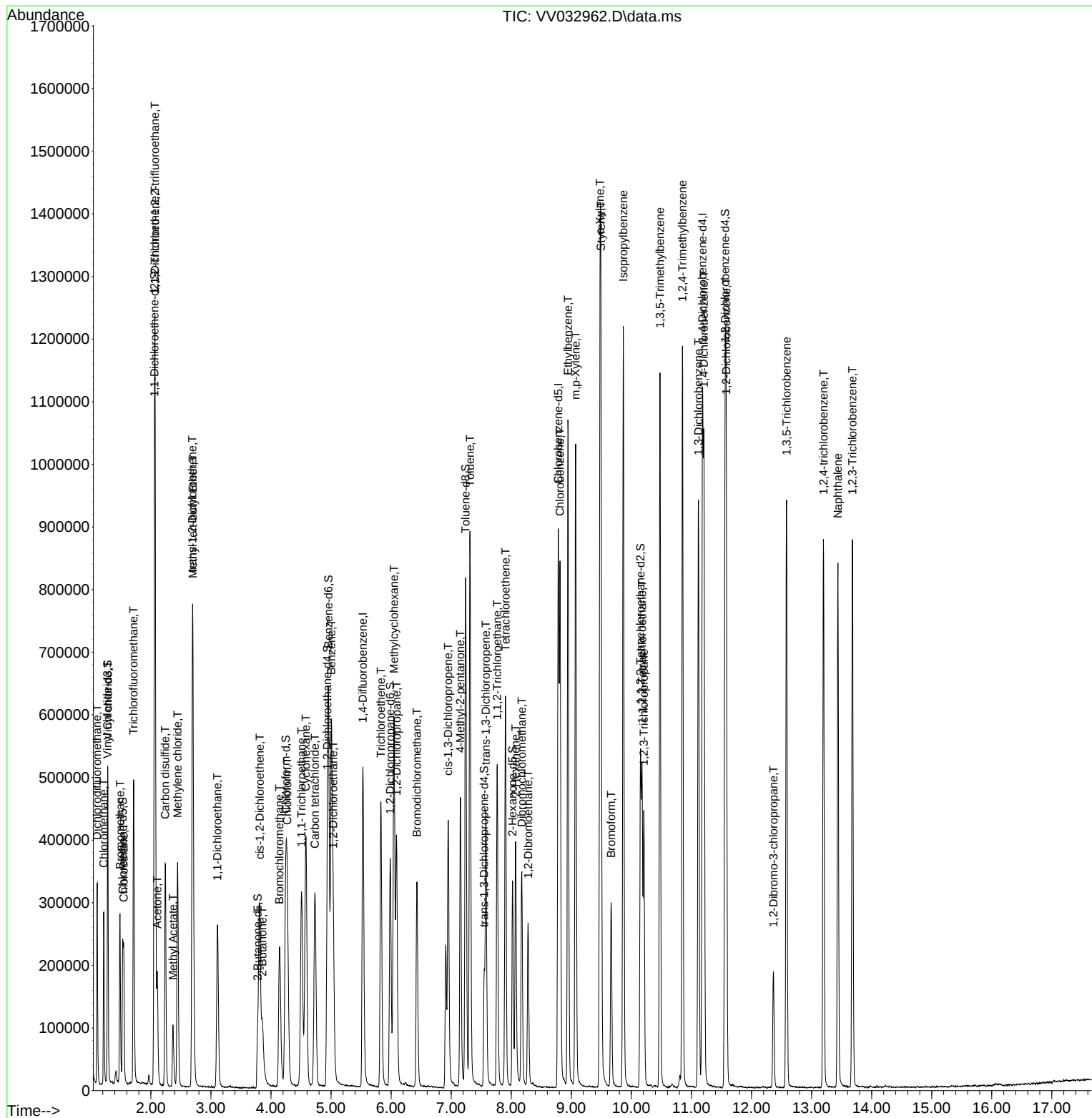
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	212982	44.293	ug/L	100
29) Cyclohexane	4.580	56	209114	47.003	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	263158	46.384	ug/L	99
31) Carbon tetrachloride	4.732	117	234783	46.277	ug/L	98
33) Benzene	5.005	78	589609	46.893	ug/L	100
34) Trichloroethene	5.828	95	161100	47.144	ug/L	98
35) Methylcyclohexane	6.050	83	250604	48.662	ug/L	98
37) 1,2-Dichloropropane	6.092	63	151065	48.109	ug/L	100
38) Bromodichloromethane	6.429	83	214256	45.741	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	253547	48.551	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	286522	85.565	ug/L	100
42) Toluene	7.313	91	652283	47.541	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	239666	47.247	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	156653	44.957	ug/L	98
46) Tetrachloroethene	7.905	164	135233	46.004	ug/L	98
48) 2-Hexanone	8.072	43	230408	78.977	ug/L	98
49) Dibromochloromethane	8.175	129	173740	46.283	ug/L	96
50) 1,2-Dibromoethane	8.281	107	167650	45.202	ug/L	97
51) Chlorobenzene	8.812	112	435492	45.819	ug/L	97
52) Ethylbenzene	8.944	91	724191	47.660	ug/L	100
53) m,p-Xylene	9.072	106	281910	48.251	ug/L	97
54) o-Xylene	9.477	106	273892	48.618	ug/L	97
55) Styrene	9.493	104	490232	49.335	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	230704	43.036	ug/L	99
59) Bromoform	9.664	173	128414	45.790	ug/L	99
60) Isopropylbenzene	9.866	105	749808	48.049	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	163962	42.491	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	578465	48.865	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	612481	49.482	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	380434	46.742	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	392705	44.989	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	371545	45.396	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	42755	39.647	ug/L	91
69) 1,3,5-Trichlorobenzene	12.583	180	282568	46.274	ug/L	98
70) 1,2,4-trichlorobenzene	13.198	180	253628	46.238	ug/L	100
71) Naphthalene	13.439	128	626441	43.458	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	251474	45.553	ug/L	100

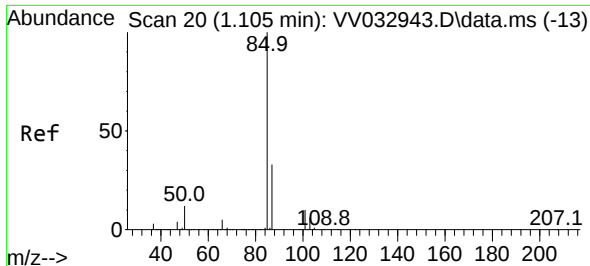
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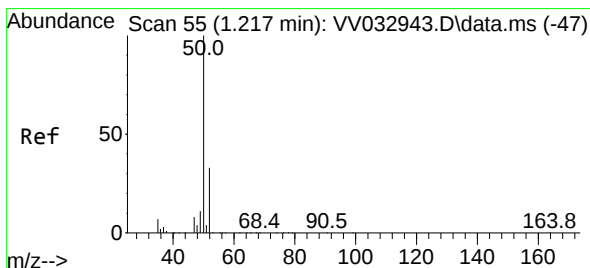
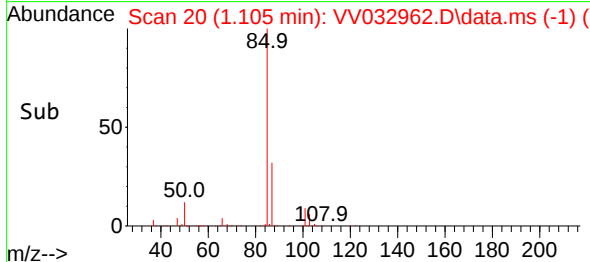
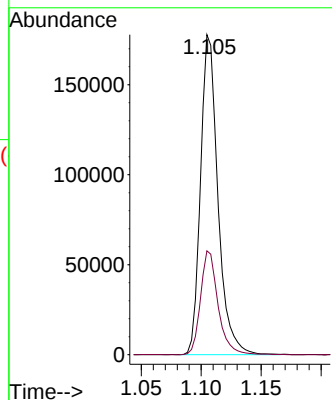
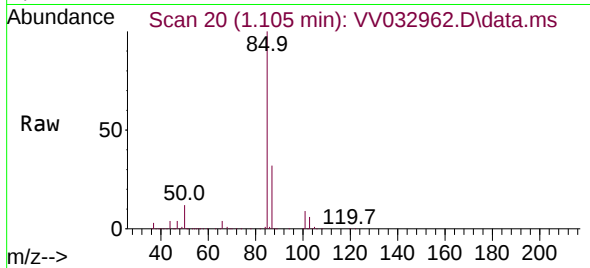




#2
Dichlorodifluoromethane
Concen: 45.032 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV032962.D
Acq: 16 Nov 2023 08:35

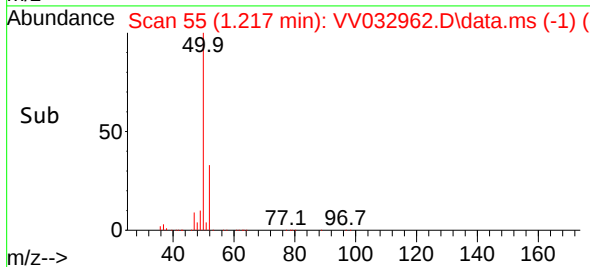
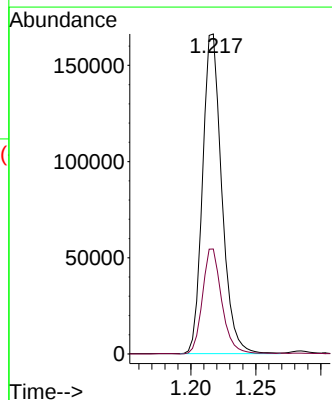
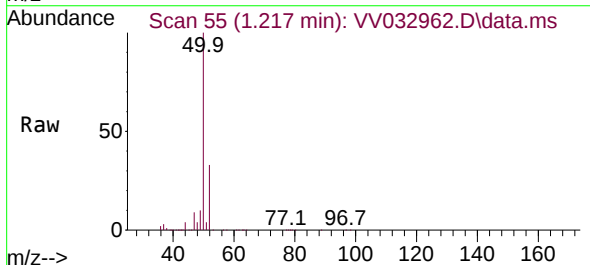
Instrument :
MSVOA_V
ClientSampleId :

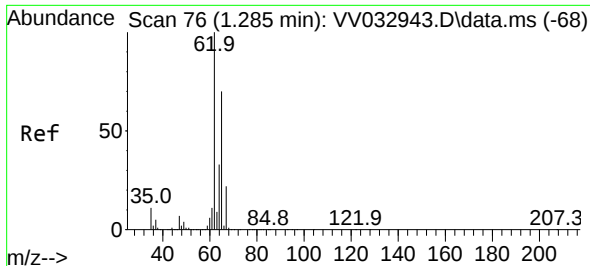
Tgt Ion: 85 Resp: 179816
Ion Ratio Lower Upper
85 100
87 32.6 25.8 38.8



#3
Chloromethane
Concen: 43.376 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV032962.D
Acq: 16 Nov 2023 08:35

Tgt Ion: 50 Resp: 171144
Ion Ratio Lower Upper
50 100
52 32.8 23.6 43.8

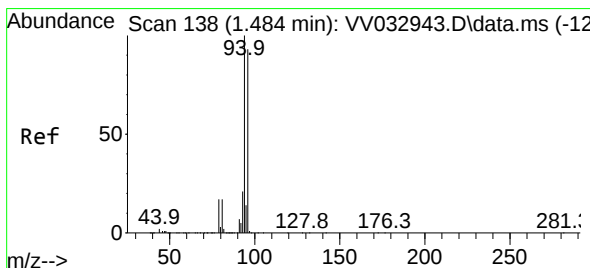
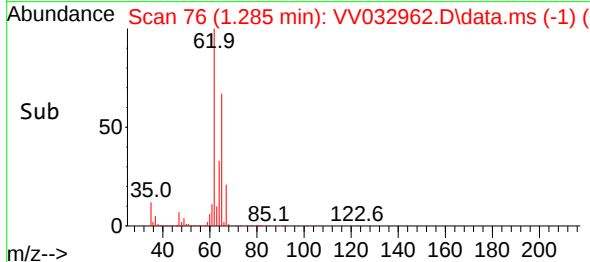
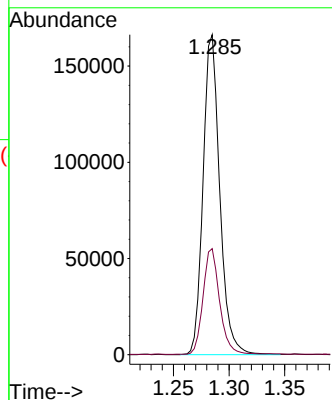
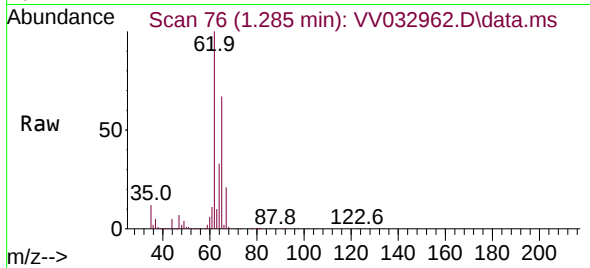




#5
 Vinyl chloride
 Concen: 43.714 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV032962.D
 Acq: 16 Nov 2023 08:35

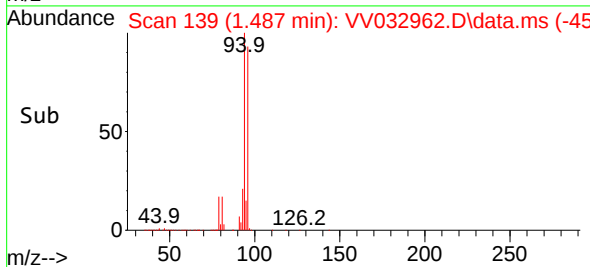
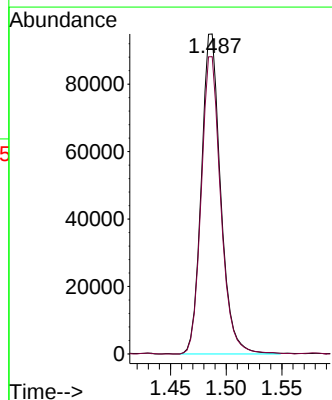
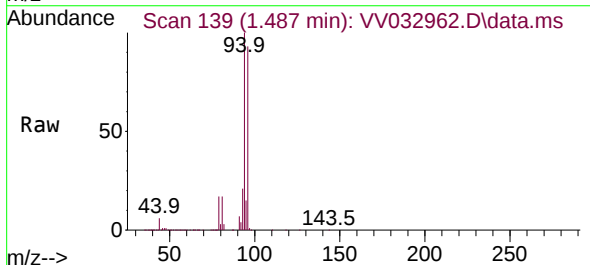
Instrument :
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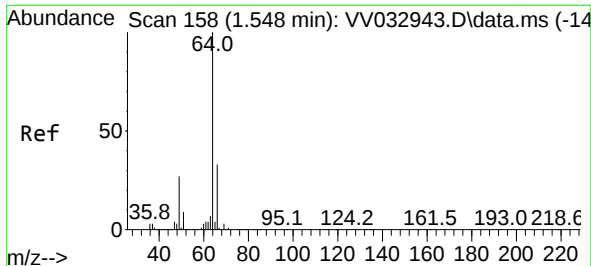
Tgt Ion: 62 Resp: 173545
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.1 42.9



#6
 Bromomethane
 Concen: 43.619 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.003 min
 Lab File: VV032962.D
 Acq: 16 Nov 2023 08:35

Tgt Ion: 94 Resp: 114790
 Ion Ratio Lower Upper
 94 100
 96 92.9 66.0 122.6

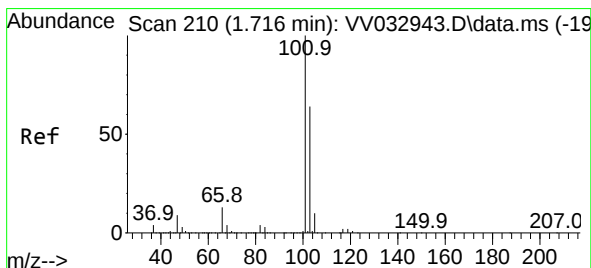
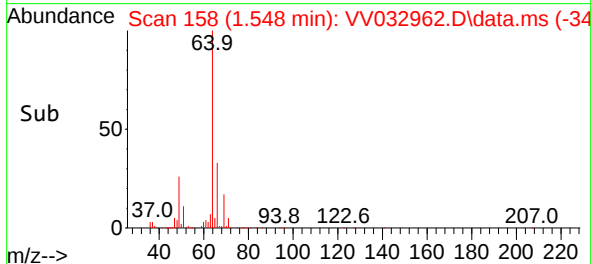
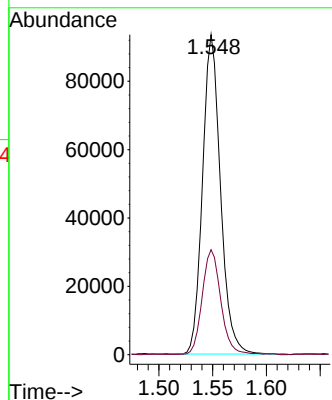
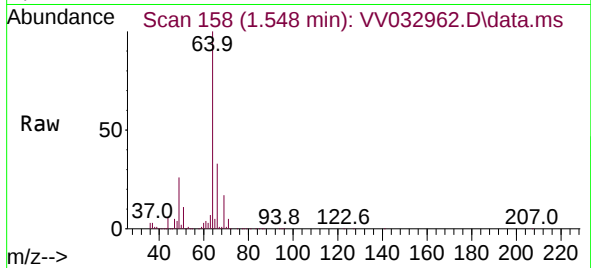




