

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110623\
 Data File : VW032855.D
 Acq On : 06 Nov 2023 15:58
 Operator : SY/MD
 Sample : 05259-02MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 07 01:37:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 07 01:35:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	336600	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	380246	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	216717	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	113443	35.434	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.860%
7) Chloroethane-d5	1.532	69	108514	40.527	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.060%
11) 1,1-Dichloroethene-d2	2.060	65	51209	38.725	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.460%
21) 2-Butanone-d5	3.786	46	144470	104.035	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.040%
24) Chloroform-d	4.253	84	243272	47.606	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.220%
26) 1,2-Dichloroethane-d4	4.944	65	153227	48.245	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.500%
32) Benzene-d6	4.963	84	439220	44.925	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.860%
36) 1,2-Dichloropropane-d6	5.989	67	135231	45.529	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.060%
41) Toluene-d8	7.246	98	445965	46.326	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.660%
43) trans-1,3-Dichloroprop...	7.555	79	73279	47.371	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.740%
47) 2-Hexanone-d5	8.027	63	113960	105.096	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.100%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	227168	50.401	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	196359	47.018	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	125072	42.229	ug/L	100
3) Chloromethane	1.217	50	122409	42.721	ug/L	99
5) Vinyl chloride	1.285	62	133502	43.695	ug/L	100
6) Bromomethane	1.484	94	92031	43.169	ug/L	99
8) Chloroethane	1.548	64	94251	45.823	ug/L	99
9) Trichlorofluoromethane	1.712	101	218113	44.796	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	131952	44.789	ug/L	99
12) 1,1-Dichloroethene	2.073	96	112570	44.714	ug/L	79
13) Acetone	2.111	43	115355	49.628	ug/L	99
14) Carbon disulfide	2.243	76	263198	43.795	ug/L	100
15) Methyl Acetate	2.375	43	109382	46.412	ug/L	99
16) Methylene chloride	2.449	84	126343	37.835	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	109023	45.372	ug/L	95
18) Methyl tert-butyl Ether	2.706	73	348702	49.139	ug/L	99
19) 1,1-Dichloroethane	3.114	63	207949	45.411	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	125518	47.298	ug/L	98
22) 2-Butanone	3.867	43	147164	74.656	ug/L	95
23) Bromochloromethane	4.150	128	69469	46.901	ug/L	98
25) Chloroform	4.278	83	244369	46.821	ug/L	100

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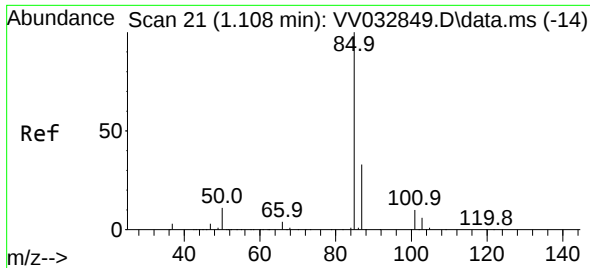
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

27) 1,2-Dichloroethane	5.040	62	183158	48.695	ug/L	98
29) Cyclohexane	4.587	56	148410	43.428	ug/L #	94
30) 1,1,1-Trichloroethane	4.516	97	209933	46.082	ug/L	100
31) Carbon tetrachloride	4.738	117	182534	45.342	ug/L	100
33) Benzene	5.011	78	473894	47.000	ug/L	100
34) Trichloroethene	5.838	95	126515	45.075	ug/L	96
35) Methylcyclohexane	6.053	83	195779	44.578	ug/L	95
37) 1,2-Dichloropropane	6.095	63	116012	43.345	ug/L	100
38) Bromodichloromethane	6.436	83	194013	46.206	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	208108	51.830	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	335115	105.652	ug/L	99
42) Toluene	7.317	91	566228	49.312	ug/L	98
44) trans-1,3-Dichloropropene	7.584	75	202837	49.182	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	148516	48.378	ug/L	98
46) Tetrachloroethene	7.908	164	111627	44.078	ug/L	98
48) 2-Hexanone	8.076	43	253973	89.242	ug/L	99
49) Dibromochloromethane	8.178	129	153616	47.863	ug/L	100
50) 1,2-Dibromoethane	8.285	107	154271	49.326	ug/L	98
51) Chlorobenzene	8.815	112	379640	46.702	ug/L	99
52) Ethylbenzene	8.950	91	612022	48.319	ug/L	100
53) m,p-Xylene	9.075	106	235662	48.886	ug/L	100
54) o-Xylene	9.481	106	229968	49.242	ug/L	97
55) Styrene	9.497	104	415945	51.107	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	223939	48.705	ug/L	98
59) Bromoform	9.667	173	112673	46.371	ug/L	100
60) Isopropylbenzene	9.870	105	627364	47.735	ug/L	100
61) 1,2,3-Trichloropropane	10.211	75	170027	46.970	ug/L	99
62) 1,3,5-Trimethylbenzene	10.481	105	499597	48.307	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	486637	49.189	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	312075	45.579	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	326281	45.164	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	317888	45.479	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	42879	45.515	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	214847	43.466	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	190616	44.592	ug/L	100
71) Naphthalene	13.442	128	539827	50.571	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	203957	47.788	ug/L	99

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

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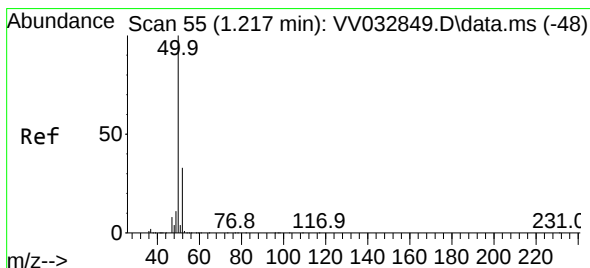
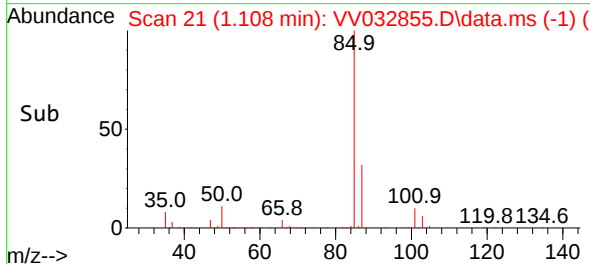
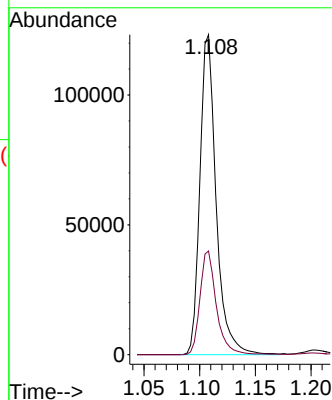
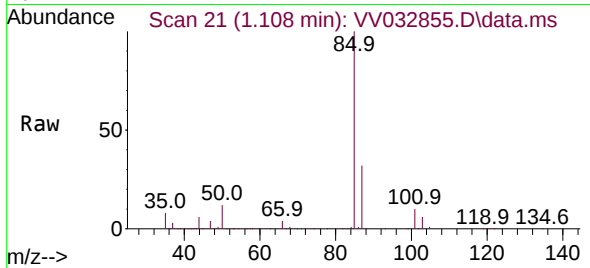




#2
 Dichlorodifluoromethane
 Concen: 42.229 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV032855.D
 Acq: 06 Nov 2023 15:58

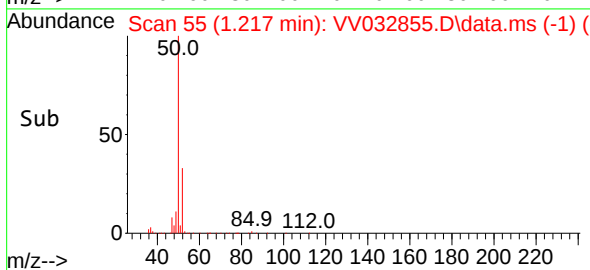
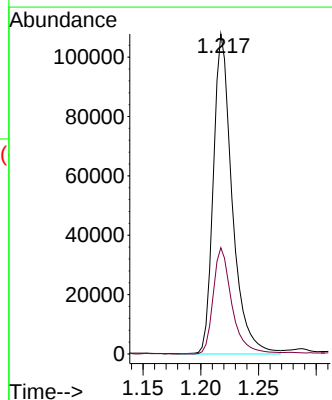
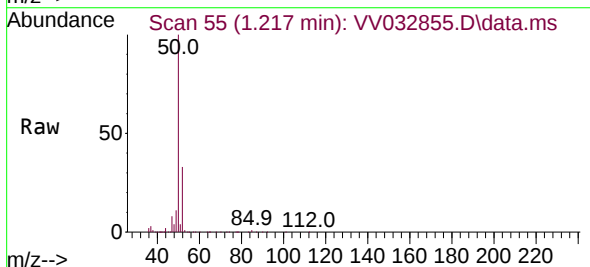
Instrument :
 MSVOA_V
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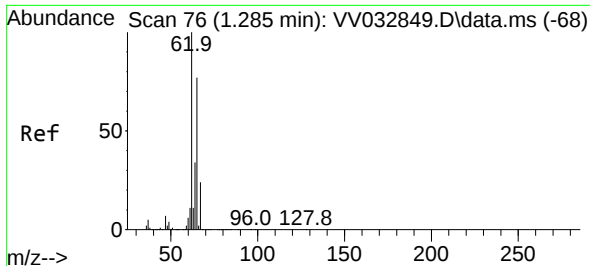
Tgt Ion: 85 Resp: 125072
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.2 39.4



#3
 Chloromethane
 Concen: 42.721 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV032855.D
 Acq: 06 Nov 2023 15:58

Tgt Ion: 50 Resp: 122409
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.5 43.7

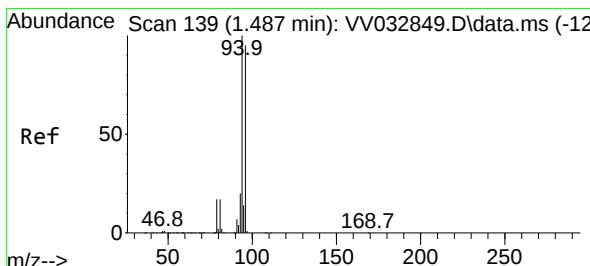
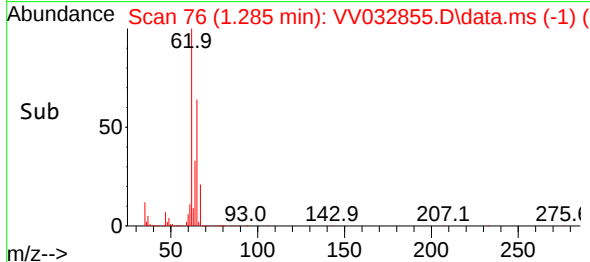
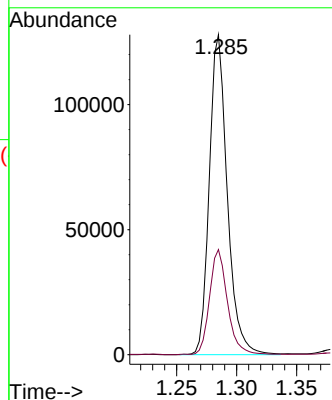
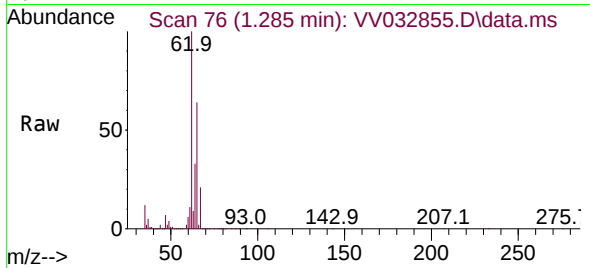




#5
 Vinyl chloride
 Concen: 43.695 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV032855.D
 Acq: 06 Nov 2023 15:58

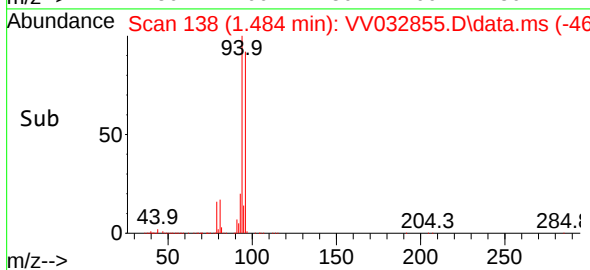
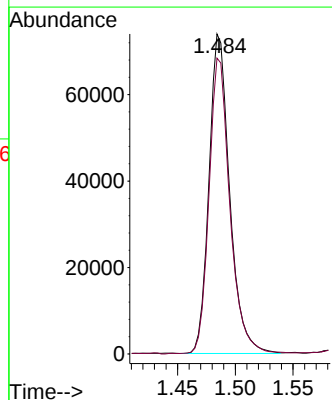
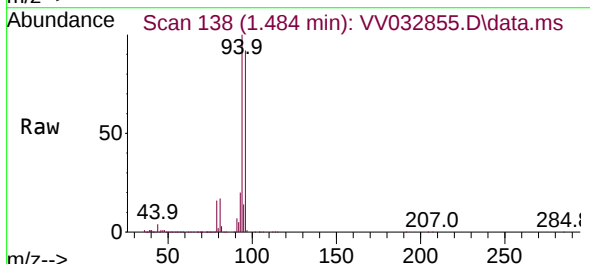
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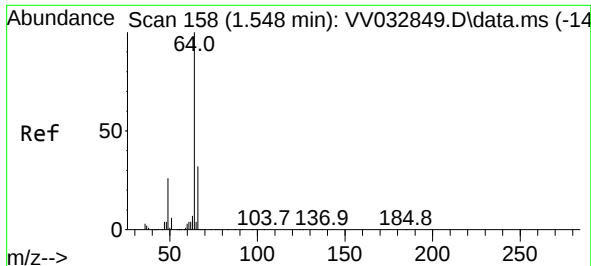
Tgt Ion: 62 Resp: 133502
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.2 43.0



#6
 Bromomethane
 Concen: 43.169 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV032855.D
 Acq: 06 Nov 2023 15:58

Tgt Ion: 94 Resp: 92031
 Ion Ratio Lower Upper
 94 100
 96 92.4 64.2 119.2

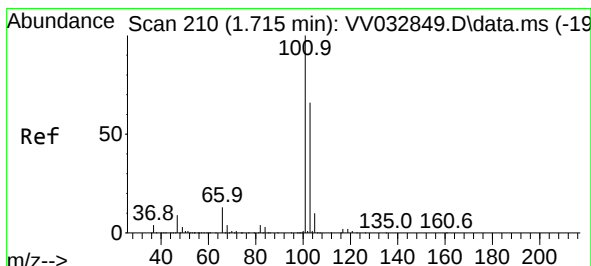
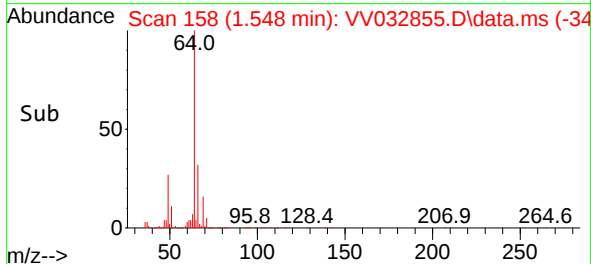
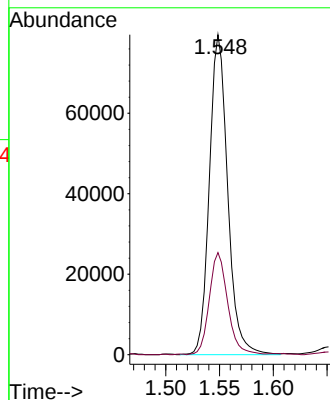
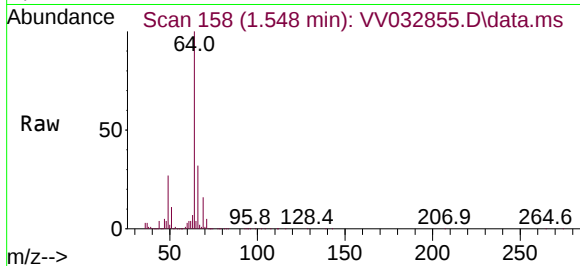




#8
Chloroethane
Concen: 45.823 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032855.D
Acq: 06 Nov 2023 15:58

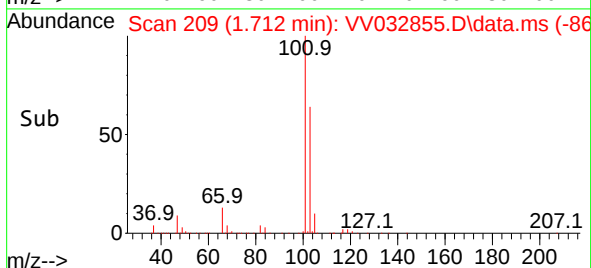
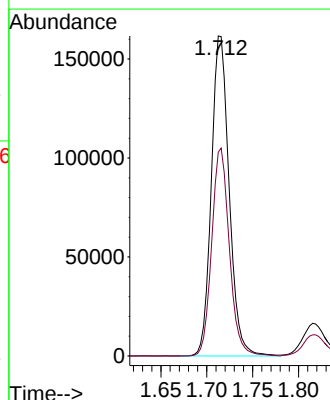
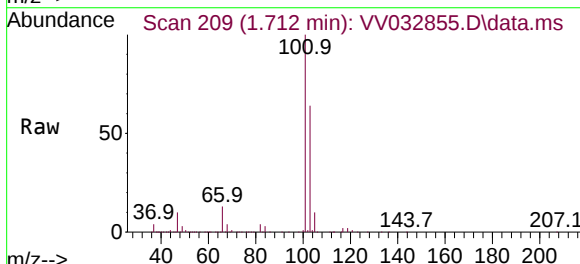
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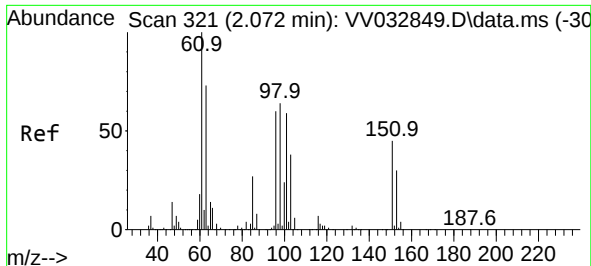
Tgt Ion: 64 Resp: 94251
Ion Ratio Lower Upper
64 100
66 31.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 44.796 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV032855.D
Acq: 06 Nov 2023 15:58

Tgt Ion:101 Resp: 218113
Ion Ratio Lower Upper
101 100
103 64.3 51.7 77.5

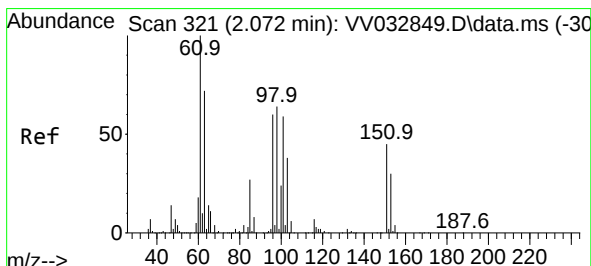
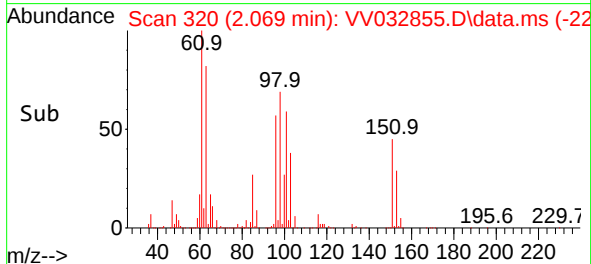
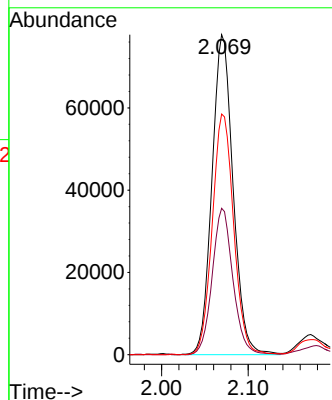
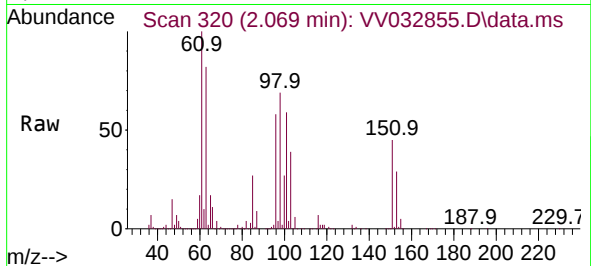




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 44.789 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV032855.D
 Acq: 06 Nov 2023 15:58

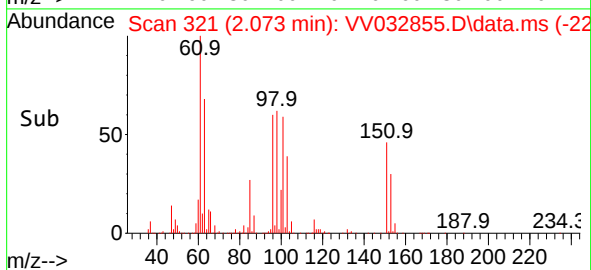
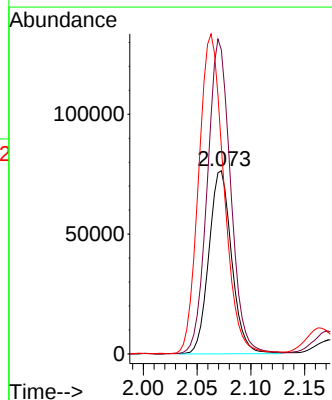
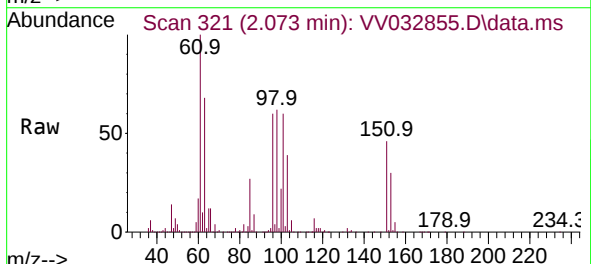
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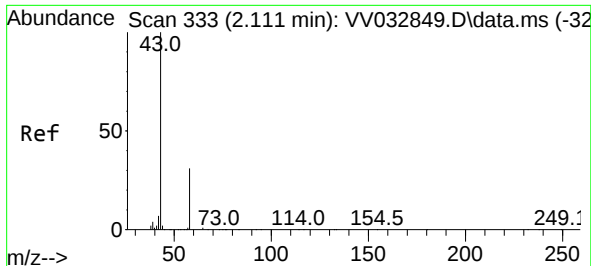
Tgt Ion:101 Resp: 131952
 Ion Ratio Lower Upper
 101 100
 85 44.9 35.6 53.4
 151 76.3 59.9 89.9