#8
Chloroethane
Concen: 43.211 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032962.D
Acq: 16 Nov 2023 08:35

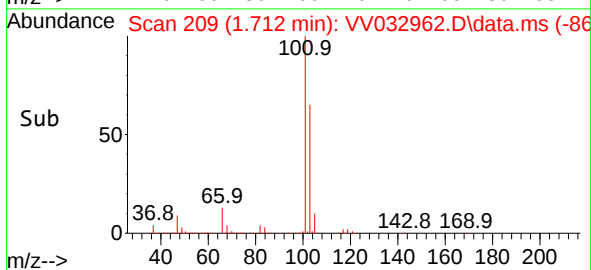
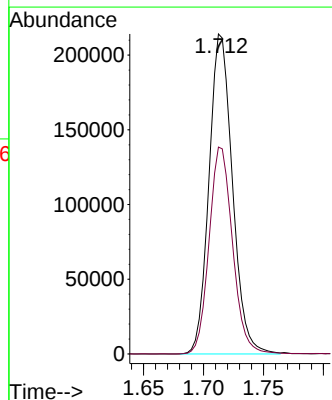
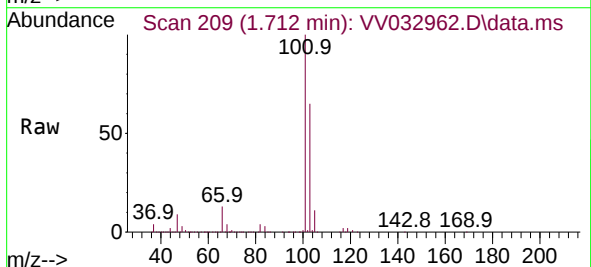
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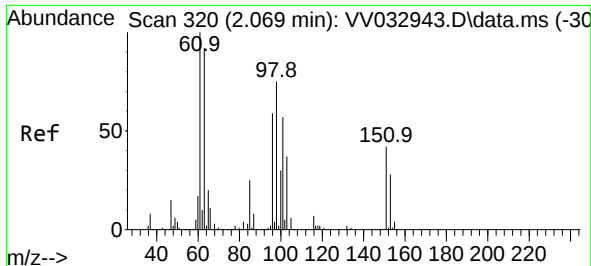
Tgt Ion: 64 Resp: 108332
Ion Ratio Lower Upper
64 100
66 32.8 22.0 40.8



#9
Trichlorofluoromethane
Concen: 46.215 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV032962.D
Acq: 16 Nov 2023 08:35

Tgt Ion:101 Resp: 291314
Ion Ratio Lower Upper
101 100
103 64.6 51.2 76.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 45.881 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032962.D

Acq: 16 Nov 2023 08:35

Instrument :

MSVOA_V

ClientSampleId :

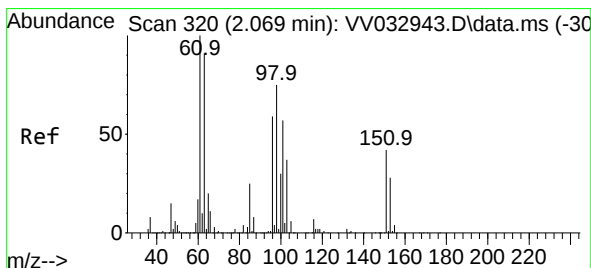
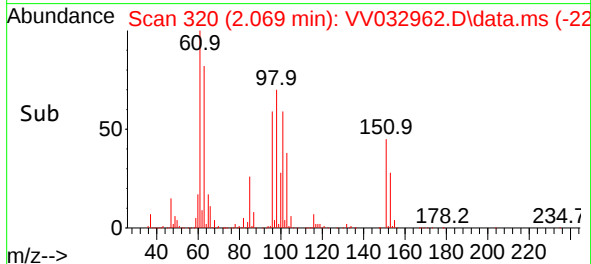
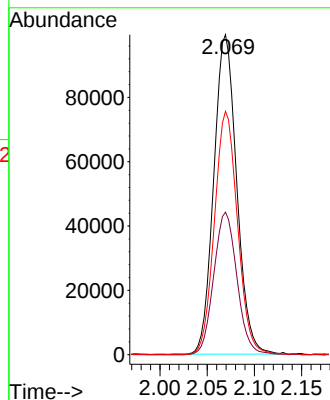
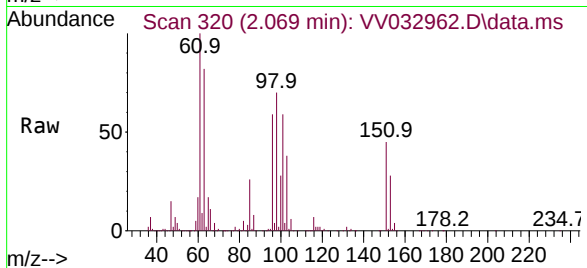
Tgt Ion:101 Resp: 167538

Ion Ratio Lower Upper

101 100

85 45.2 35.9 53.9

151 76.8 60.6 91.0



#12

1,1-Dichloroethene

Concen: 45.180 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV032962.D

Acq: 16 Nov 2023 08:35

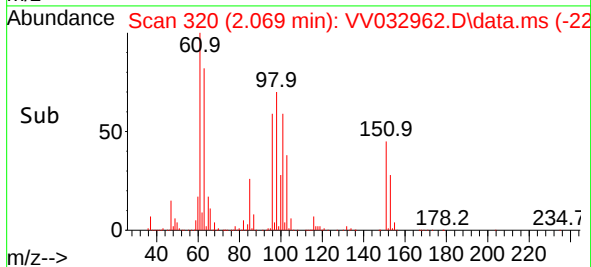
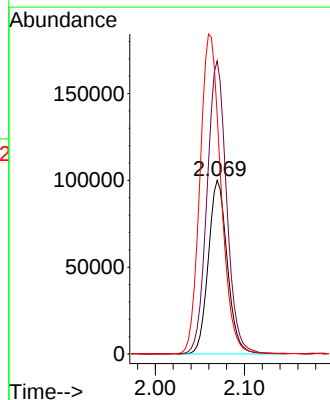
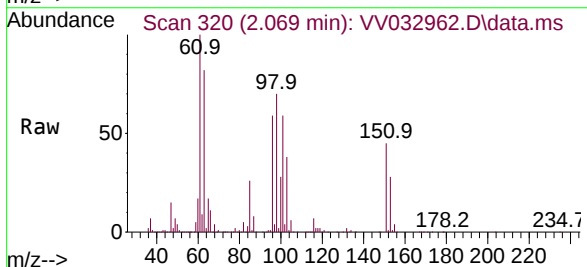
Tgt Ion: 96 Resp: 147572

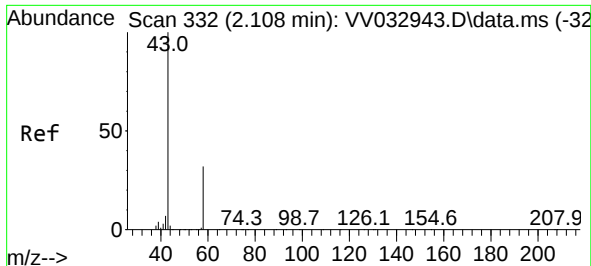
Ion Ratio Lower Upper

96 100

61 168.9 119.6 222.0

63 137.9 95.1 176.7





#13

Acetone

Concen: 69.955 ug/L

RT: 2.108 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032962.D

Acq: 16 Nov 2023 08:35

Instrument :

MSVOA_V

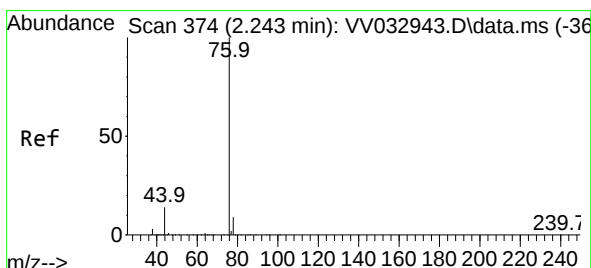
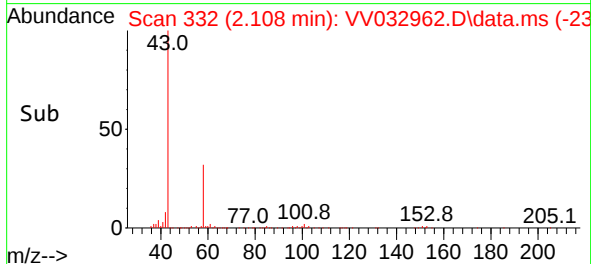
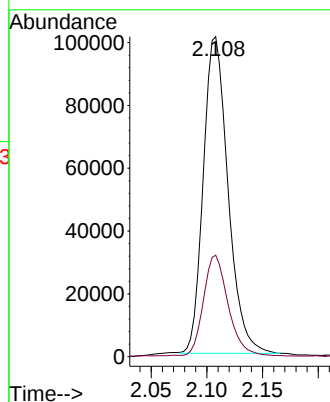
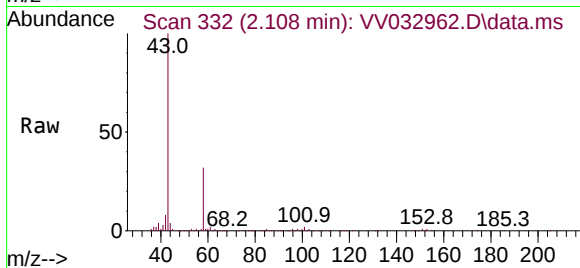
ClientSampleId :

Tgt Ion: 43 Resp: 156347

Ion Ratio Lower Upper

43 100

58 31.8 0.0 62.8



#14

Carbon disulfide

Concen: 44.341 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

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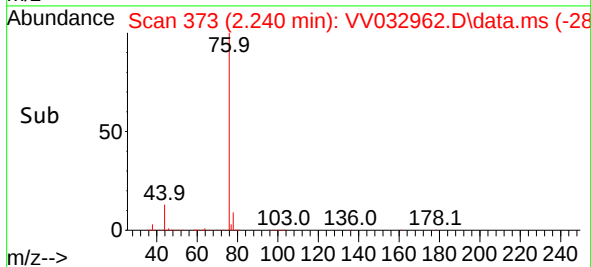
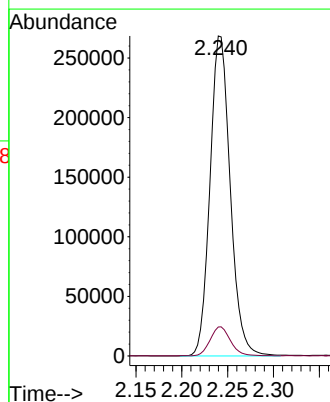
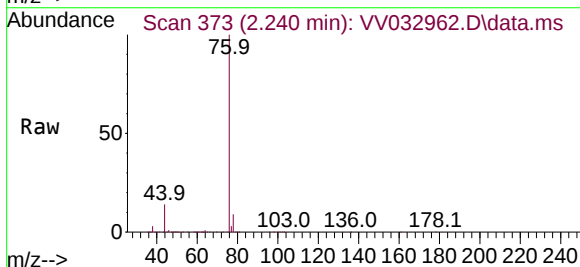
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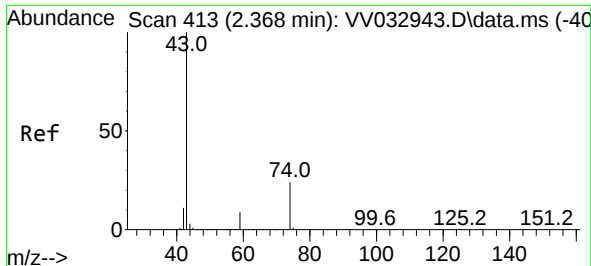
Tgt Ion: 76 Resp: 412446

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

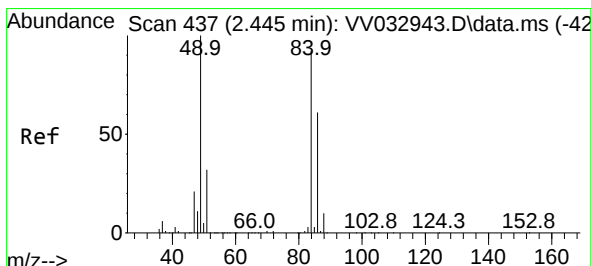
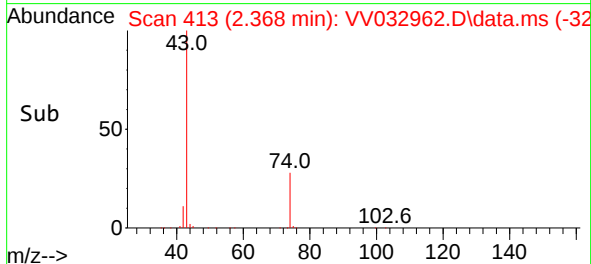
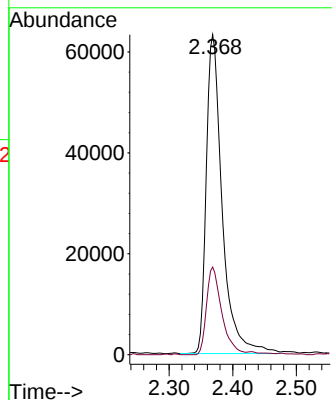
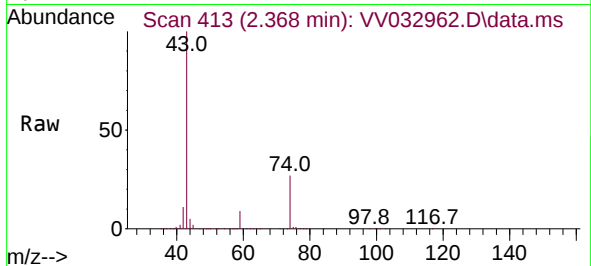




#15
Methyl Acetate
Concen: 41.820 ug/L
RT: 2.368 min Scan# 413
Delta R.T. 0.000 min
Lab File: VV032962.D
Acq: 16 Nov 2023 08:35

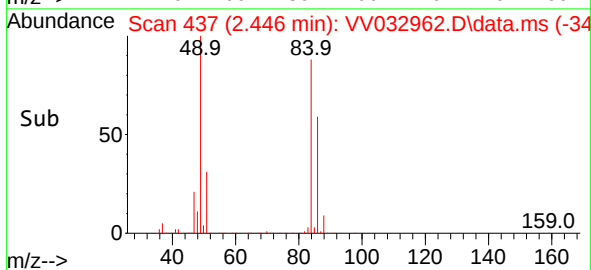
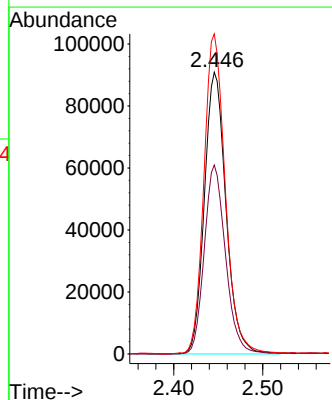
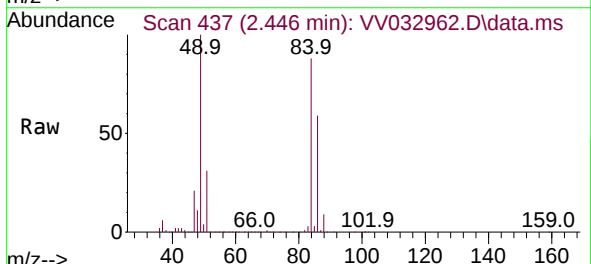
Instrument :
MSVOA_V
ClientSampleId :

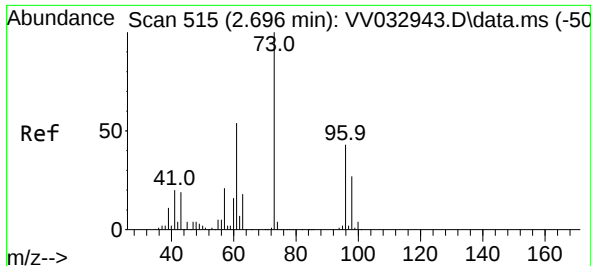
Tgt Ion: 43 Resp: 109892
Ion Ratio Lower Upper
43 100
74 26.1 20.8 31.2



#16
Methylene chloride
Concen: 43.886 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV032962.D
Acq: 16 Nov 2023 08:35

Tgt Ion: 84 Resp: 152933
Ion Ratio Lower Upper
84 100
86 67.1 45.3 84.1
49 113.6 80.6 149.6