#12
 1,1-Dichloroethene
 Concen: 44.714 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. 0.000 min
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Tgt Ion: 96 Resp: 112570
 Ion Ratio Lower Upper
 96 100
 61 166.0 124.2 230.6
 63 113.4 111.8 207.6

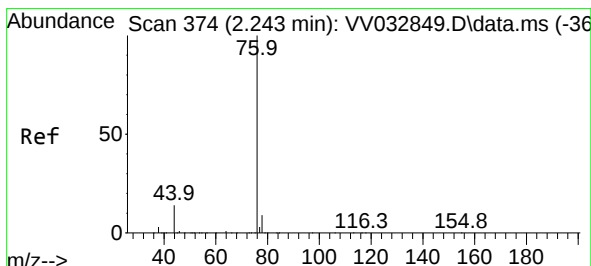
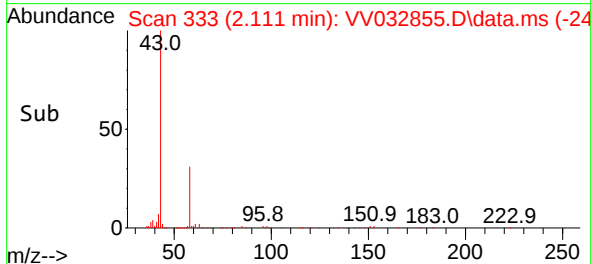
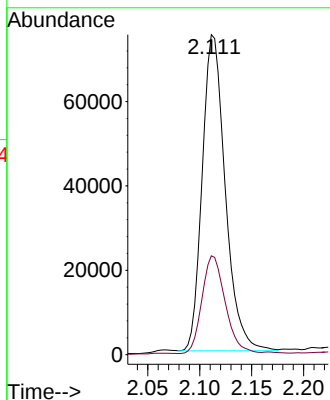
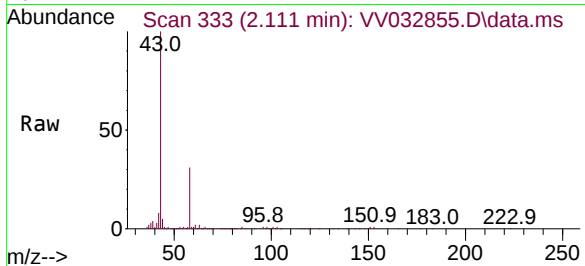




#13
Acetone
Concen: 49.628 ug/L
RT: 2.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV032855.D
Acq: 06 Nov 2023 15:58

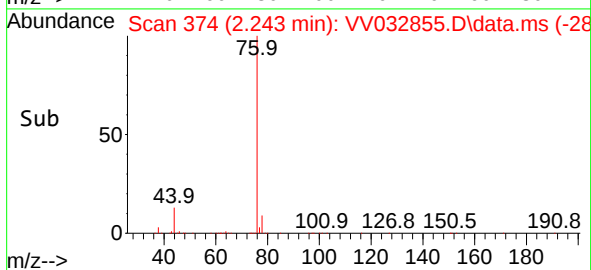
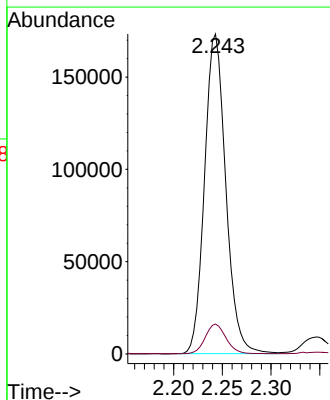
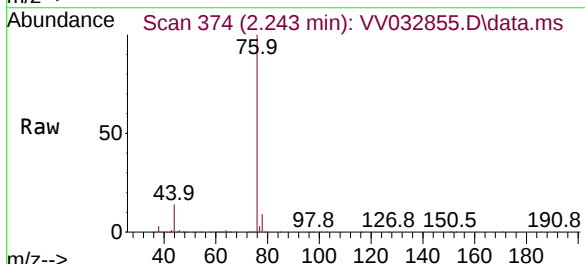
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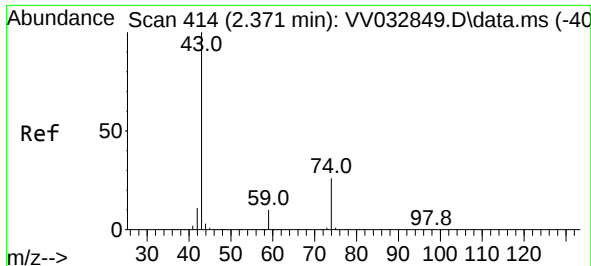
Tgt Ion: 43 Resp: 115355
Ion Ratio Lower Upper
43 100
58 31.4 0.0 61.2



#14
Carbon disulfide
Concen: 43.795 ug/L
RT: 2.243 min Scan# 374
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 263198
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

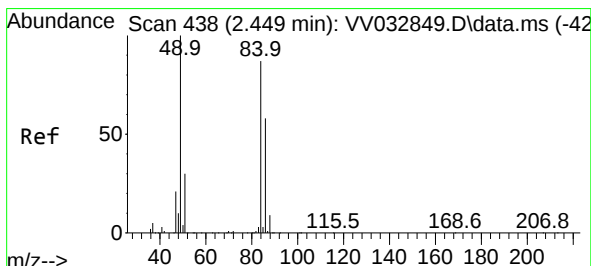
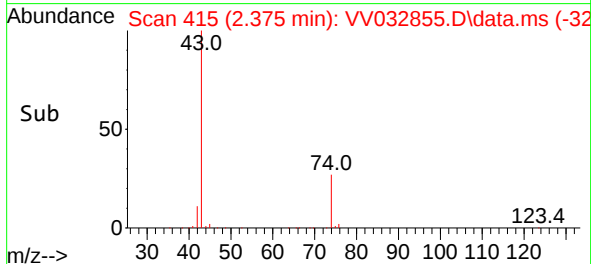
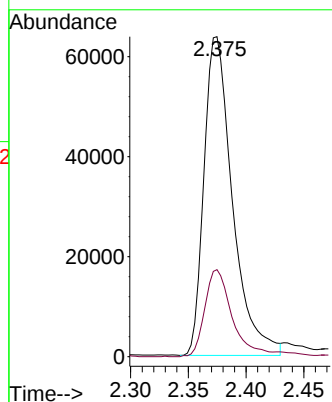
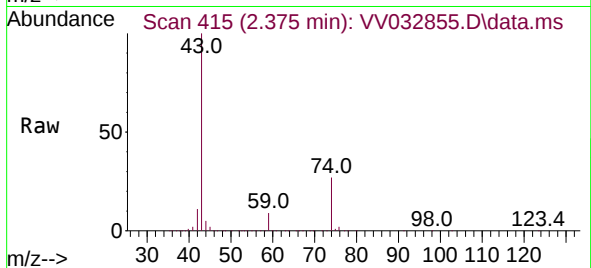




#15
Methyl Acetate
Concen: 46.412 ug/L
RT: 2.375 min Scan# 414
Delta R.T. 0.003 min
Lab File: VV032855.D
Acq: 06 Nov 2023 15:58

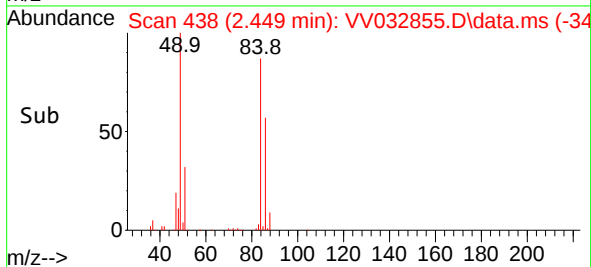
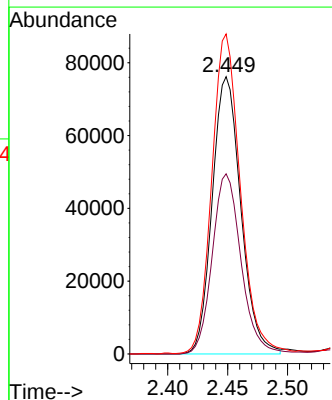
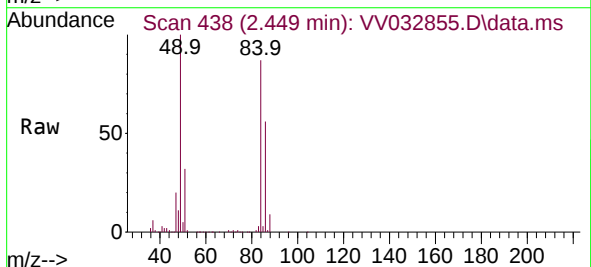
Instrument :
MSVOA_V
ClientSampleId :

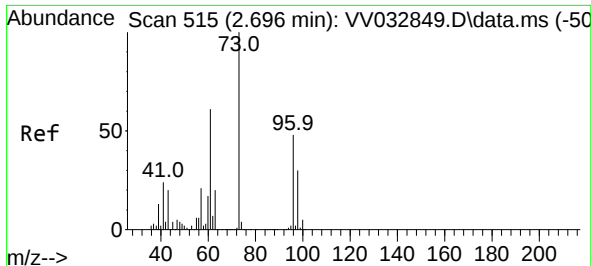
Tgt Ion: 43 Resp: 109382
Ion Ratio Lower Upper
43 100
74 26.1 20.6 30.8



#16
Methylene chloride
Concen: 37.835 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV032855.D
Acq: 06 Nov 2023 15:58

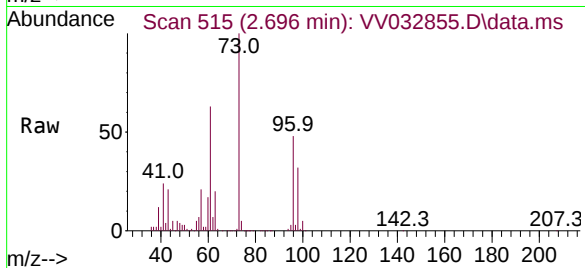
Tgt Ion: 84 Resp: 126343
Ion Ratio Lower Upper
84 100
86 64.9 45.0 83.6
49 115.4 81.2 150.8



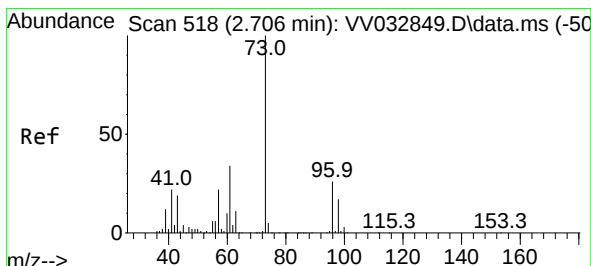
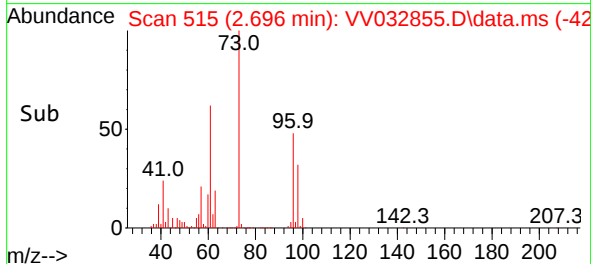
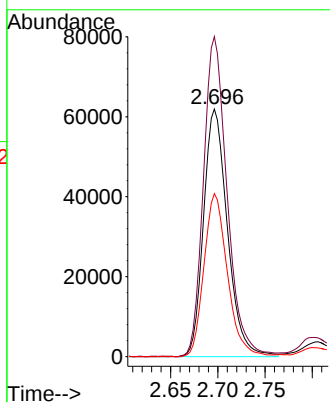


#17
trans-1,2-Dichloroethene
Concen: 45.372 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV032855.D
Acq: 06 Nov 2023 15:58

Instrument :
MSVOA_V
ClientSampleId :

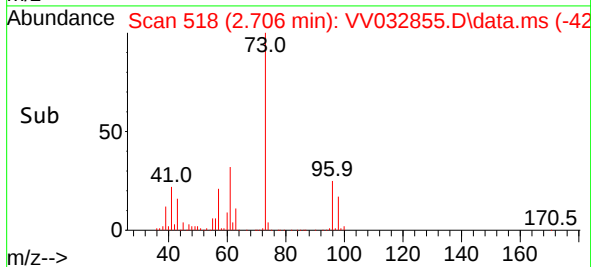
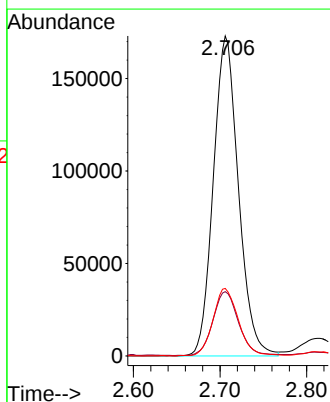
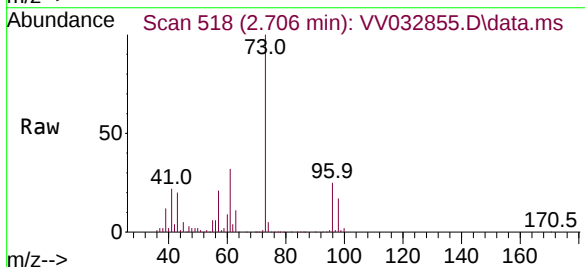


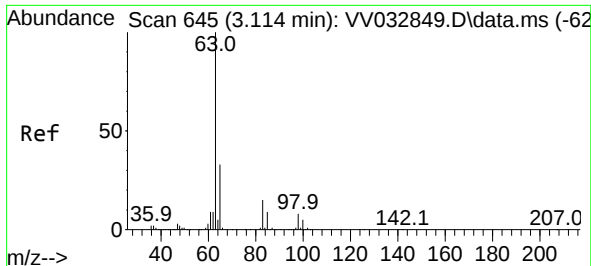
Tgt Ion: 96 Resp: 109023
Ion Ratio Lower Upper
96 100
61 129.2 86.9 161.3
98 65.8 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 49.139 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV032855.D
Acq: 06 Nov 2023 15:58

Tgt Ion: 73 Resp: 348702
Ion Ratio Lower Upper
73 100
43 20.3 16.1 24.1
57 21.3 17.4 26.0





#19

1,1-Dichloroethane

Concen: 45.411 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.000 min

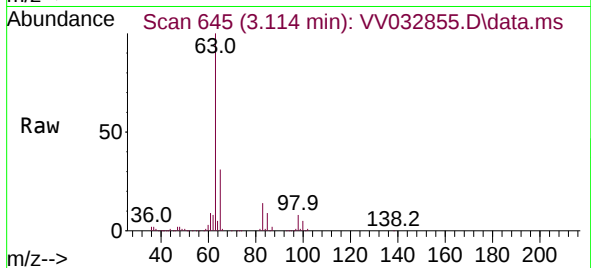
Lab File: VV032855.D

Acq: 06 Nov 2023 15:58

Instrument :

MSVOA_V

ClientSampleId :



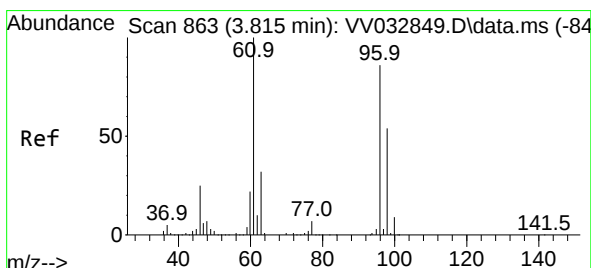
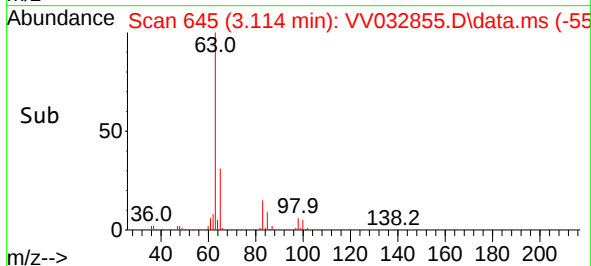
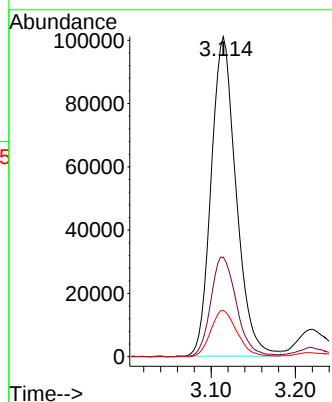
Tgt Ion: 63 Resp: 207949

Ion Ratio Lower Upper

63 100

65 31.1 22.3 41.5

83 14.4 10.1 18.7



#20

cis-1,2-Dichloroethene

Concen: 47.298 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.003 min

Lab File: VV032855.D

Acq: 06 Nov 2023 15:58

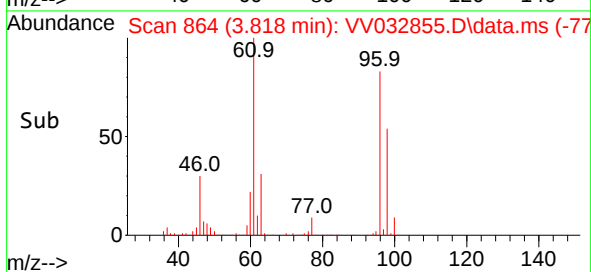
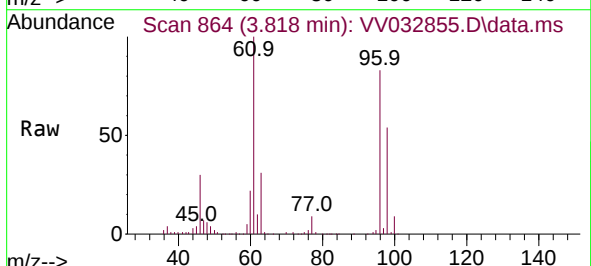
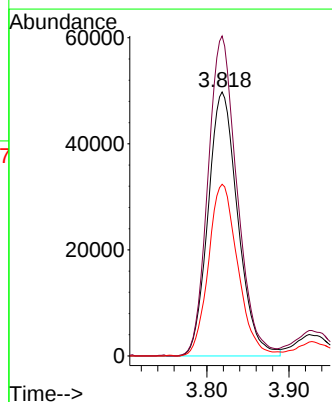
Tgt Ion: 96 Resp: 125518

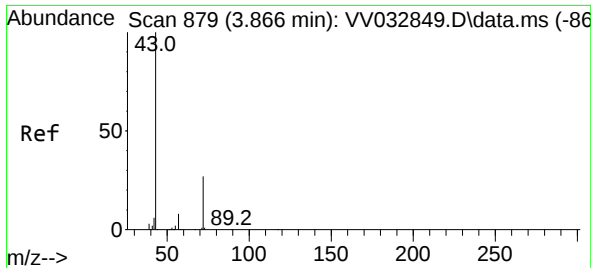
Ion Ratio Lower Upper

96 100

61 121.2 83.3 154.7

98 65.0 44.2 82.2

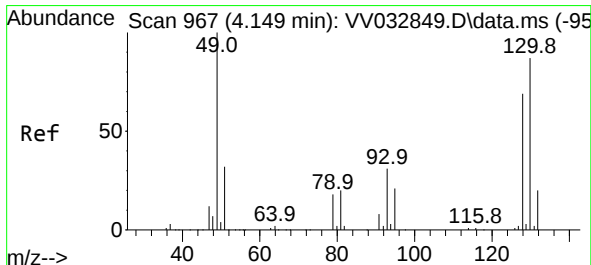
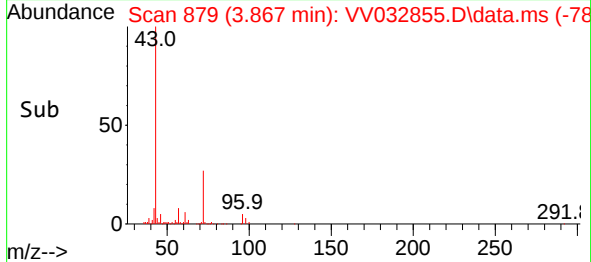
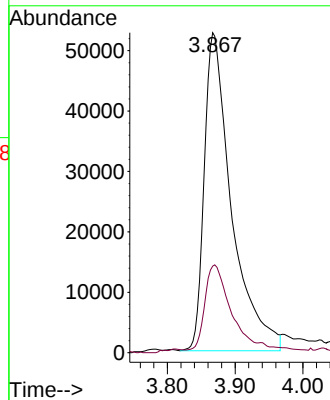
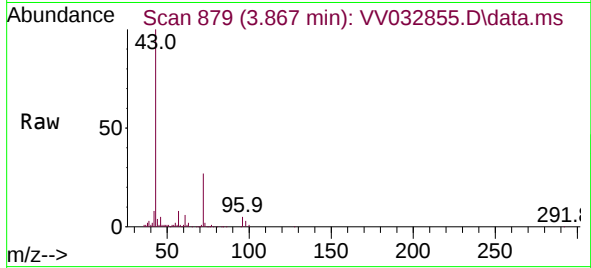




#22
2-Butanone
Concen: 74.656 ug/L
RT: 3.867 min Scan# 81
Delta R.T. 0.000 min
Lab File: VV032855.D
Acq: 06 Nov 2023 15:58