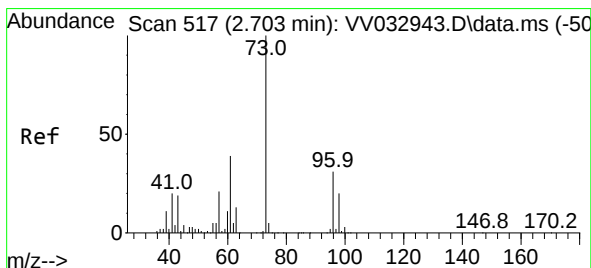
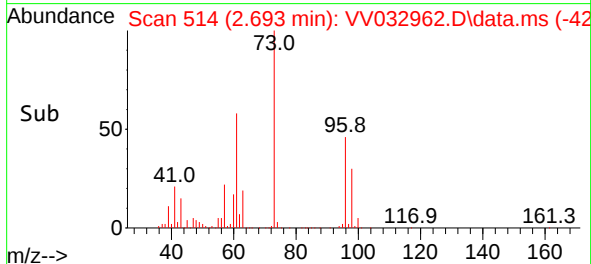
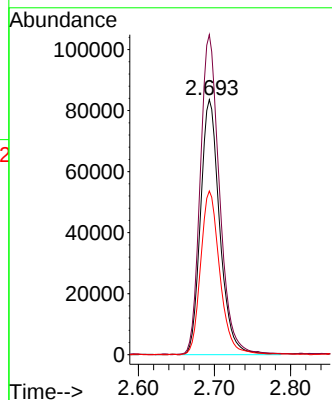
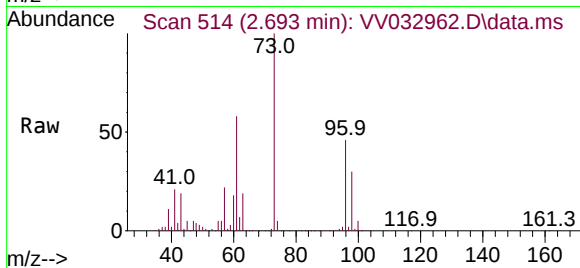




#17
trans-1,2-Dichloroethene
Concen: 45.204 ug/L
RT: 2.693 min Scan# 515
Delta R.T. -0.003 min
Lab File: VV032962.D
Acq: 16 Nov 2023 08:35

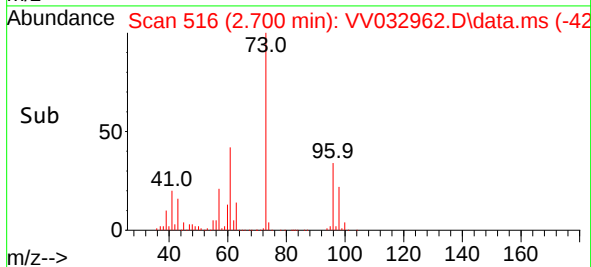
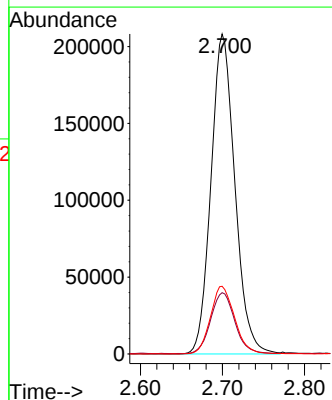
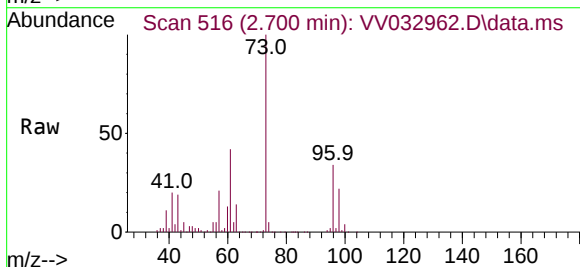
Instrument :
MSVOA_V
ClientSampleId :

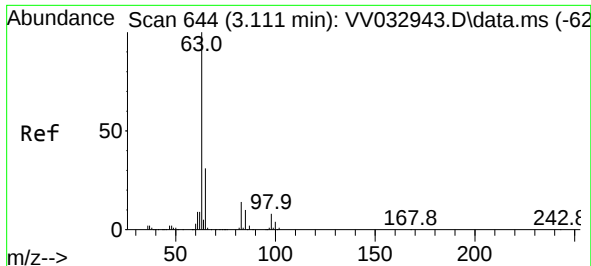
Tgt Ion: 96 Resp: 146170
Ion Ratio Lower Upper
96 100
61 125.4 86.9 161.5
98 64.2 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 44.429 ug/L
RT: 2.700 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV032962.D
Acq: 16 Nov 2023 08:35

Tgt Ion: 73 Resp: 421612
Ion Ratio Lower Upper
73 100
43 19.3 15.7 23.5
57 21.4 17.0 25.4

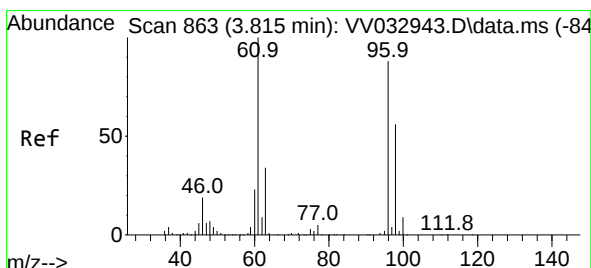
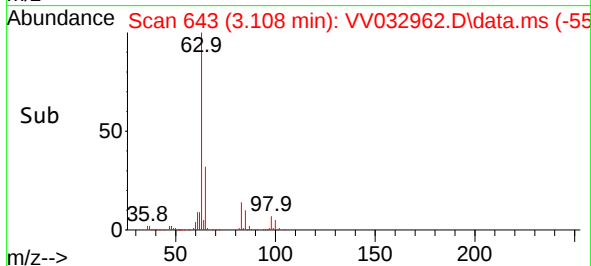
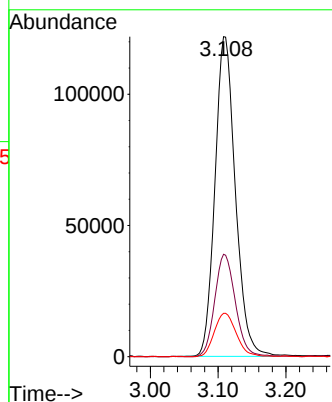
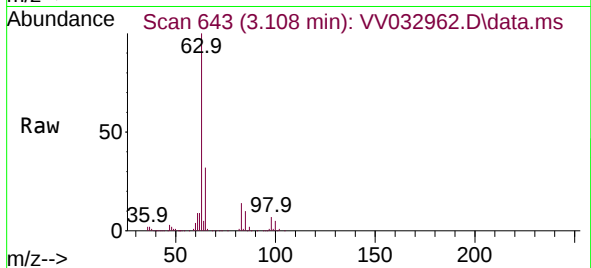




#19
1,1-Dichloroethane
Concen: 44.101 ug/L
RT: 3.108 min Scan# 64
Delta R.T. -0.003 min
Lab File: VV032962.D
Acq: 16 Nov 2023 08:35

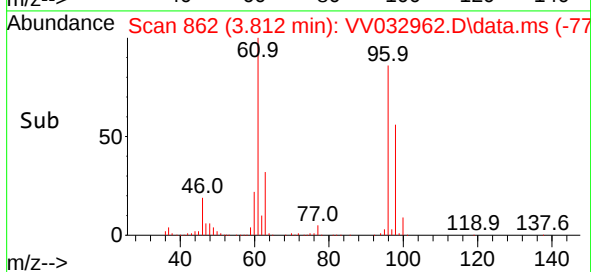
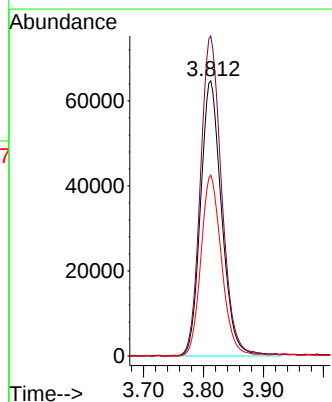
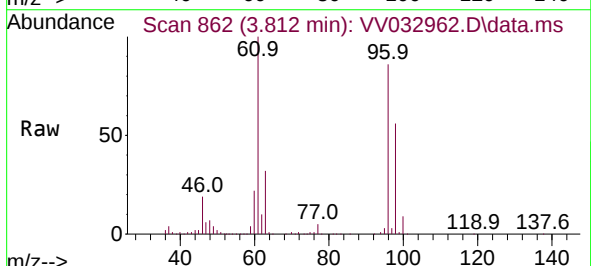
Instrument :
MSVOA_V
ClientSampleId :

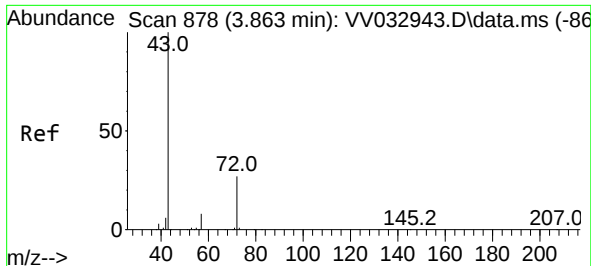
Tgt Ion: 63 Resp: 254762
Ion Ratio Lower Upper
63 100
65 32.0 22.0 41.0
83 13.5 9.7 18.1



#20
cis-1,2-Dichloroethene
Concen: 45.496 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.003 min
Lab File: VV032962.D
Acq: 16 Nov 2023 08:35

Tgt Ion: 96 Resp: 158429
Ion Ratio Lower Upper
96 100
61 116.3 83.5 155.1
98 65.7 44.0 81.8

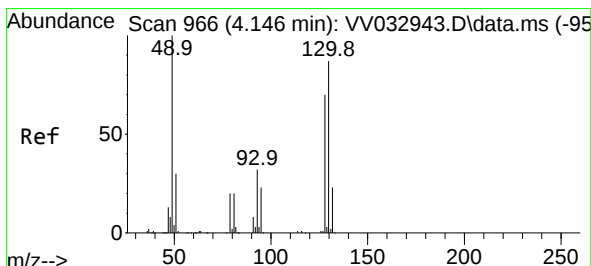
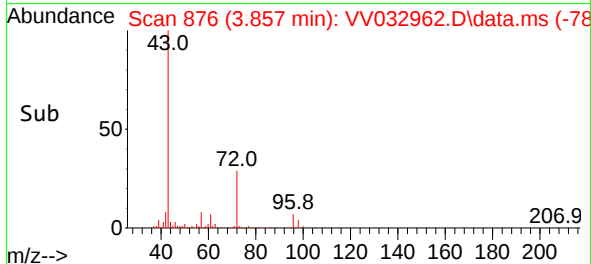
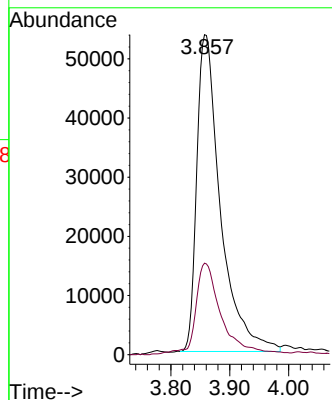
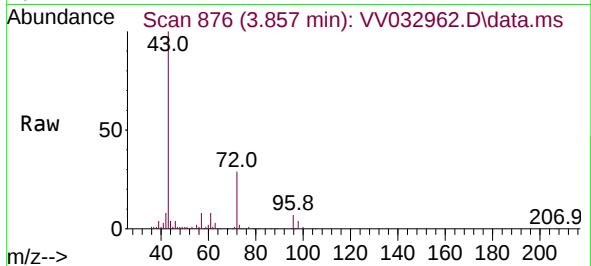




#22
2-Butanone
Concen: 72.073 ug/L
RT: 3.857 min Scan# 81
Delta R.T. -0.006 min
Lab File: VV032962.D
Acq: 16 Nov 2023 08:35

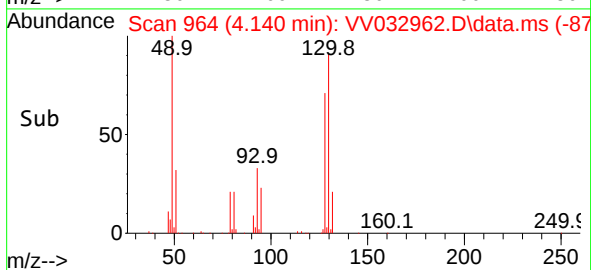
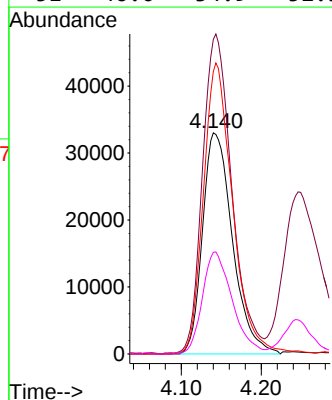
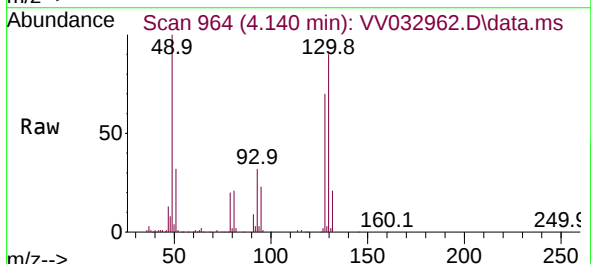
Instrument :
MSVOA_V
ClientSampleId :

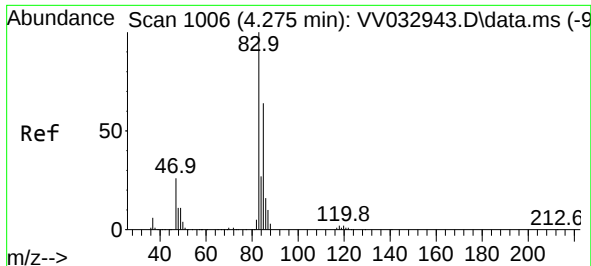
Tgt Ion: 43 Resp: 150037
Ion Ratio Lower Upper
43 100
72 26.4 14.0 41.9



#23
Bromochloromethane
Concen: 43.934 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.006 min
Lab File: VV032962.D
Acq: 16 Nov 2023 08:35

Tgt Ion:128 Resp: 85931
Ion Ratio Lower Upper
128 100
49 142.3 99.7 185.1
130 127.8 88.7 164.7
51 46.0 34.9 52.3

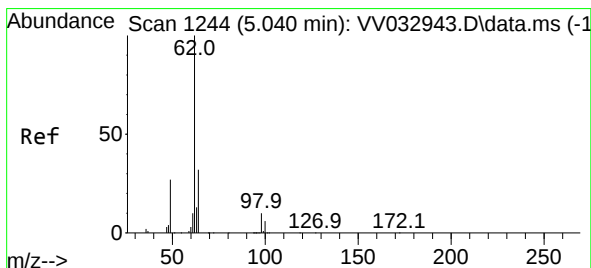
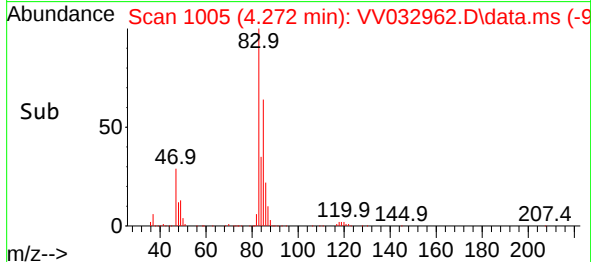
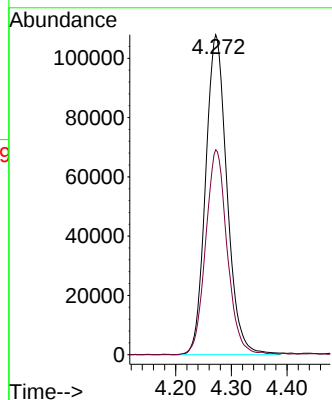
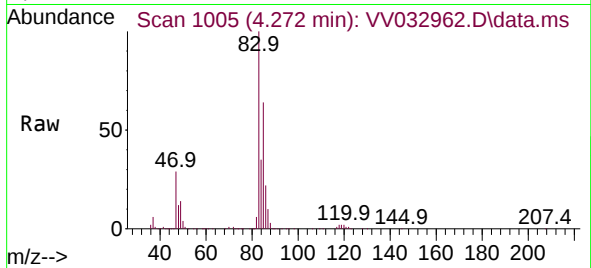




#25
Chloroform
Concen: 45.191 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. -0.003 min
Lab File: VV032962.D
Acq: 16 Nov 2023 08:35