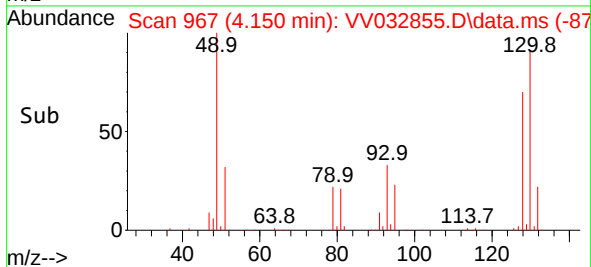
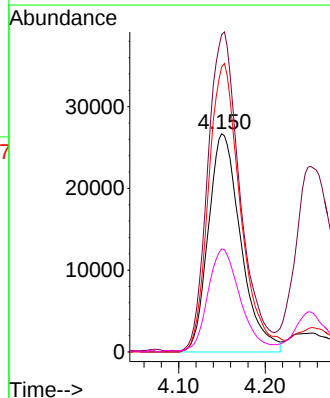
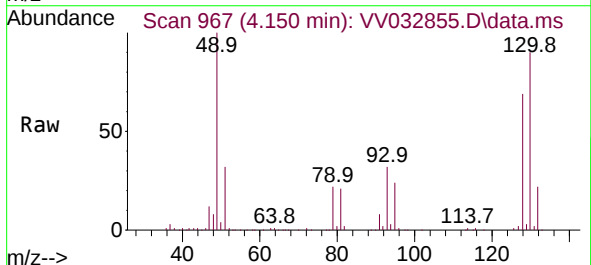
Instrument :
MSVOA_V
ClientSampleId :

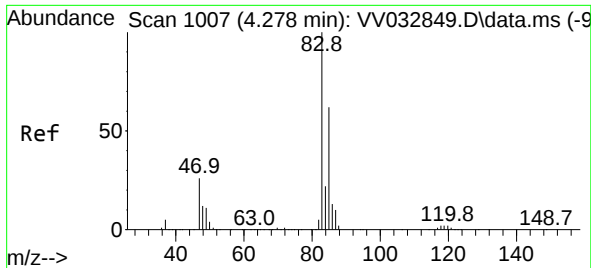
Tgt Ion: 43 Resp: 147164
Ion Ratio Lower Upper
43 100
72 24.5 13.5 40.4



#23
Bromochloromethane
Concen: 46.901 ug/L
RT: 4.150 min Scan# 967
Delta R.T. 0.000 min
Lab File: VV032855.D
Acq: 06 Nov 2023 15:58

Tgt Ion: 128 Resp: 69469
Ion Ratio Lower Upper
128 100
49 145.4 101.0 187.6
130 130.6 88.5 164.4
51 47.3 38.0 57.0

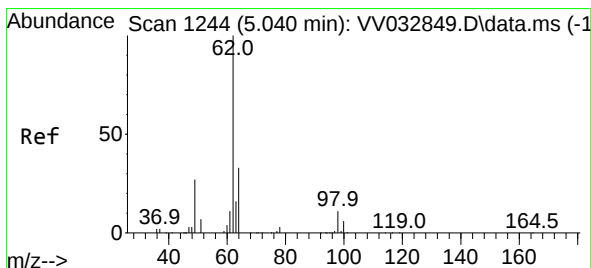
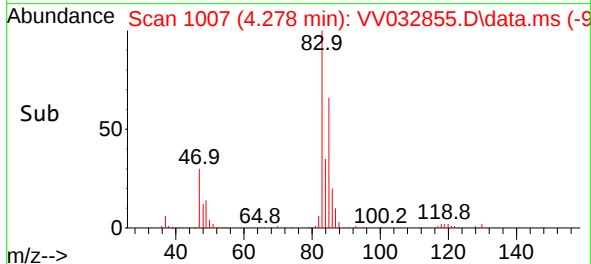
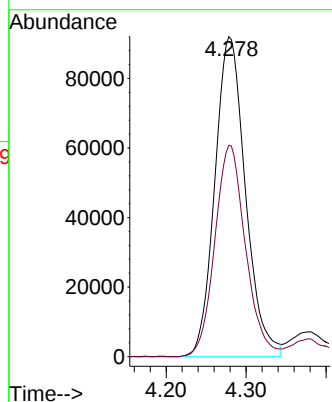
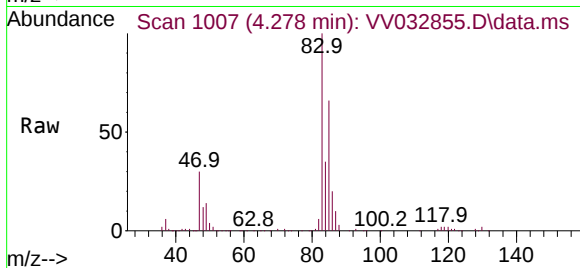




#25
Chloroform
Concen: 46.821 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.000 min
Lab File: VV032855.D
Acq: 06 Nov 2023 15:58

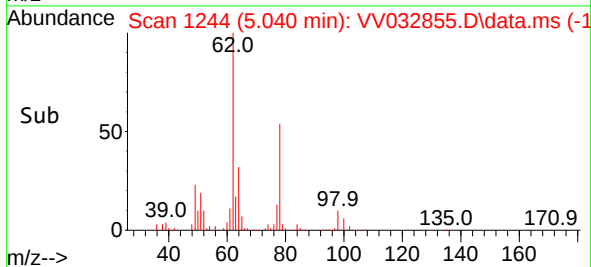
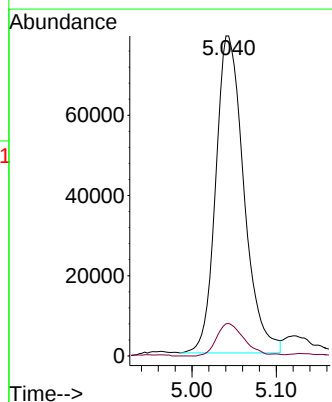
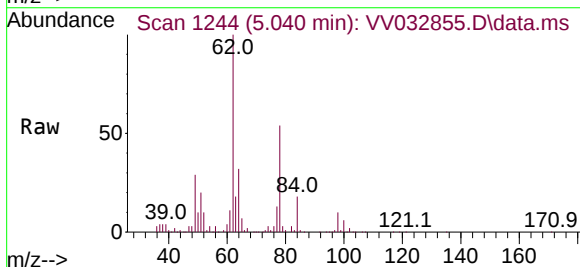
Instrument :
MSVOA_V
ClientSampleId :

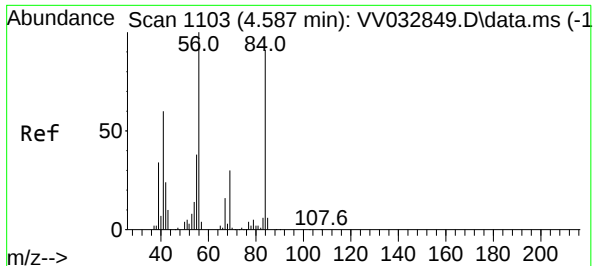
Tgt Ion: 83 Resp: 244369
Ion Ratio Lower Upper
83 100
85 66.0 46.2 85.8



#27
1,2-Dichloroethane
Concen: 48.695 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. 0.000 min
Lab File: VV032855.D
Acq: 06 Nov 2023 15:58

Tgt Ion: 62 Resp: 183158
Ion Ratio Lower Upper
62 100
98 10.0 7.5 11.3

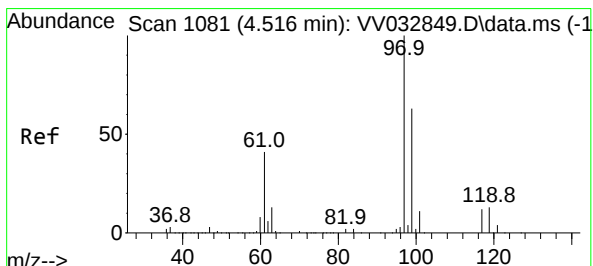
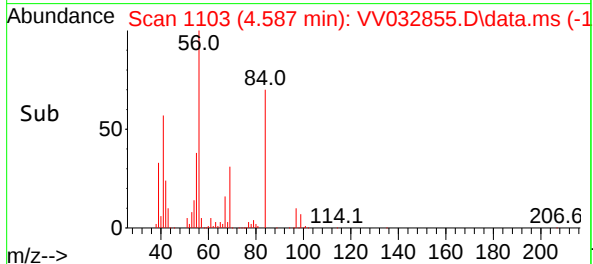
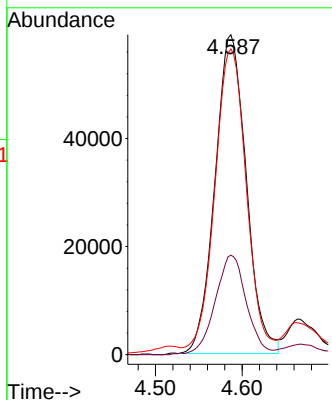
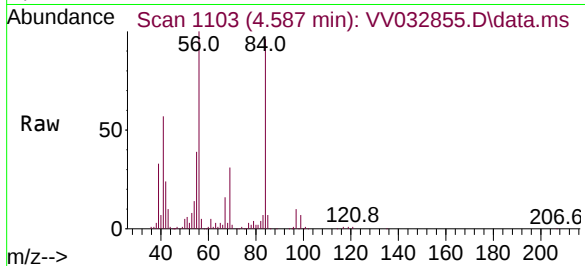




#29
Cyclohexane
Concen: 43.428 ug/L
RT: 4.587 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VV032855.D
Acq: 06 Nov 2023 15:58

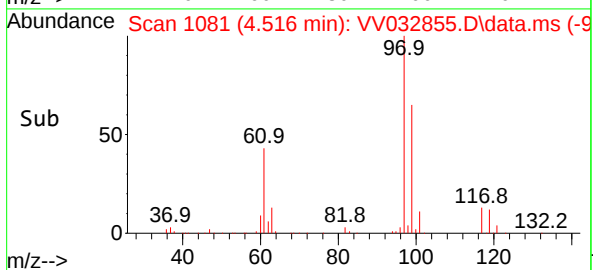
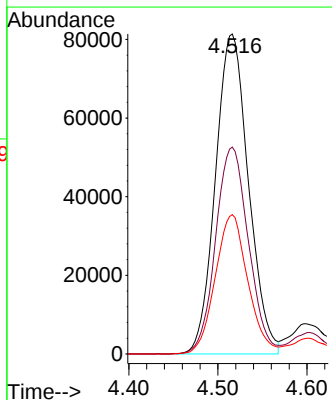
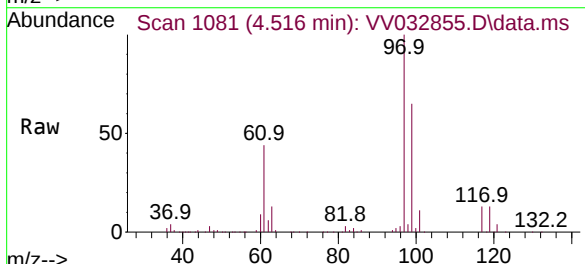
Instrument :
MSVOA_V
ClientSampleId :