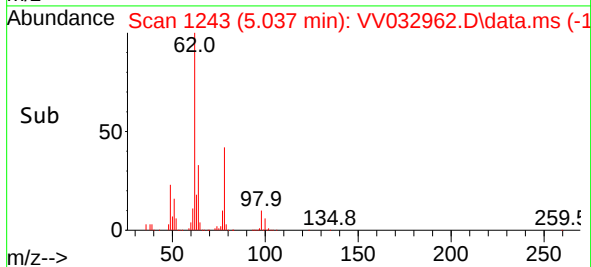
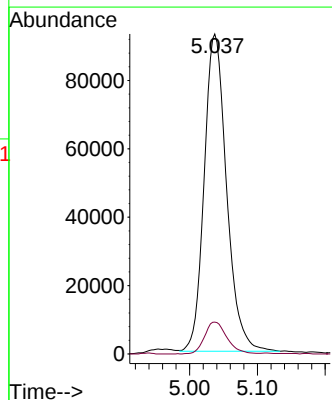
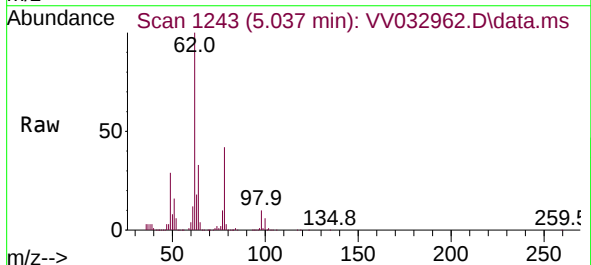
Instrument :
MSVOA_V
ClientSampleId :

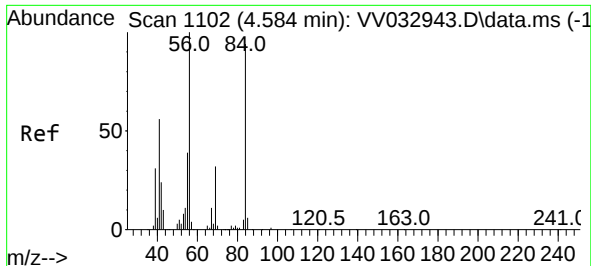
Tgt Ion: 83 Resp: 288072
Ion Ratio Lower Upper
83 100
85 64.1 45.5 84.5



#27
1,2-Dichloroethane
Concen: 44.293 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. -0.003 min
Lab File: VV032962.D
Acq: 16 Nov 2023 08:35

Tgt Ion: 62 Resp: 212982
Ion Ratio Lower Upper
62 100
98 10.0 8.0 12.0





#29

Cyclohexane

Concen: 47.003 ug/L

RT: 4.580 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV032962.D

Acq: 16 Nov 2023 08:35

Instrument :

MSVOA_V

ClientSampleId :

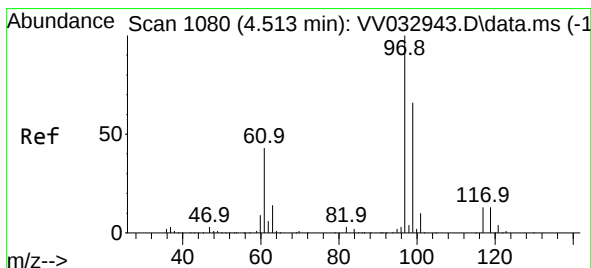
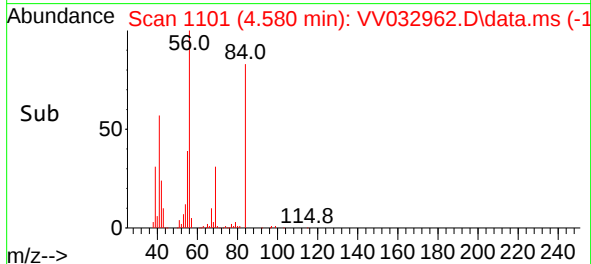
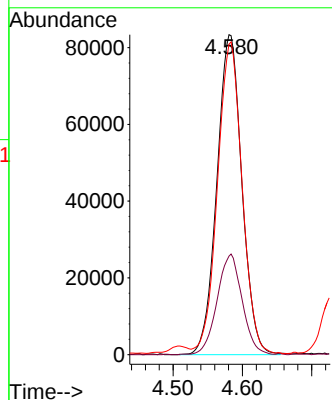
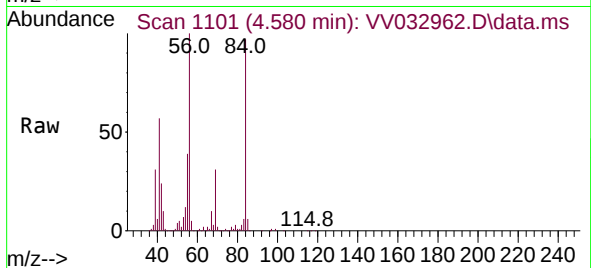
Tgt Ion: 56 Resp: 209114

Ion Ratio Lower Upper

56 100

69 30.9 24.7 37.1

84 95.5 76.6 115.0



#30

1,1,1-Trichloroethane

Concen: 46.384 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.003 min

Lab File: VV032962.D

Acq: 16 Nov 2023 08:35

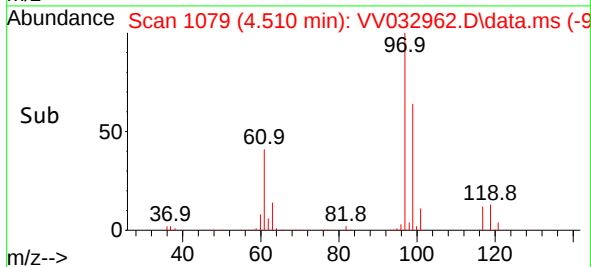
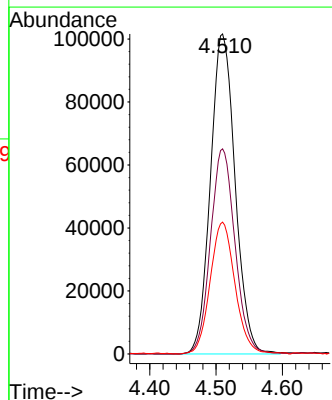
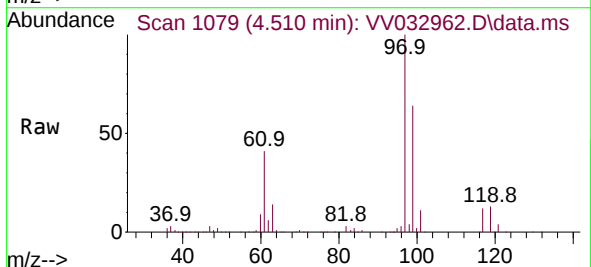
Tgt Ion: 97 Resp: 263158

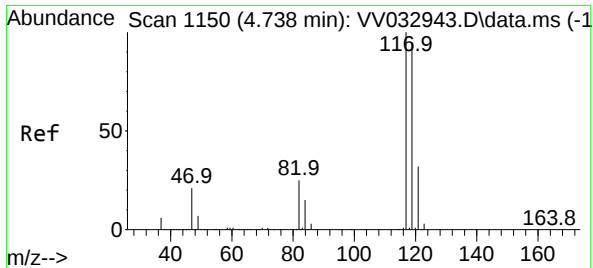
Ion Ratio Lower Upper

97 100

99 63.8 51.6 77.4

61 41.5 33.3 49.9

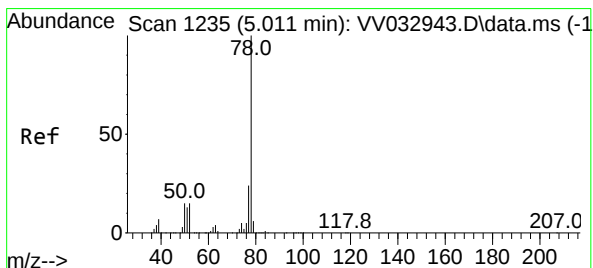
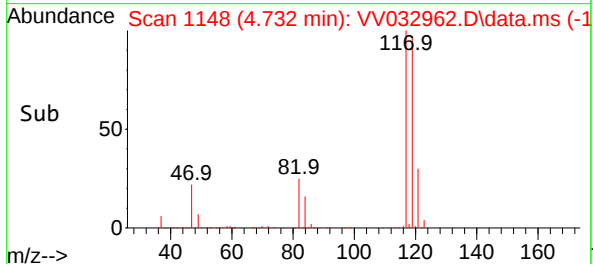
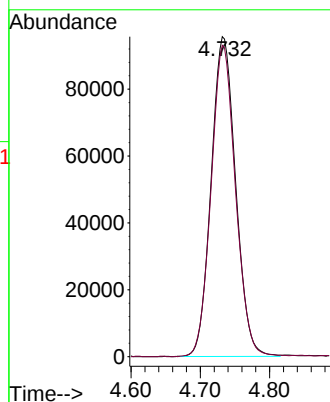
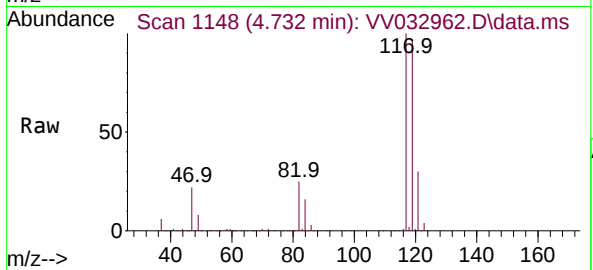




#31
Carbon tetrachloride
Concen: 46.277 ug/L
RT: 4.732 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VV032962.D
Acq: 16 Nov 2023 08:35

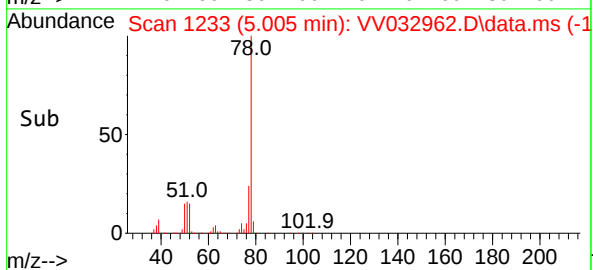
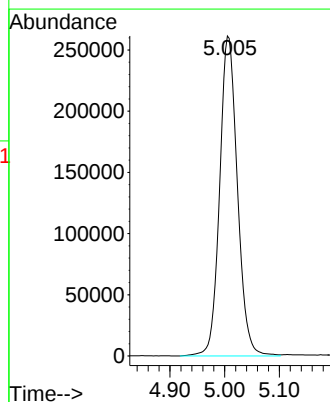
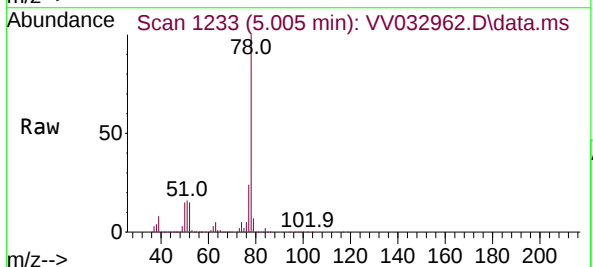
Instrument :
MSVOA_V
ClientSampleId :

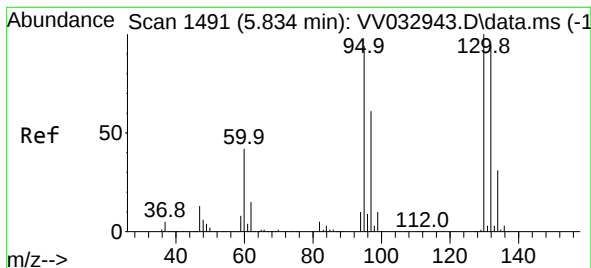
Tgt Ion:117 Resp: 234783
Ion Ratio Lower Upper
117 100
119 97.3 76.2 114.4



#33
Benzene
Concen: 46.893 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. -0.006 min
Lab File: VV032962.D
Acq: 16 Nov 2023 08:35

Tgt Ion: 78 Resp: 589609





#34

Trichloroethene

Concen: 47.144 ug/L

RT: 5.828 min Scan# 1491

Delta R.T. -0.006 min

Lab File: VV032962.D

Acq: 16 Nov 2023 08:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 161100

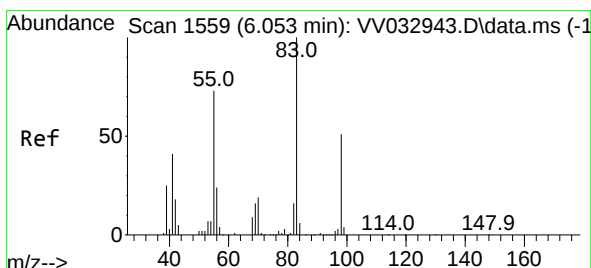
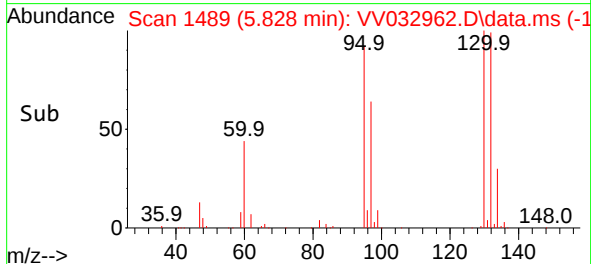
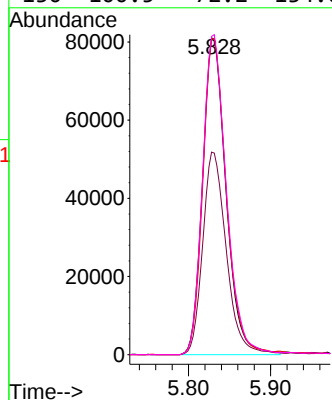
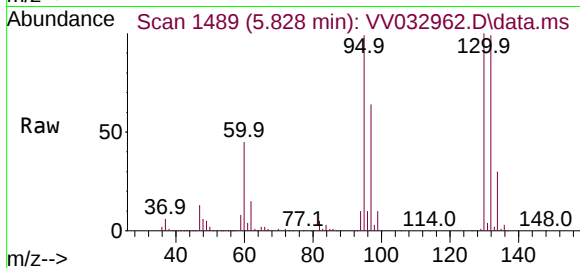
Ion Ratio Lower Upper

95 100

97 64.0 45.7 84.9

132 99.5 70.0 130.0

130 100.5 72.2 134.0



#35

Methylcyclohexane

Concen: 48.662 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.003 min

Lab File: VV032962.D

Acq: 16 Nov 2023 08:35

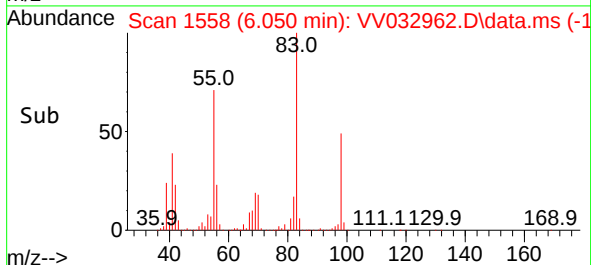
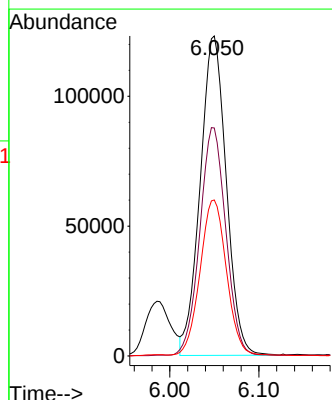
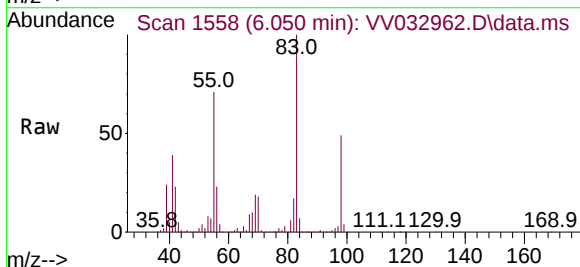
Tgt Ion: 83 Resp: 250604

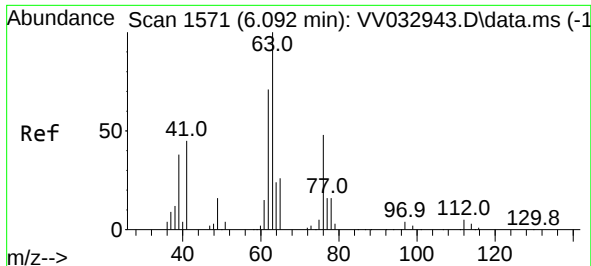
Ion Ratio Lower Upper

83 100

55 70.8 57.5 86.3

98 49.2 41.0 61.4





#37

1,2-Dichloropropane

Concen: 48.109 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV032962.D

Acq: 16 Nov 2023 08:35

Instrument :

MSVOA_V

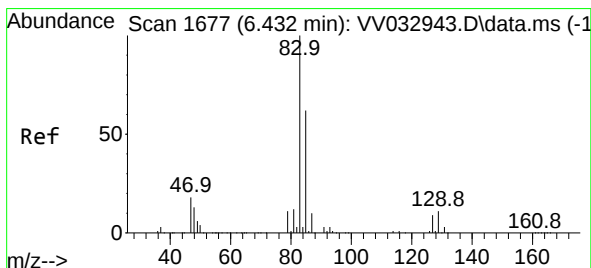
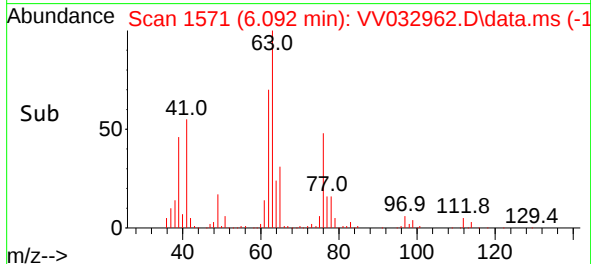
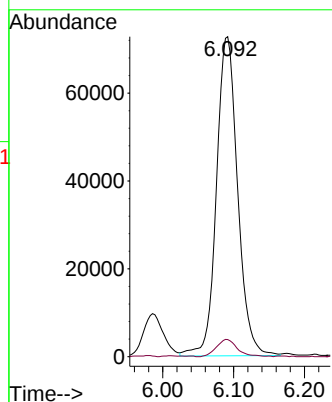
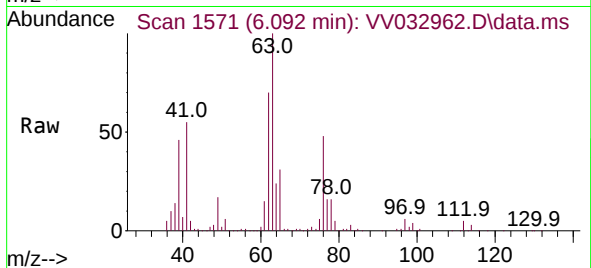
ClientSampleId :

Tgt Ion: 63 Resp: 151065

Ion Ratio Lower Upper

63 100

112 5.2 4.2 6.4



#38

Bromodichloromethane

Concen: 45.741 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. -0.003 min

Lab File: VV032962.D

Acq: 16 Nov 2023 08:35

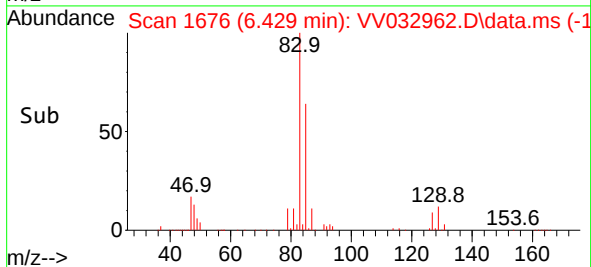
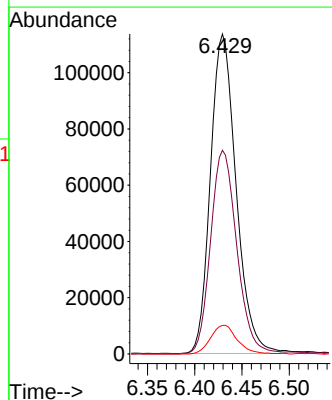
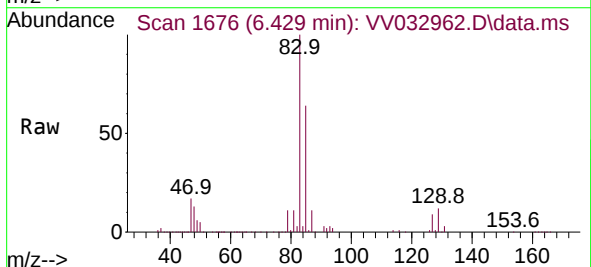
Tgt Ion: 83 Resp: 214256

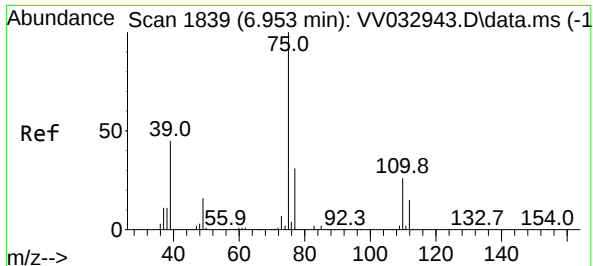
Ion Ratio Lower Upper

83 100

85 63.6 45.1 83.7

127 8.9 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 48.551 ug/L

RT: 6.950 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV032962.D

Acq: 16 Nov 2023 08:35

Instrument :

MSVOA_V

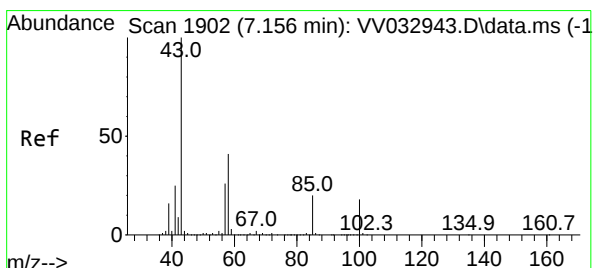
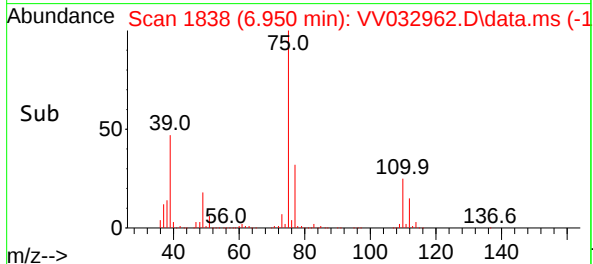
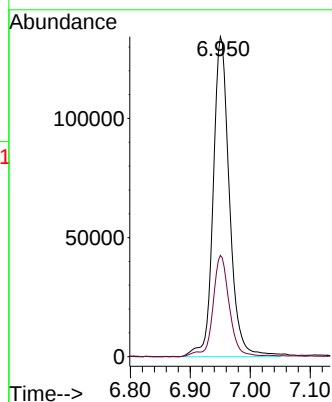
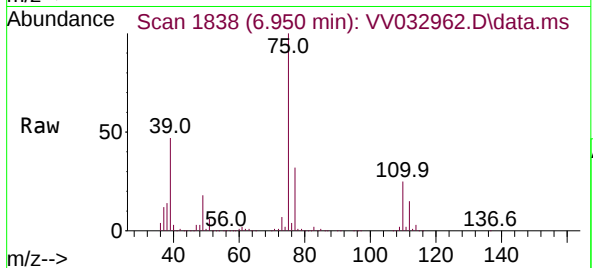
ClientSampleId :

Tgt Ion: 75 Resp: 253547

Ion Ratio Lower Upper

75 100

77 31.6 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 85.565 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. -0.003 min

Lab File: VV032962.D

Acq: 16 Nov 2023 08:35

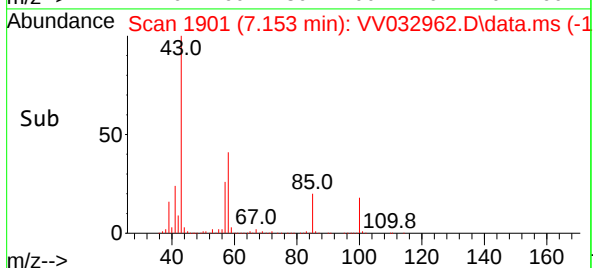
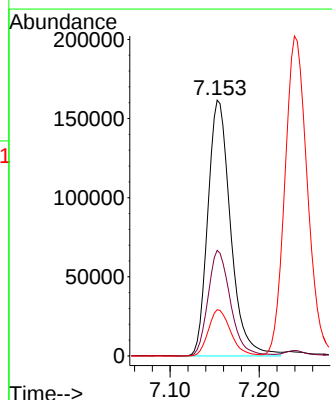
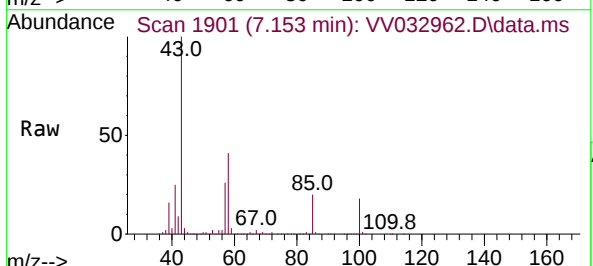
Tgt Ion: 43 Resp: 286522

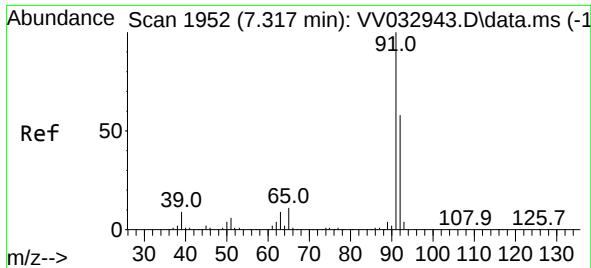
Ion Ratio Lower Upper

43 100

58 40.8 32.6 49.0

100 17.7 14.2 21.4

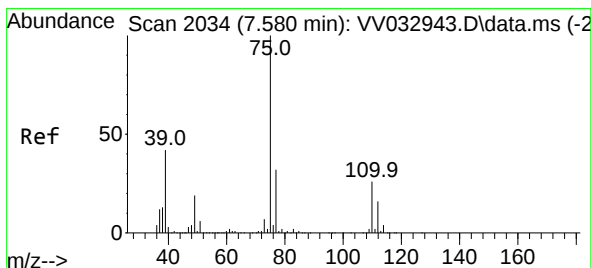
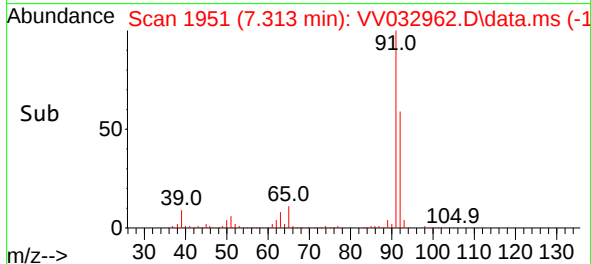
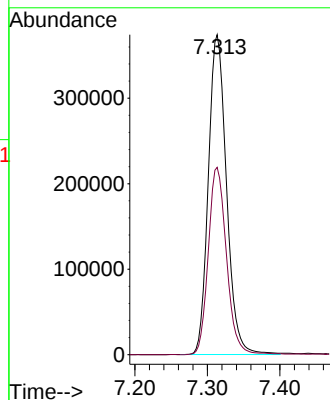
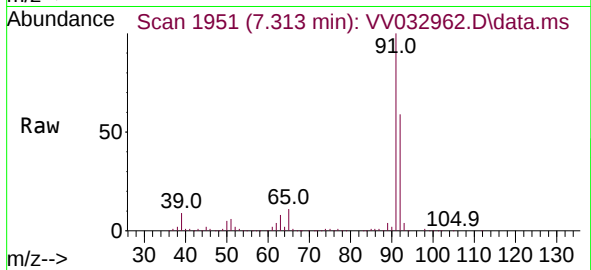




#42
Toluene
Concen: 47.541 ug/L
RT: 7.313 min Scan# 1952
Delta R.T. -0.003 min
Lab File: VV032962.D
Acq: 16 Nov 2023 08:35

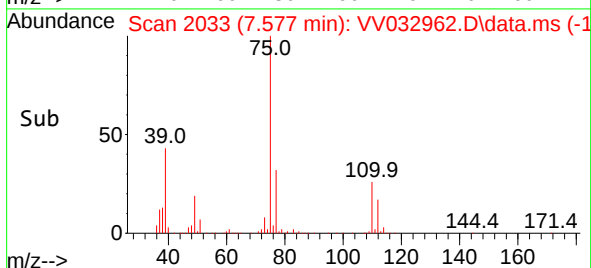
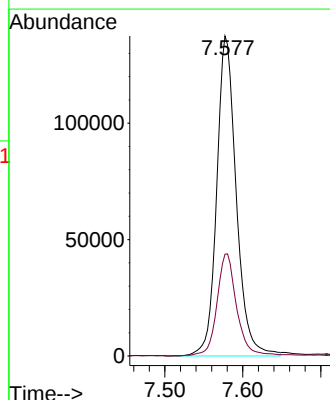
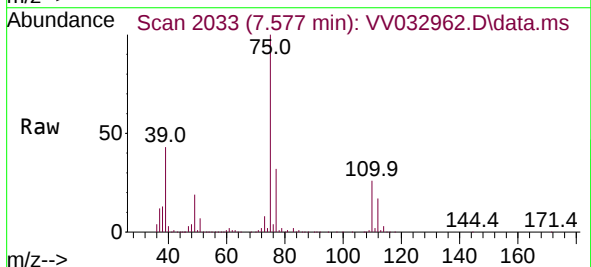
Instrument :
MSVOA_V
ClientSampleId :

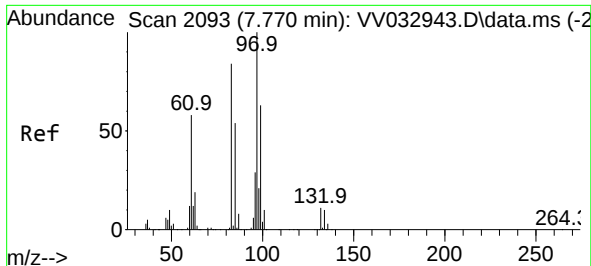
Tgt Ion: 91 Resp: 652283
Ion Ratio Lower Upper
91 100
92 58.6 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 47.247 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. -0.003 min
Lab File: VV032962.D
Acq: 16 Nov 2023 08:35

Tgt Ion: 75 Resp: 239666
Ion Ratio Lower Upper
75 100
77 31.8 22.3 41.3

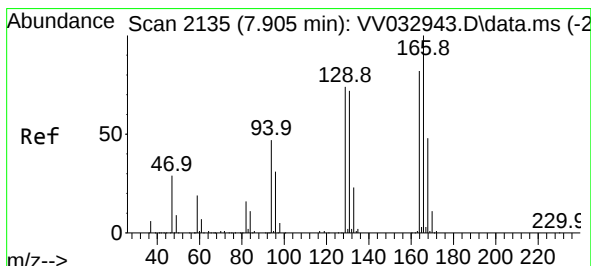
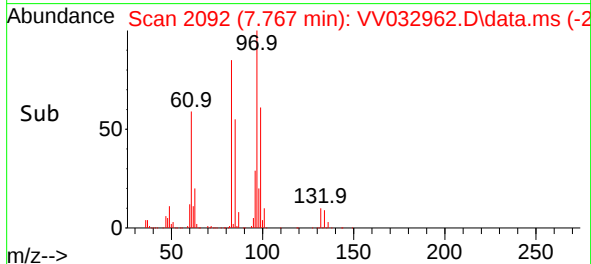
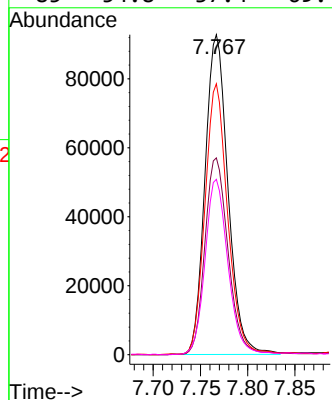
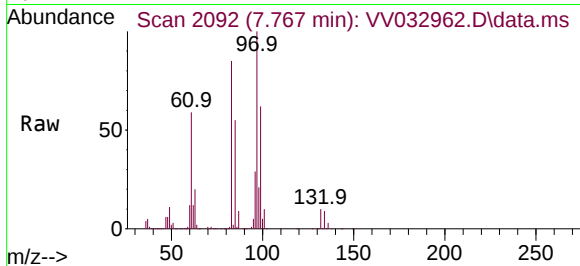




#45
1,1,2-Trichloroethane
Concen: 44.957 ug/L
RT: 7.767 min Scan# 2093
Delta R.T. -0.003 min
Lab File: VV032962.D
Acq: 16 Nov 2023 08:35

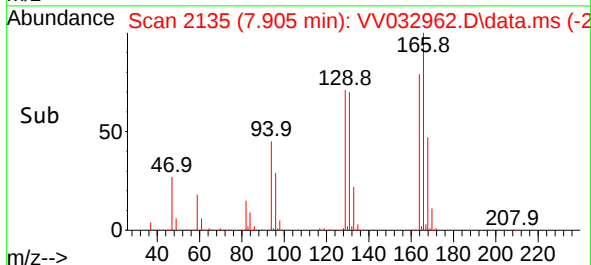
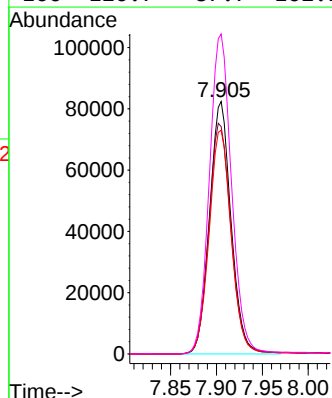
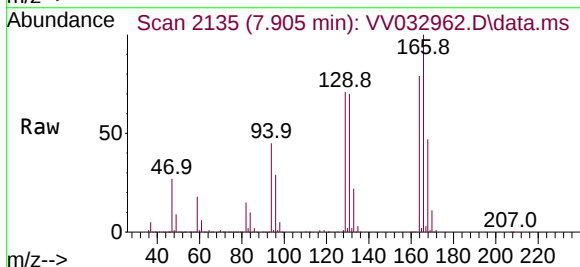
Instrument :
MSVOA_V
ClientSampleId :