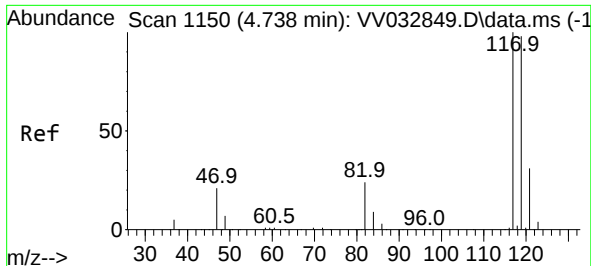
Tgt Ion: 56 Resp: 148410
Ion Ratio Lower Upper
56 100
69 30.9 13.4 20.0#
84 94.9 75.3 112.9



#30
1,1,1-Trichloroethane
Concen: 46.082 ug/L
RT: 4.516 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VV032855.D
Acq: 06 Nov 2023 15:58

Tgt Ion: 97 Resp: 209933
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.6
61 42.9 34.8 52.2

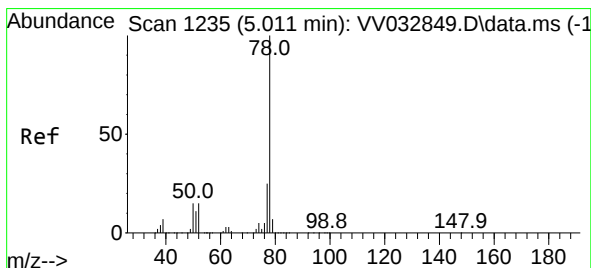
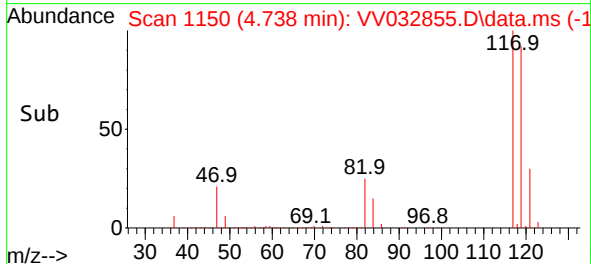
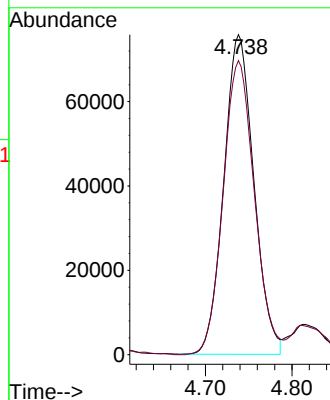
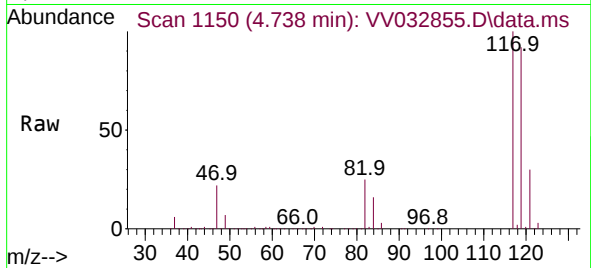




#31
Carbon tetrachloride
Concen: 45.342 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VV032855.D
Acq: 06 Nov 2023 15:58

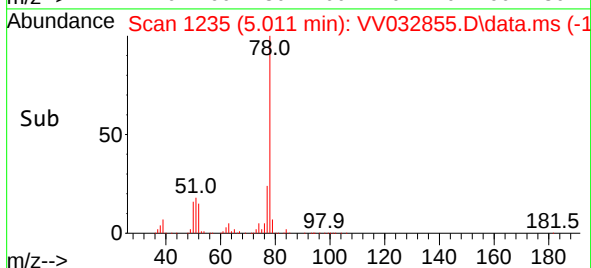
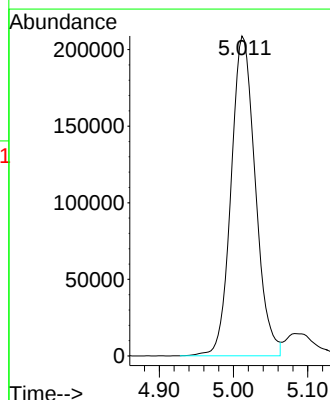
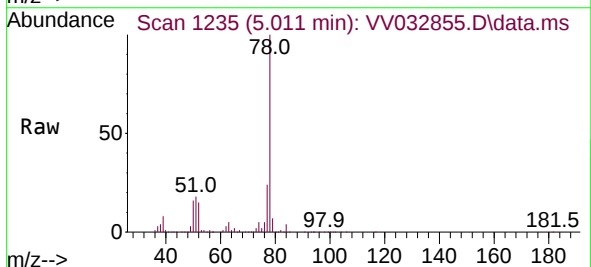
Instrument :
MSVOA_V
ClientSampleId :

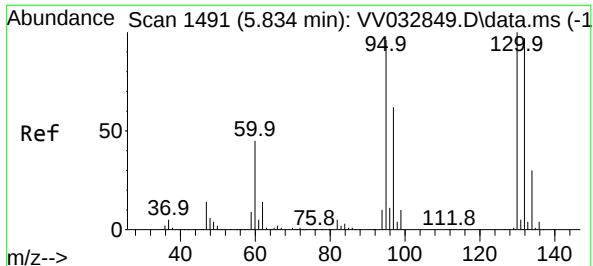
Tgt Ion:117 Resp: 182534
Ion Ratio Lower Upper
117 100
119 96.0 76.6 115.0



#33
Benzene
Concen: 47.000 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VV032855.D
Acq: 06 Nov 2023 15:58

Tgt Ion: 78 Resp: 473894

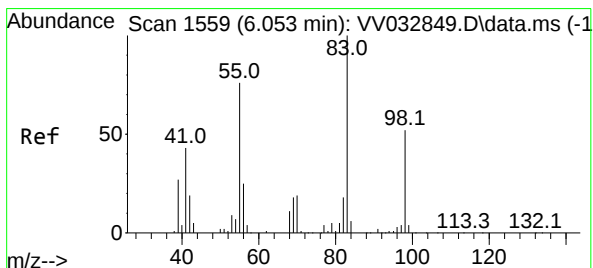
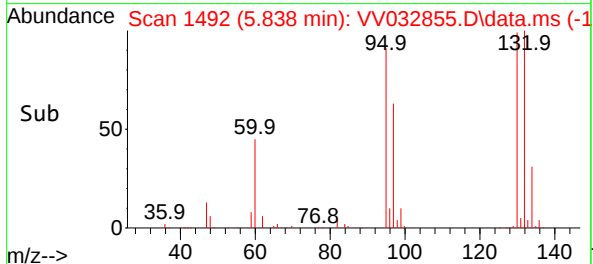
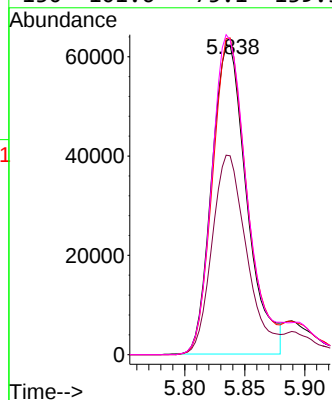
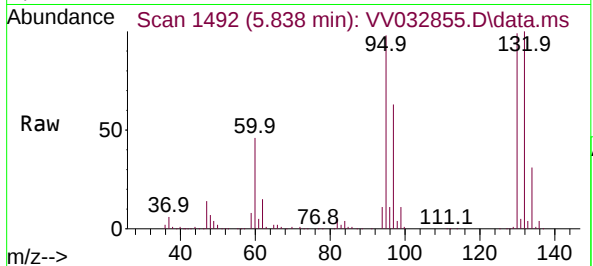




#34
Trichloroethene
Concen: 45.075 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VV032855.D
Acq: 06 Nov 2023 15:58

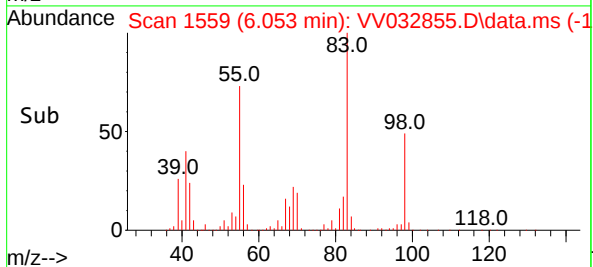
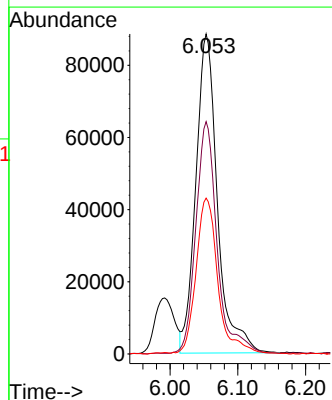
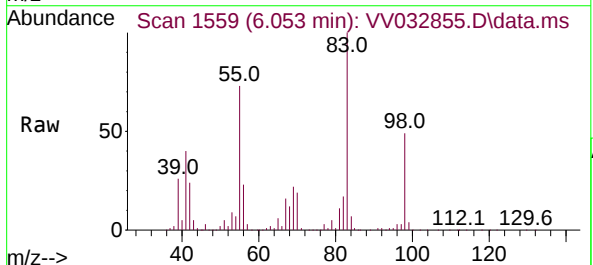
Instrument :
MSVOA_V
ClientSampleId :

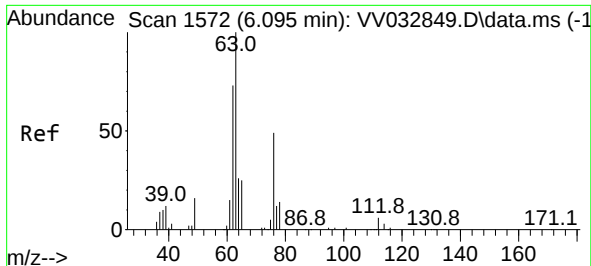
Tgt Ion: 95 Resp: 126515
Ion Ratio Lower Upper
95 100
97 64.3 46.3 85.9
132 102.3 69.0 128.2
130 101.6 75.1 139.5



#35
Methylcyclohexane
Concen: 44.578 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VV032855.D
Acq: 06 Nov 2023 15:58

Tgt Ion: 83 Resp: 195779
Ion Ratio Lower Upper
83 100
55 68.2 57.8 86.8
98 45.9 39.4 59.2





#37

1,2-Dichloropropane

Concen: 43.345 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV032855.D

Acq: 06 Nov 2023 15:58

Instrument :