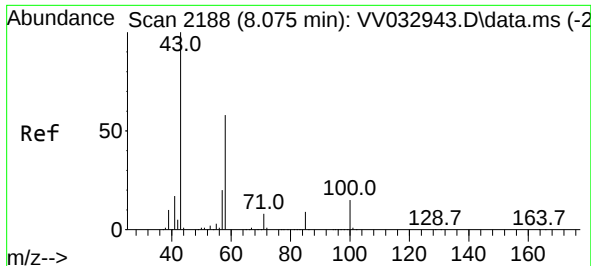
Tgt Ion:	97	Resp:	156653
Ion	Ratio	Lower	Upper
97	100		
99	61.5	42.8	79.4
83	84.6	57.4	106.6
85	54.8	37.4	69.4



#46
Tetrachloroethene
Concen: 46.004 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV032962.D
Acq: 16 Nov 2023 08:35

Tgt Ion:	164	Resp:	135233
Ion	Ratio	Lower	Upper
164	100		
129	90.0	64.2	119.2
131	88.5	63.5	117.9
166	126.7	87.7	162.9

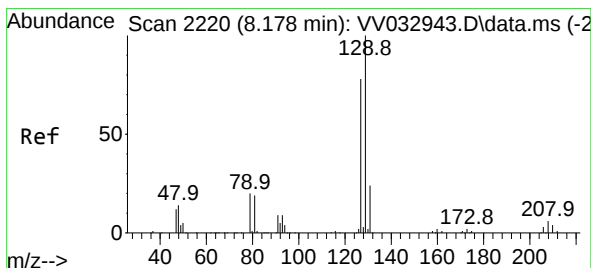
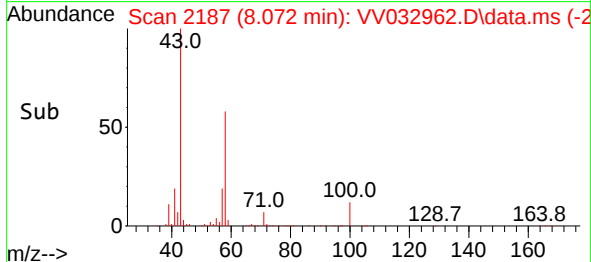
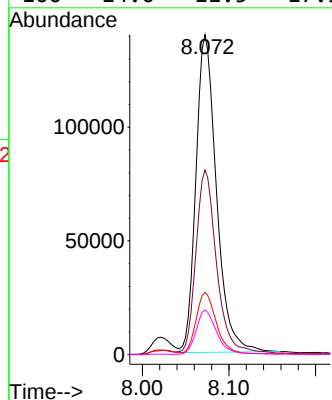
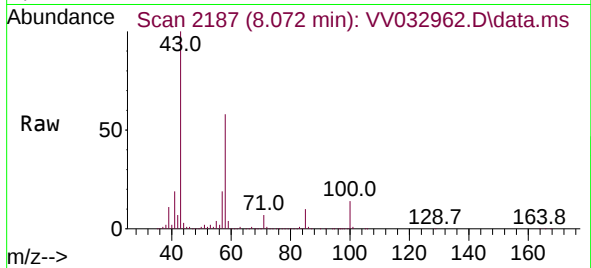




#48
2-Hexanone
Concen: 78.977 ug/L
RT: 8.072 min Scan# 2188
Delta R.T. -0.003 min
Lab File: VV032962.D
Acq: 16 Nov 2023 08:35

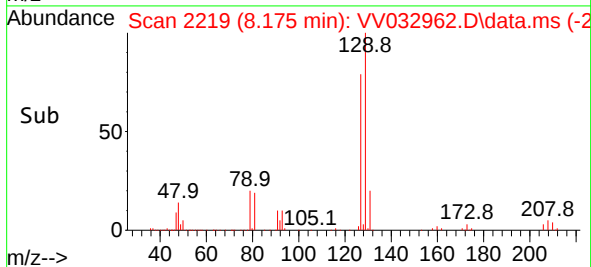
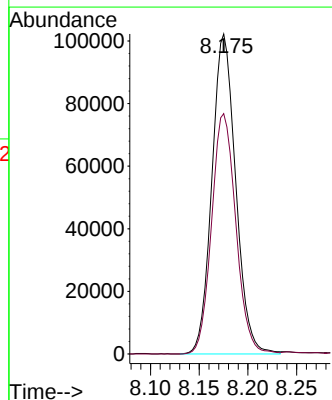
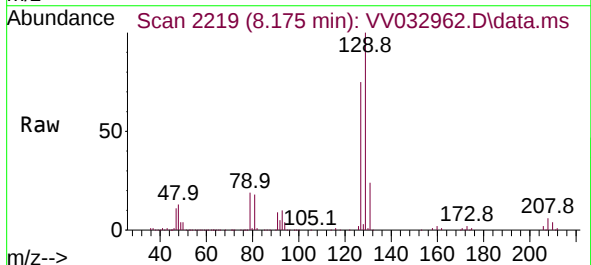
Instrument :
MSVOA_V
ClientSampleId :

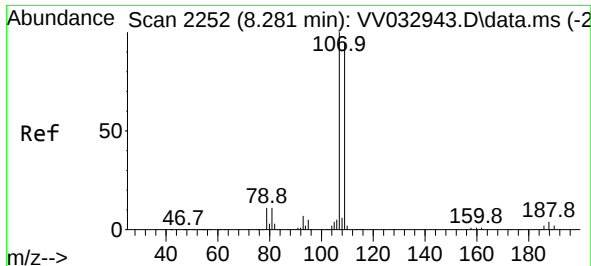
Tgt Ion: 43 Resp: 230408
Ion Ratio Lower Upper
43 100
58 57.9 44.8 67.2
57 18.9 15.2 22.8
100 14.0 11.5 17.3



#49
Dibromochloromethane
Concen: 46.283 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.003 min
Lab File: VV032962.D
Acq: 16 Nov 2023 08:35

Tgt Ion: 129 Resp: 173740
Ion Ratio Lower Upper
129 100
127 75.1 55.1 102.3





#50

1,2-Dibromoethane

Concen: 45.202 ug/L

RT: 8.281 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV032962.D

Acq: 16 Nov 2023 08:35

Instrument :

MSVOA_V

ClientSampleId :

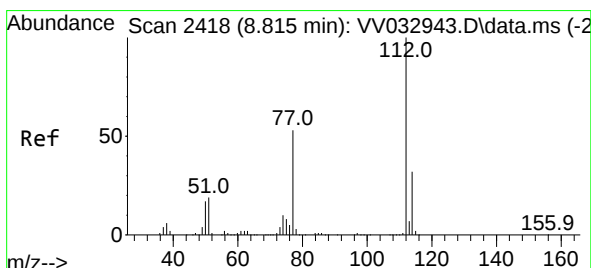
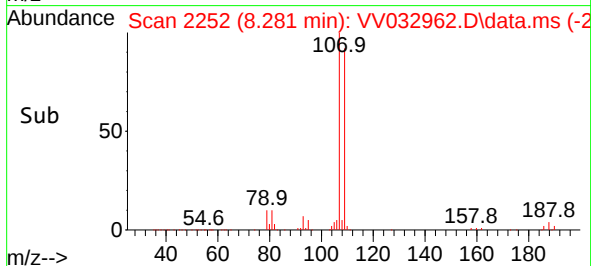
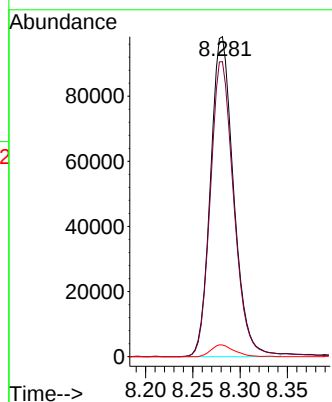
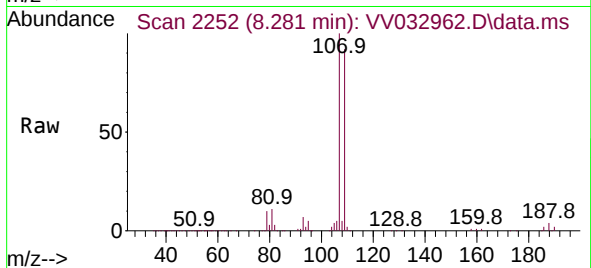
Tgt Ion:107 Resp: 167650

Ion Ratio Lower Upper

107 100

109 92.2 66.3 123.1

188 3.7 3.1 4.7



#51

Chlorobenzene

Concen: 45.819 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.003 min

Lab File: VV032962.D

Acq: 16 Nov 2023 08:35

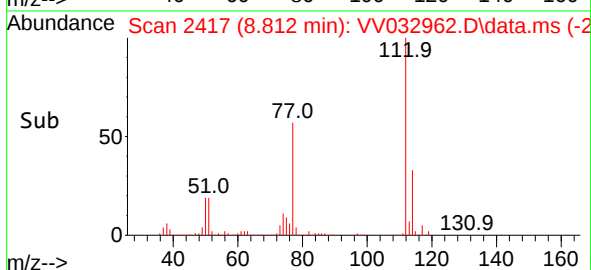
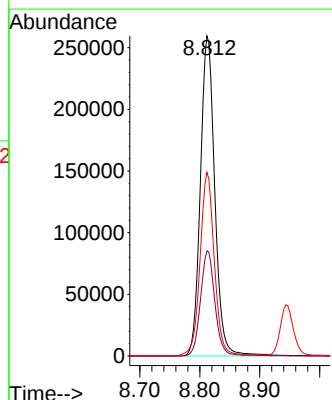
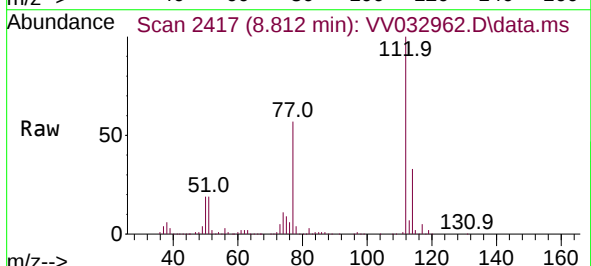
Tgt Ion:112 Resp: 435492

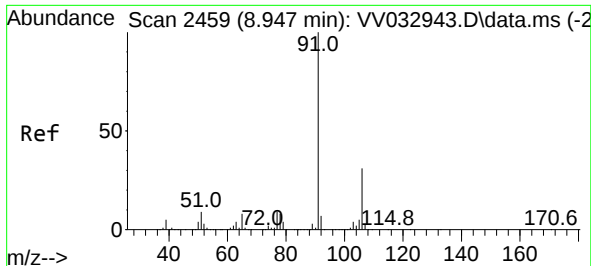
Ion Ratio Lower Upper

112 100

114 32.8 22.1 41.1

77 57.3 44.2 66.2

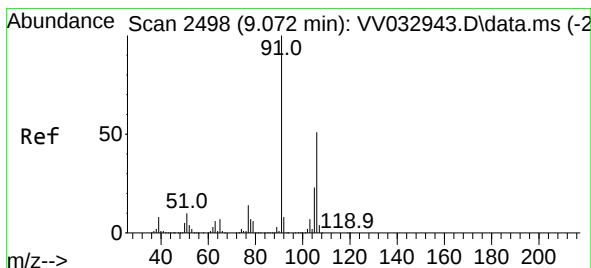
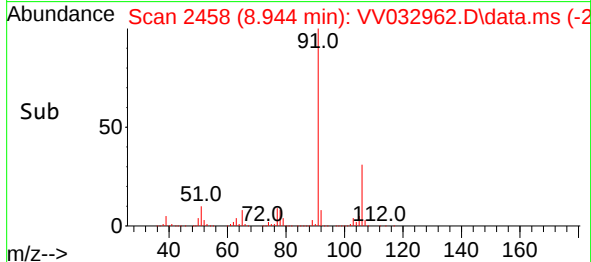
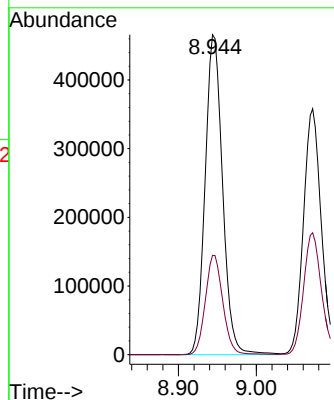
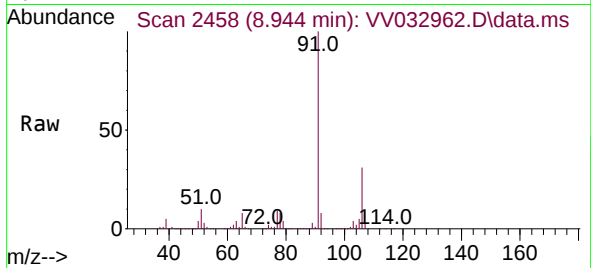




#52
Ethylbenzene
Concen: 47.660 ug/L
RT: 8.944 min Scan# 2459
Delta R.T. -0.003 min
Lab File: VV032962.D
Acq: 16 Nov 2023 08:35

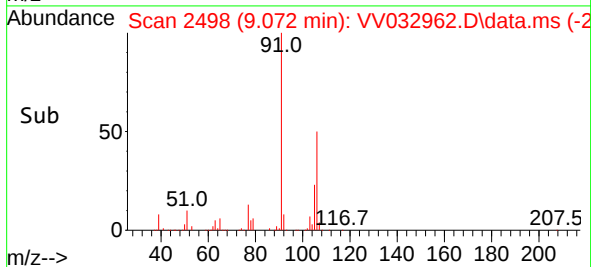
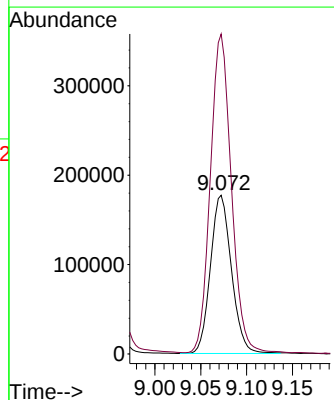
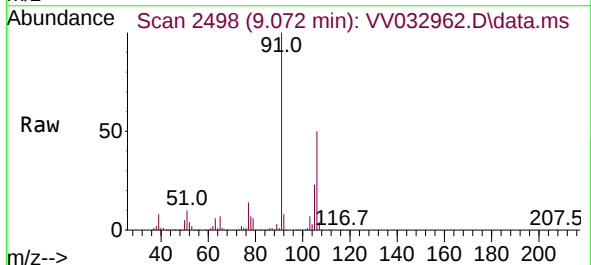
Instrument :
MSVOA_V
ClientSampleId :

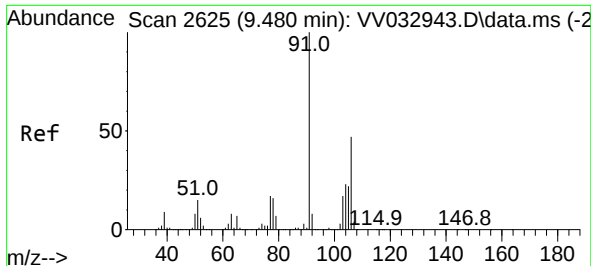
Tgt Ion: 91 Resp: 724191
Ion Ratio Lower Upper
91 100
106 31.1 21.6 40.0



#53
m,p-Xylene
Concen: 48.251 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV032962.D
Acq: 16 Nov 2023 08:35

Tgt Ion:106 Resp: 281910
Ion Ratio Lower Upper
106 100
91 201.7 137.5 255.4

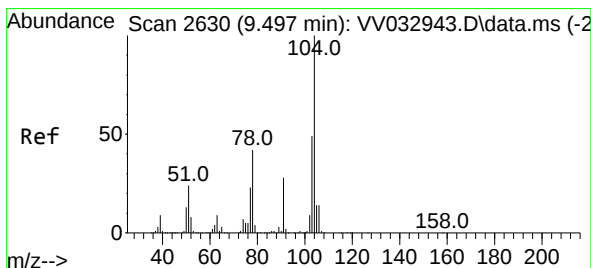
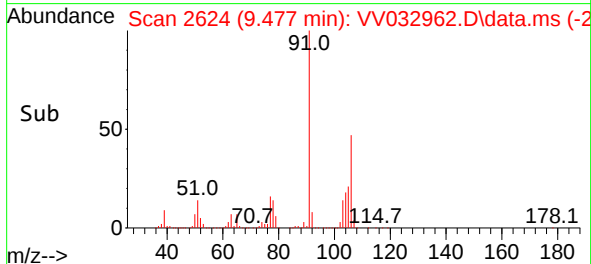
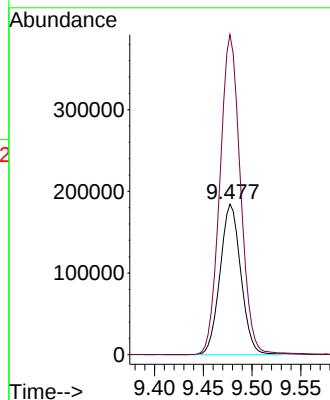
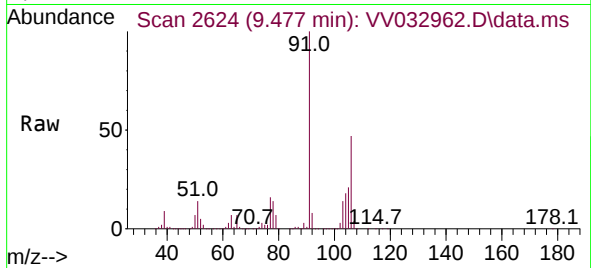




#54
o-Xylene
Concen: 48.618 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.003 min
Lab File: VV032962.D
Acq: 16 Nov 2023 08:35

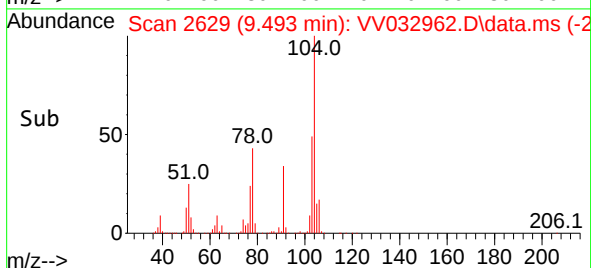
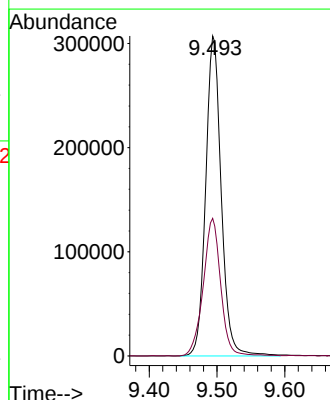
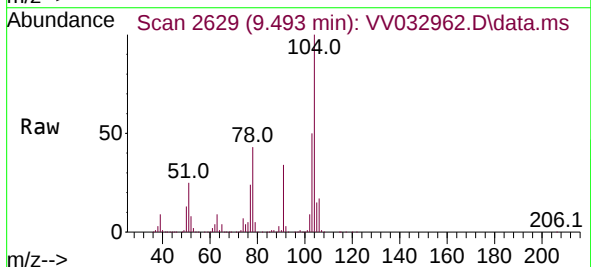
Instrument :
MSVOA_V
ClientSampleId :

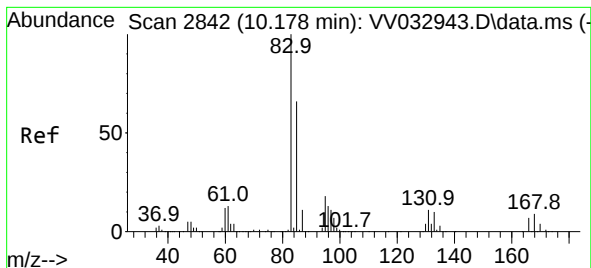
Tgt Ion:106 Resp: 273892
Ion Ratio Lower Upper
106 100
91 212.6 151.6 281.6



#55
Styrene
Concen: 49.335 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.003 min
Lab File: VV032962.D
Acq: 16 Nov 2023 08:35

Tgt Ion:104 Resp: 490232
Ion Ratio Lower Upper
104 100
78 43.0 29.8 55.4





#57

1,1,2,2-Tetrachloroethane

Concen: 43.036 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. 0.000 min

Lab File: VV032962.D

Acq: 16 Nov 2023 08:35

Instrument :

MSVOA_V

ClientSampleId :

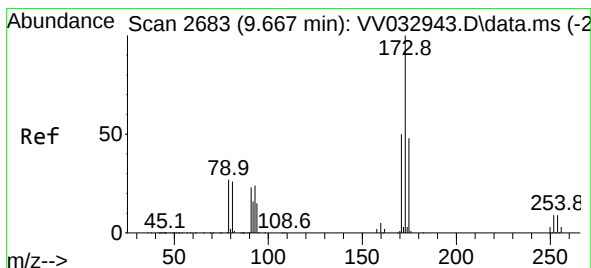
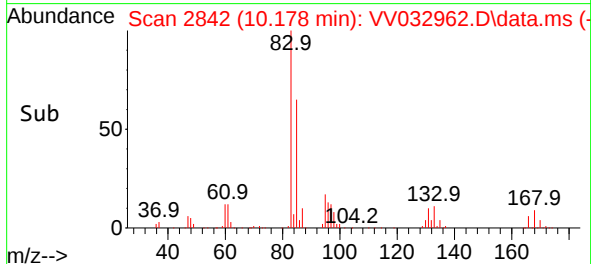
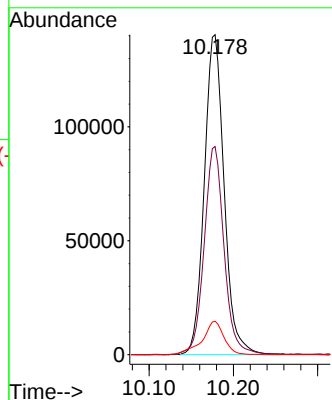
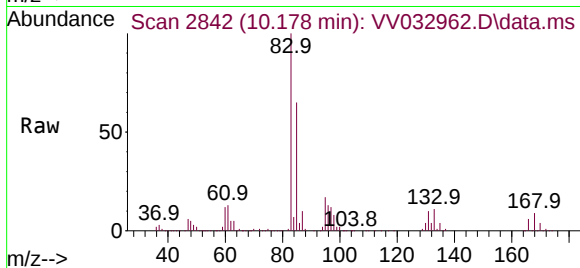
Tgt Ion: 83 Resp: 230704

Ion Ratio Lower Upper

83 100

85 65.1 44.7 83.1

131 10.4 8.7 13.1



#59

Bromoform

Concen: 45.790 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. -0.003 min

Lab File: VV032962.D

Acq: 16 Nov 2023 08:35

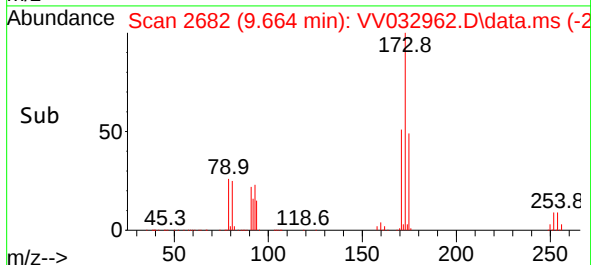
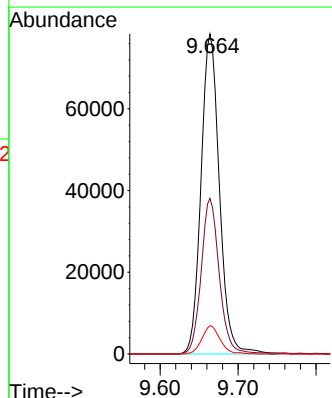
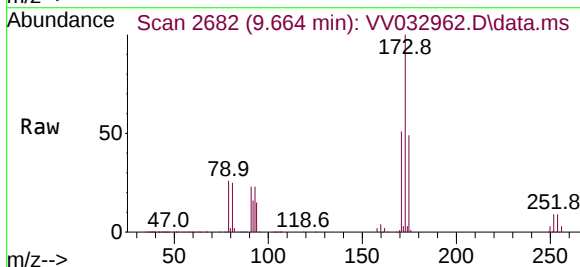
Tgt Ion: 173 Resp: 128414

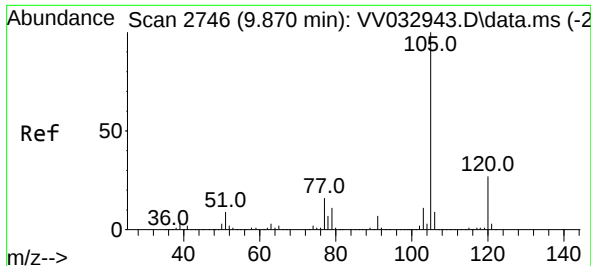
Ion Ratio Lower Upper

173 100

175 47.6 39.0 58.4

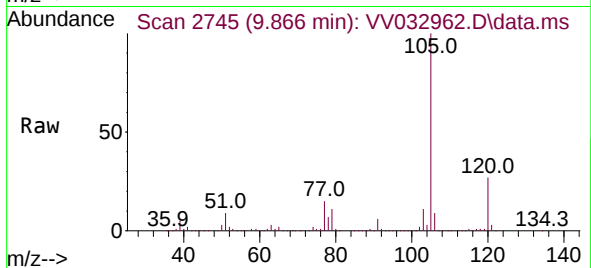
254 8.6 7.0 10.6



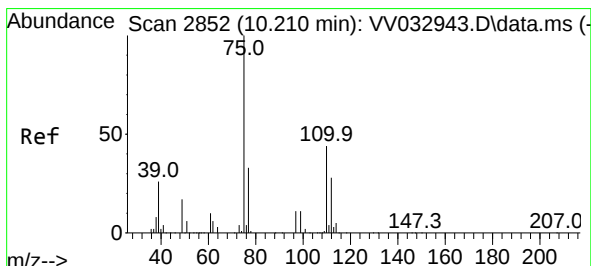
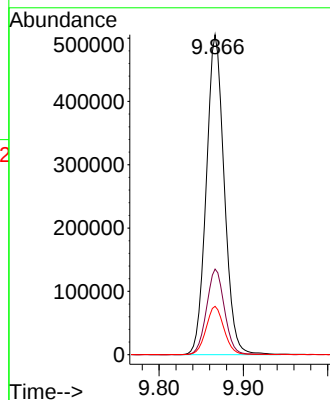
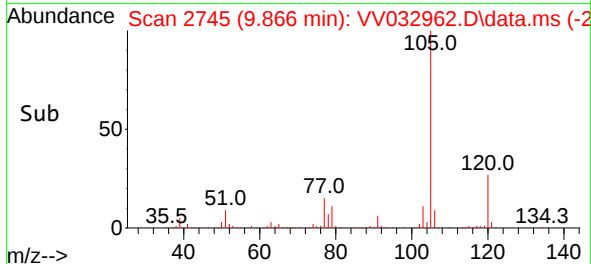


#60
Isopropylbenzene
Concen: 48.049 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV032962.D
Acq: 16 Nov 2023 08:35

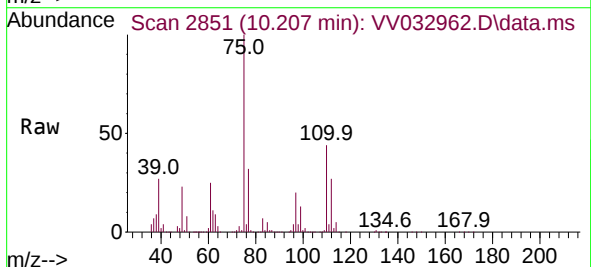
Instrument :
MSVOA_V
ClientSampleId :



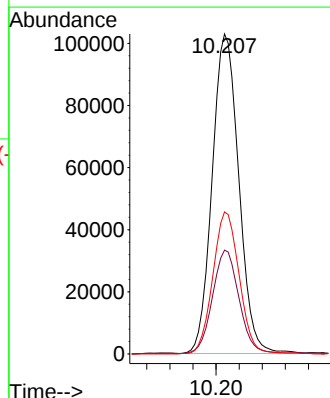
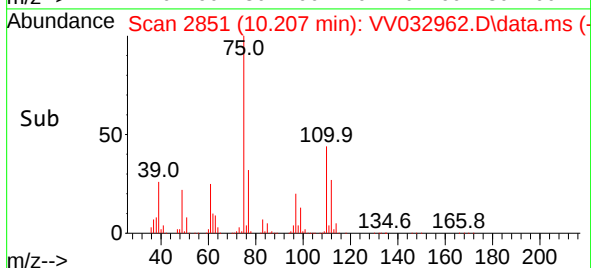
Tgt Ion:105 Resp: 749808
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.2
77 15.1 12.1 18.1

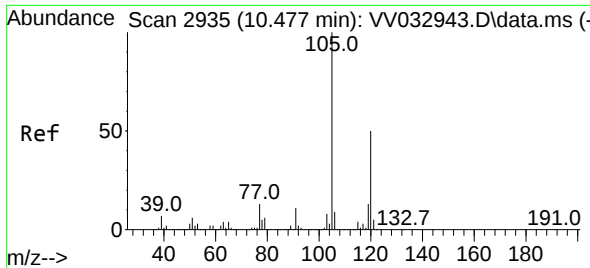


#61
1,2,3-Trichloropropane
Concen: 42.491 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.003 min
Lab File: VV032962.D
Acq: 16 Nov 2023 08:35



Tgt Ion: 75 Resp: 163962
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.6
110 44.2 34.6 52.0

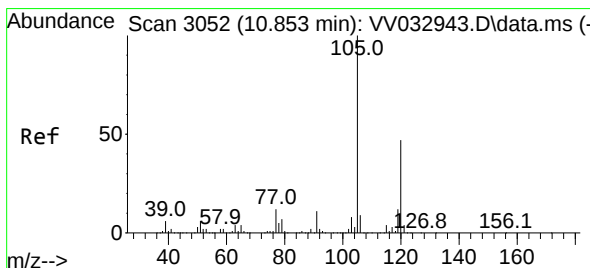
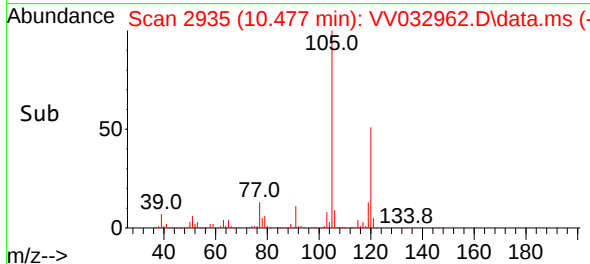
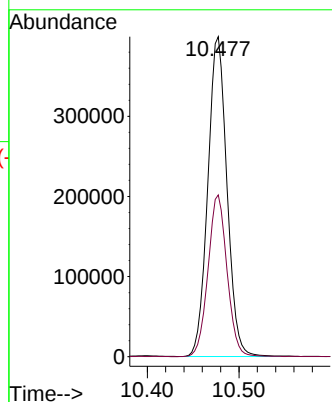
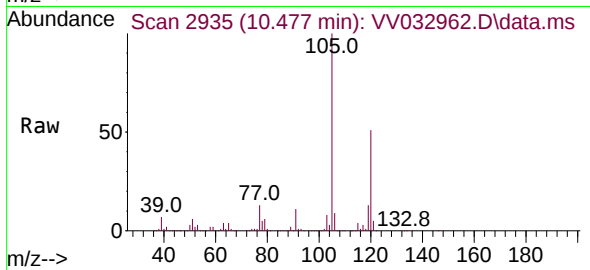




#62
 1,3,5-Trimethylbenzene
 Concen: 48.865 ug/L
 RT: 10.477 min Scan# 2935
 Delta R.T. 0.000 min
 Lab File: VV032962.D
 Acq: 16 Nov 2023 08:35

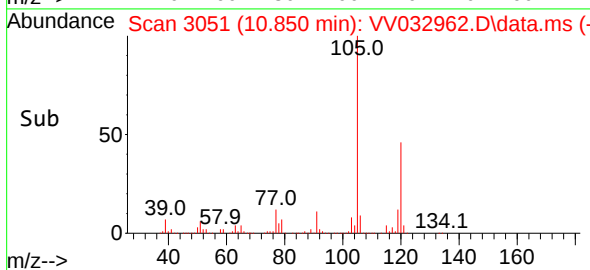
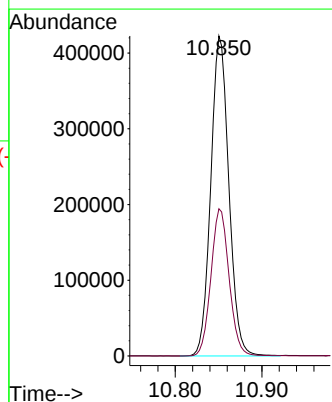
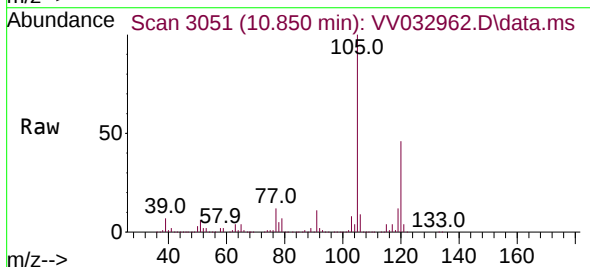
Instrument :
 MSVOA_V
 ClientSampleId :

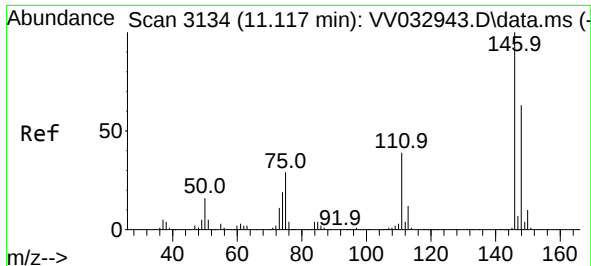
Tgt Ion:105 Resp: 578465
 Ion Ratio Lower Upper
 105 100
 120 50.3 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 49.482 ug/L
 RT: 10.850 min Scan# 3051
 Delta R.T. -0.003 min
 Lab File: VV032962.D
 Acq: 16 Nov 2023 08:35