MSVOA_V

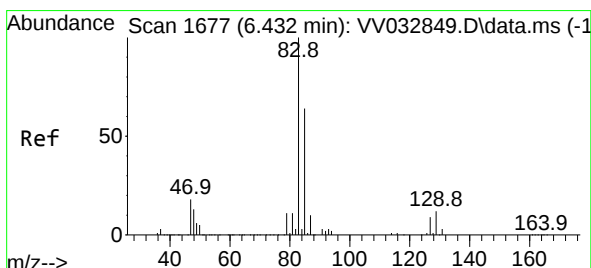
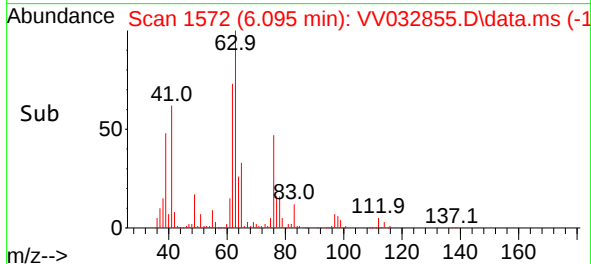
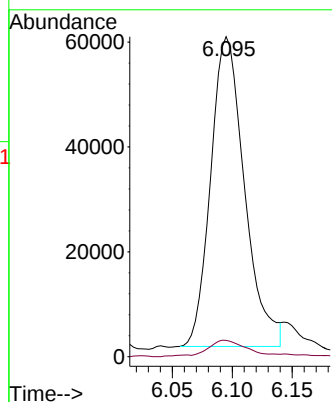
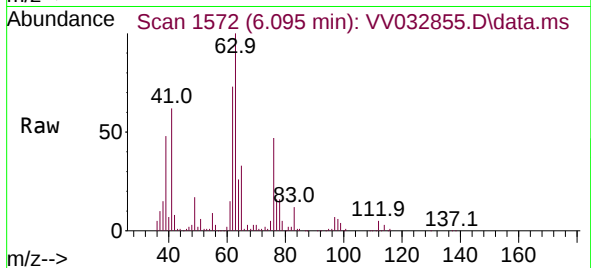
ClientSampleId :

Tgt Ion: 63 Resp: 116012

Ion Ratio Lower Upper

63 100

112 5.0 4.1 6.1



#38

Bromodichloromethane

Concen: 46.206 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.003 min

Lab File: VV032855.D

Acq: 06 Nov 2023 15:58

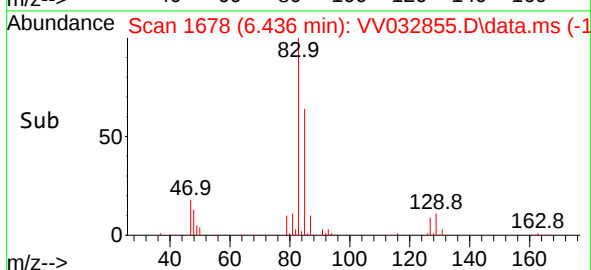
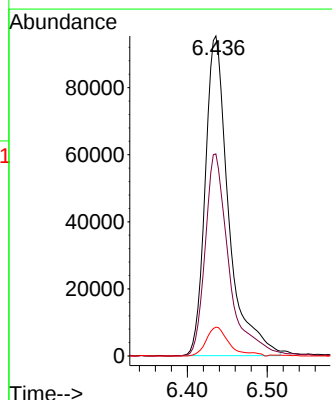
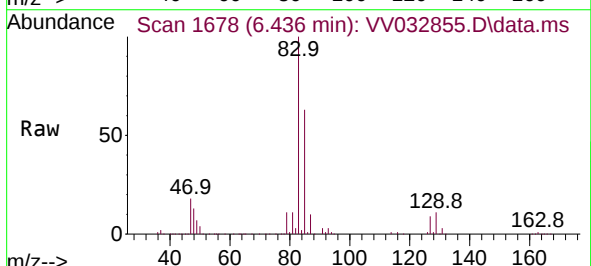
Tgt Ion: 83 Resp: 194013

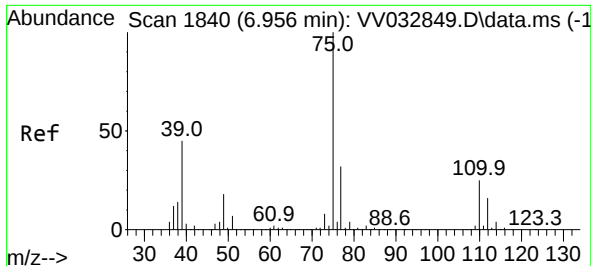
Ion Ratio Lower Upper

83 100

85 63.1 45.1 83.9

127 9.0 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 51.830 ug/L

RT: 6.957 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV032855.D

Acq: 06 Nov 2023 15:58

Instrument :

MSVOA_V

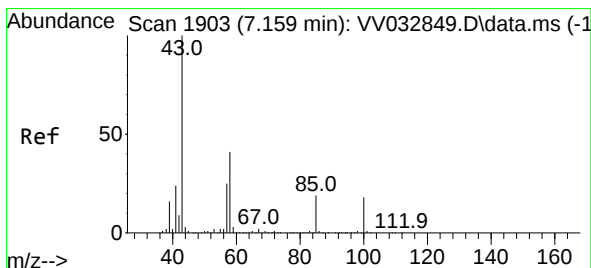
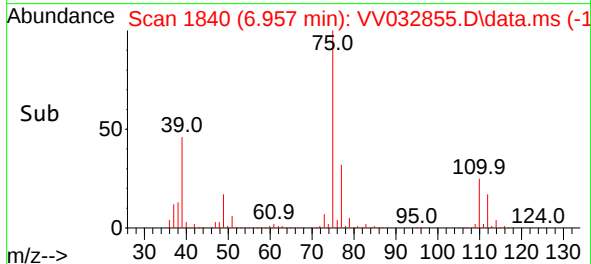
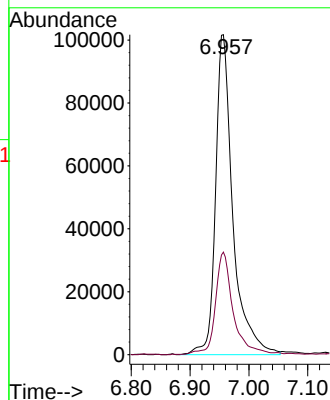
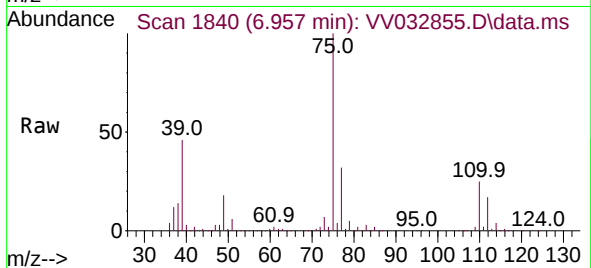
ClientSampleId :

Tgt Ion: 75 Resp: 208108

Ion Ratio Lower Upper

75 100

77 32.1 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 105.652 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV032855.D

Acq: 06 Nov 2023 15:58

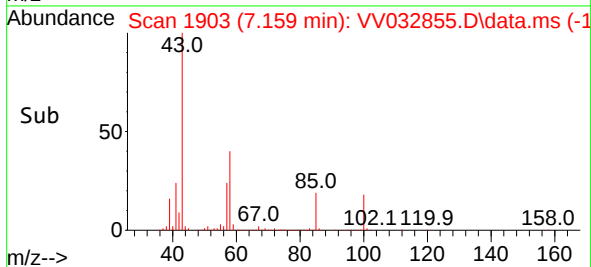
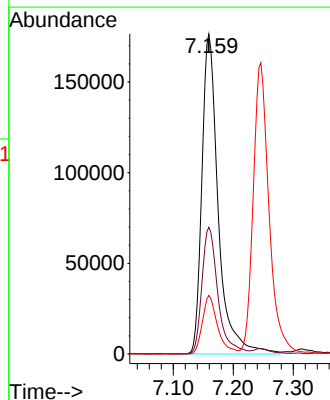
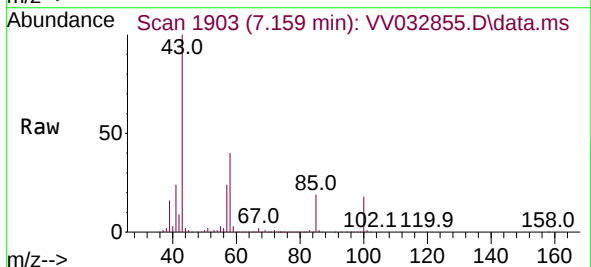
Tgt Ion: 43 Resp: 335115

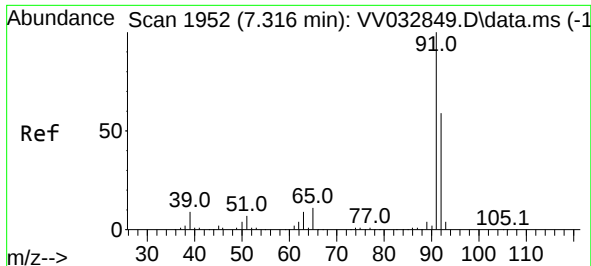
Ion Ratio Lower Upper

43 100

58 38.9 31.4 47.0

100 17.0 13.3 19.9





#42

Toluene

Concen: 49.312 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV032855.D

Acq: 06 Nov 2023 15:58

Instrument :

MSVOA_V

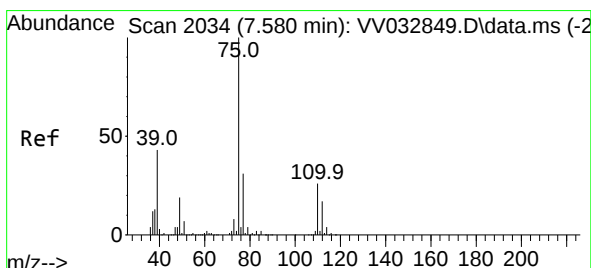
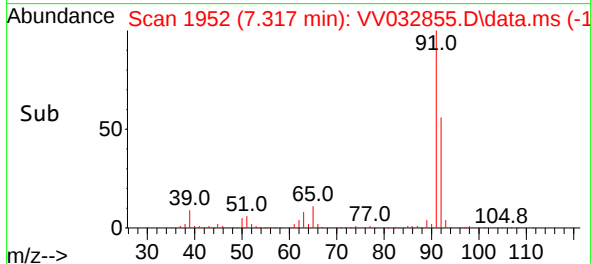
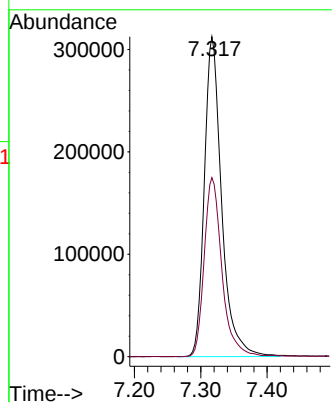
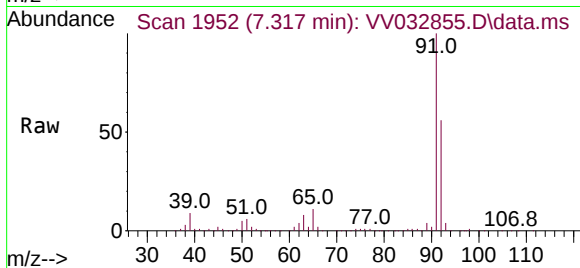
ClientSampleId :

Tgt Ion: 91 Resp: 566228

Ion Ratio Lower Upper

91 100

92 55.9 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 49.182 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.003 min