Tgt Ion:105 Resp: 612481
 Ion Ratio Lower Upper
 105 100
 120 46.3 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 46.742 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VV032962.D

Acq: 16 Nov 2023 08:35

Instrument :

MSVOA_V

ClientSampleId :

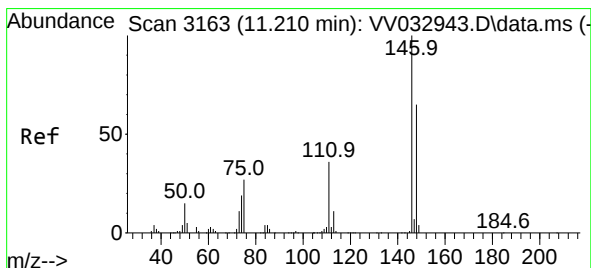
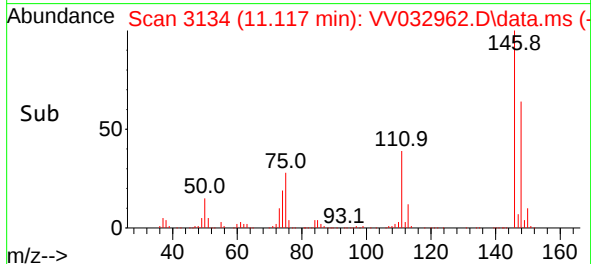
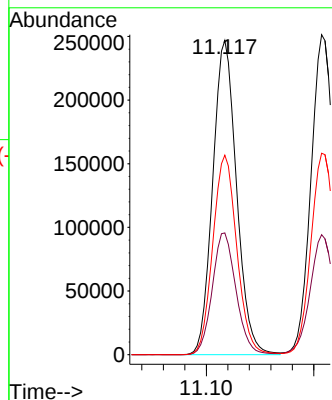
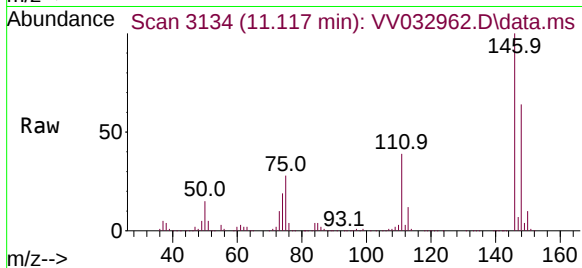
Tgt Ion:146 Resp: 380434

Ion Ratio Lower Upper

146 100

111 38.7 26.9 49.9

148 63.5 43.6 81.0



#65

1,4-Dichlorobenzene

Concen: 44.989 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.003 min

Lab File: VV032962.D

Acq: 16 Nov 2023 08:35

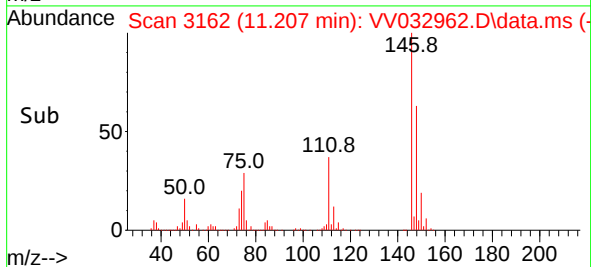
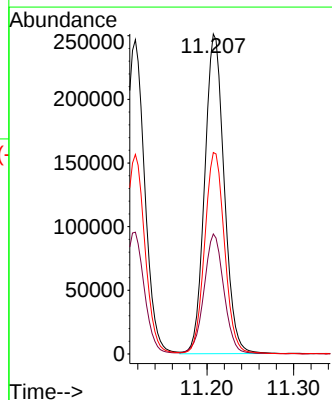
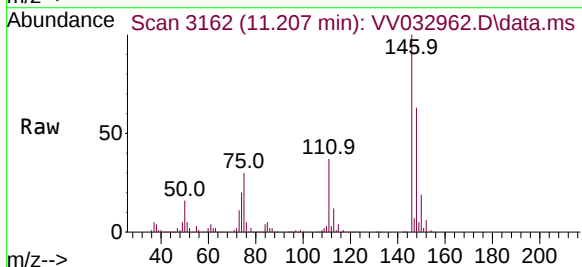
Tgt Ion:146 Resp: 392705

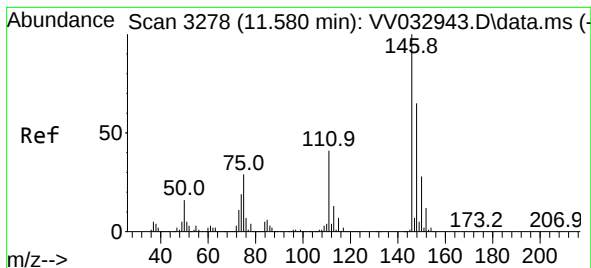
Ion Ratio Lower Upper

146 100

111 37.5 25.5 47.3

148 63.0 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 45.396 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032962.D

Acq: 16 Nov 2023 08:35

Instrument :

MSVOA_V

ClientSampleId :

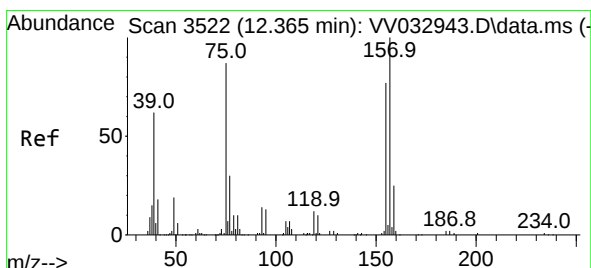
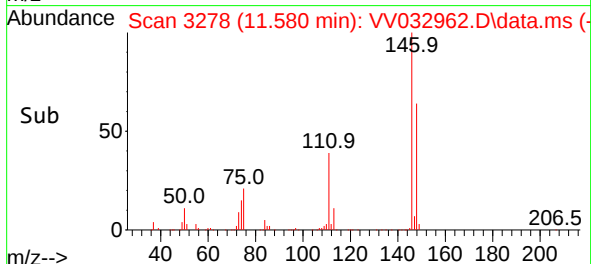
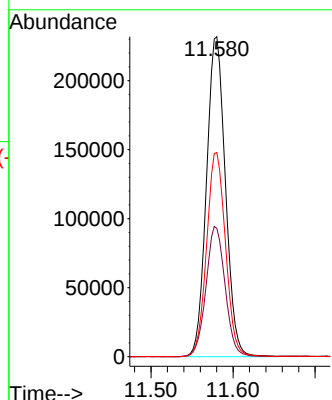
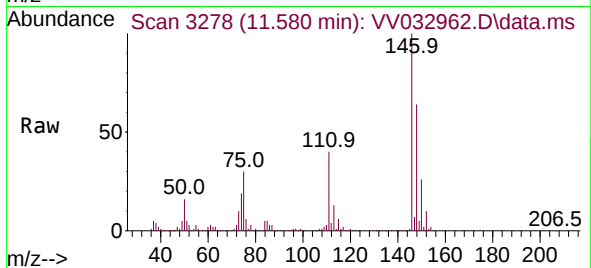
Tgt Ion:146 Resp: 371545

Ion Ratio Lower Upper

146 100

111 40.1 31.1 46.7

148 63.8 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 39.647 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.000 min

Lab File: VV032962.D

Acq: 16 Nov 2023 08:35

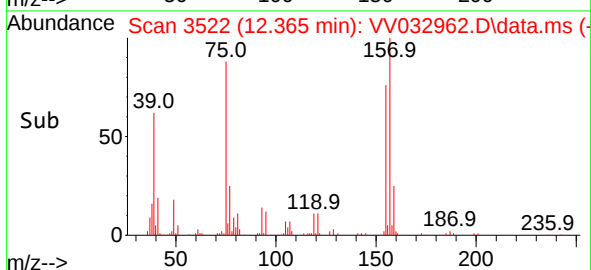
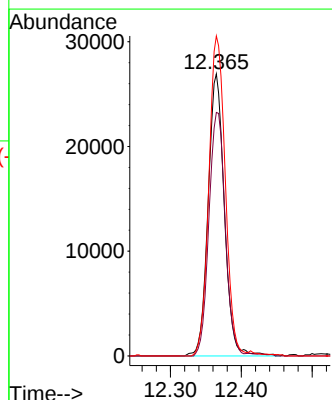
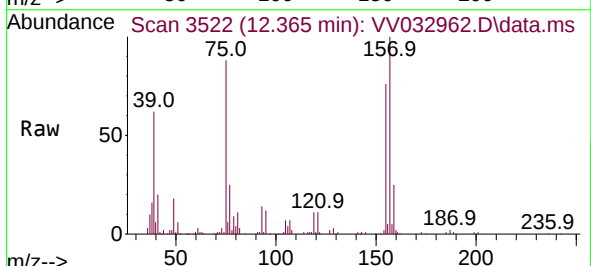
Tgt Ion: 75 Resp: 42755

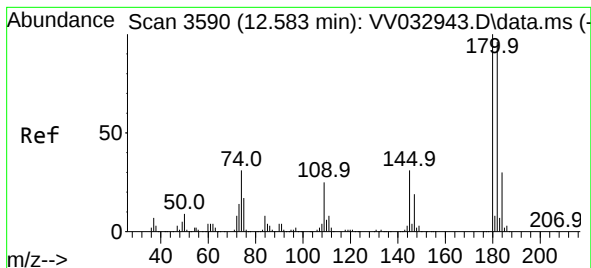
Ion Ratio Lower Upper

75 100

155 86.4 76.8 115.2

157 113.5 97.6 146.4





#69

1,3,5-Trichlorobenzene

Concen: 46.274 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.000 min

Lab File: VV032962.D

Acq: 16 Nov 2023 08:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 282568

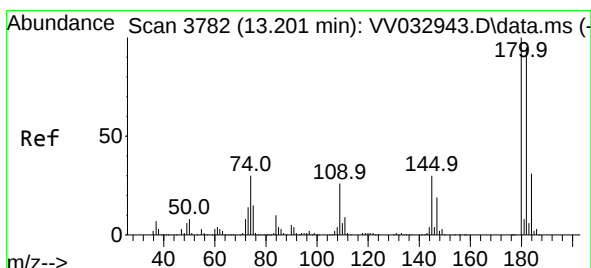
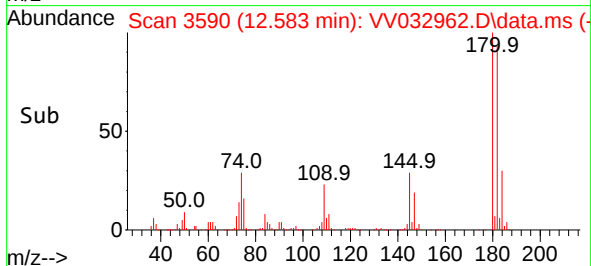
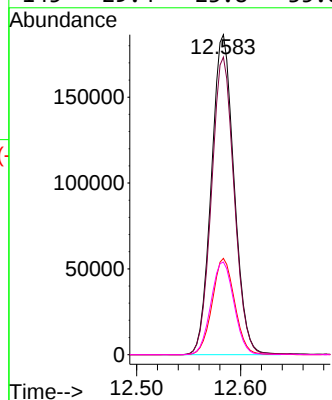
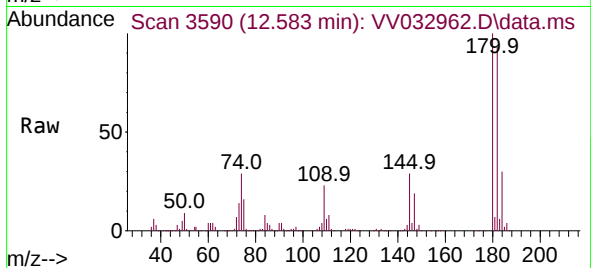
Ion Ratio Lower Upper

180 100

182 93.2 75.9 113.9

184 29.7 24.6 36.8

145 29.4 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 46.238 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. -0.003 min

Lab File: VV032962.D

Acq: 16 Nov 2023 08:35

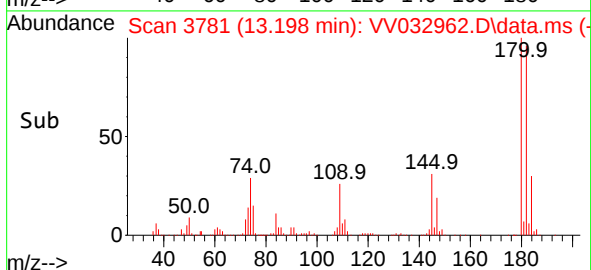
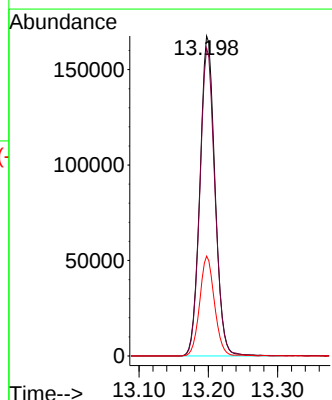
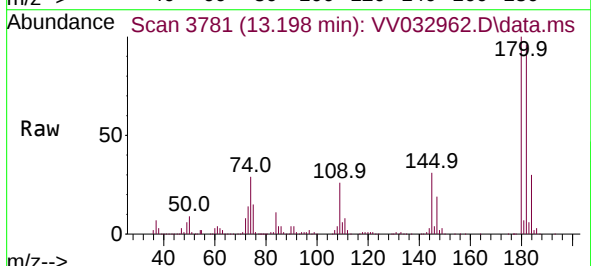
Tgt Ion:180 Resp: 253628

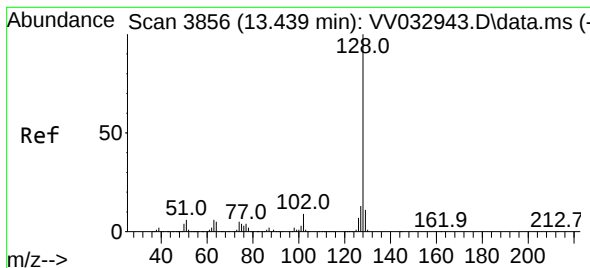
Ion Ratio Lower Upper

180 100

182 96.0 77.0 115.4

145 30.4 24.3 36.5





#71

Naphthalene

Concen: 43.458 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. 0.000 min

Lab File: VV032962.D

Acq: 16 Nov 2023 08:35

Instrument :

MSVOA_V

ClientSampleId :

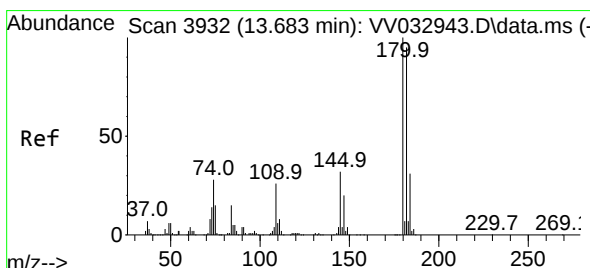
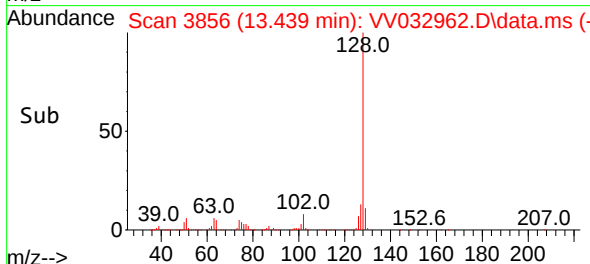
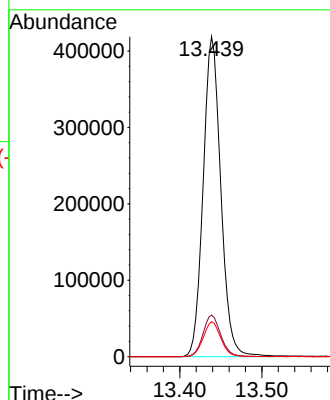
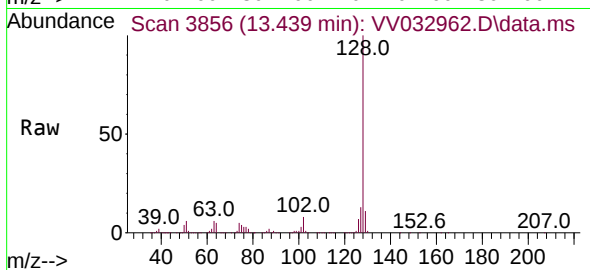
Tgt Ion:128 Resp: 626441

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 45.553 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.003 min

Lab File: VV032962.D

Acq: 16 Nov 2023 08:35

Tgt Ion:180 Resp: 251474

Ion Ratio Lower Upper

180 100

182 96.2 76.9 115.3

145 33.2 26.1 39.1