Lab File: VV032855.D

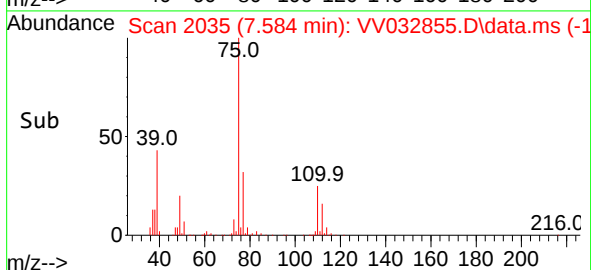
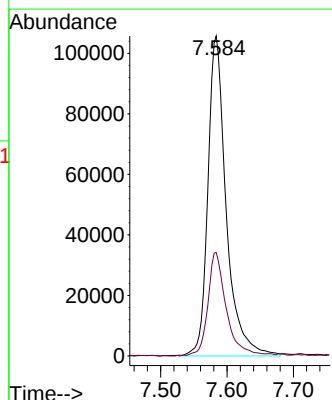
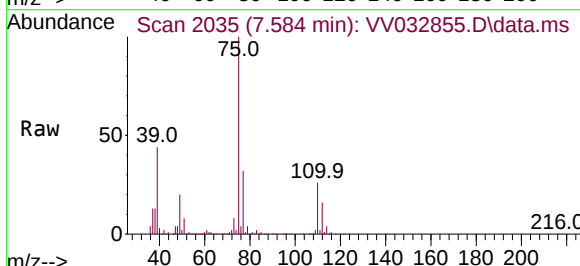
Acq: 06 Nov 2023 15:58

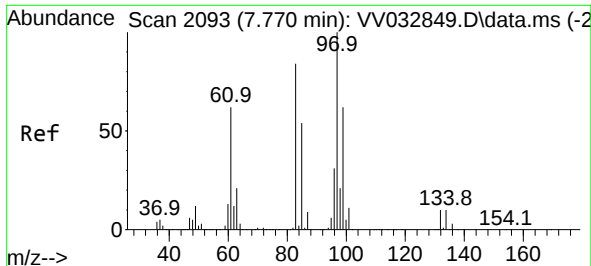
Tgt Ion: 75 Resp: 202837

Ion Ratio Lower Upper

75 100

77 32.4 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 48.378 ug/L

RT: 7.770 min Scan# 2093

Delta R.T. 0.000 min

Lab File: VV032855.D

Acq: 06 Nov 2023 15:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 148516

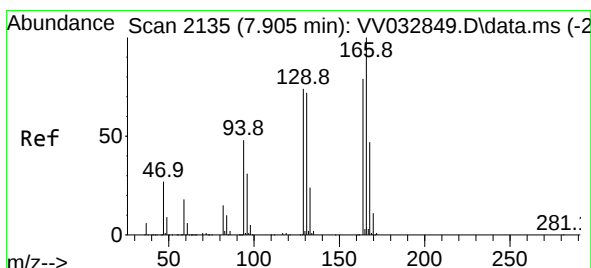
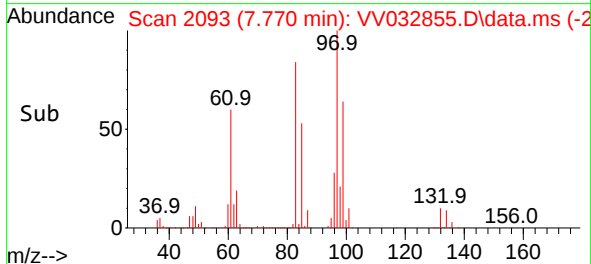
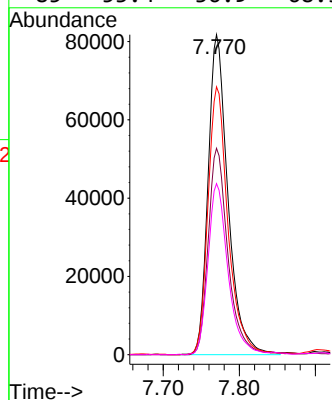
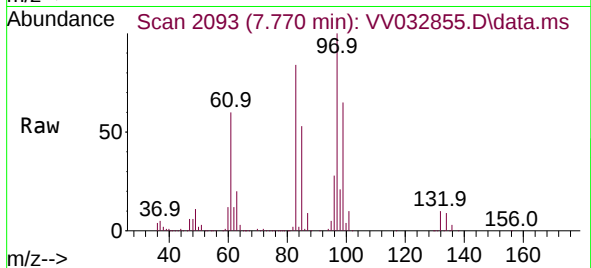
Ion Ratio Lower Upper

97 100

99 64.5 42.8 79.6

83 83.7 58.4 108.4

85 53.4 36.9 68.5



#46

Tetrachloroethene

Concen: 44.078 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VV032855.D

Acq: 06 Nov 2023 15:58

Tgt Ion: 164 Resp: 111627

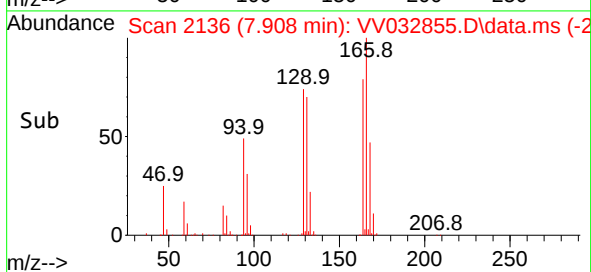
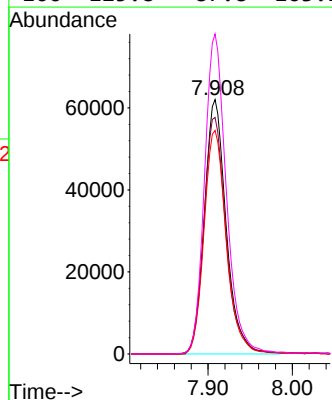
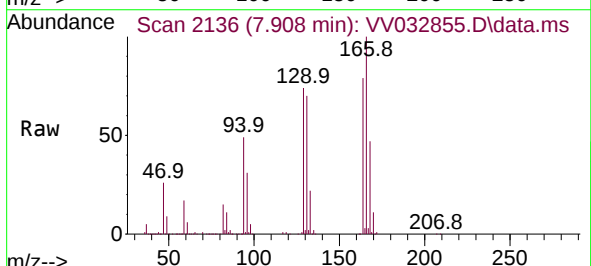
Ion Ratio Lower Upper

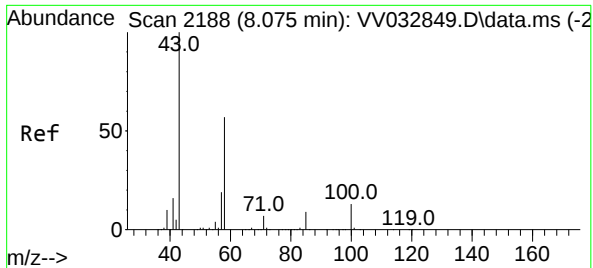
164 100

129 93.0 65.3 121.3

131 87.9 65.0 120.8

166 125.8 87.8 163.2



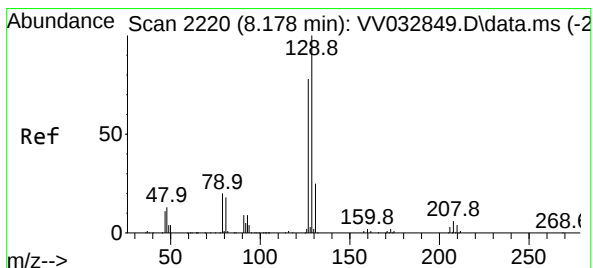
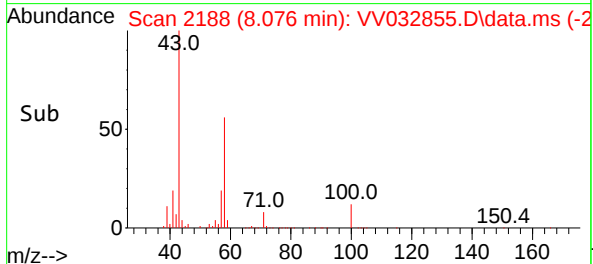
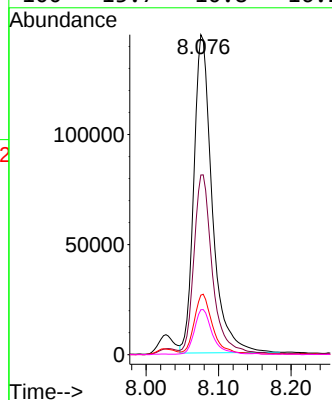
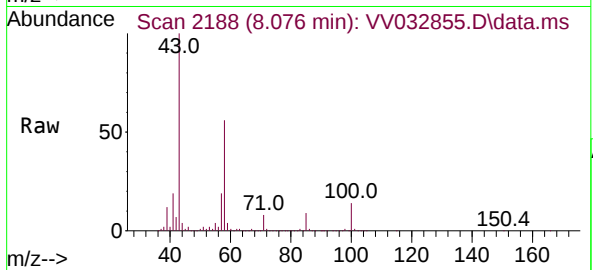


#48
2-Hexanone
Concen: 89.242 ug/L
RT: 8.076 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VV032855.D
Acq: 06 Nov 2023 15:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 253973

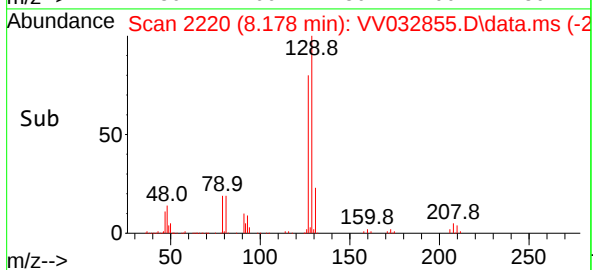
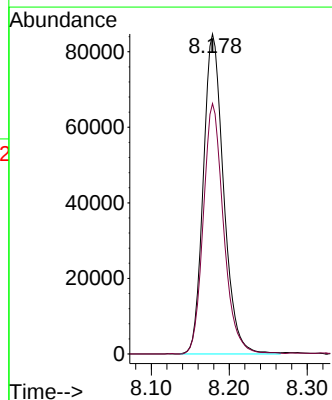
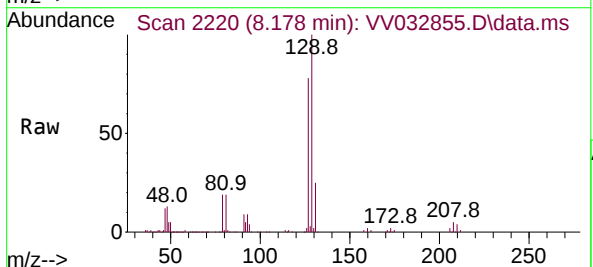
Ion	Ratio	Lower	Upper
43	100		
58	55.4	43.3	64.9
57	18.8	15.5	23.3
100	13.7	10.8	16.2

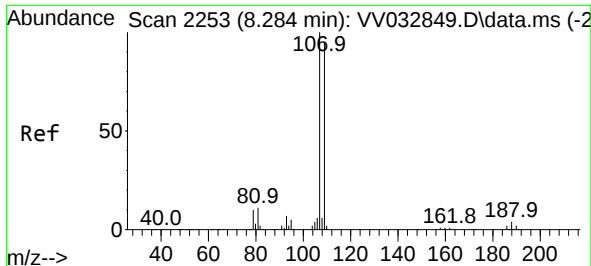


#49
Dibromochloromethane
Concen: 47.863 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV032855.D
Acq: 06 Nov 2023 15:58

Tgt Ion: 129 Resp: 153616

Ion	Ratio	Lower	Upper
129	100		
127	78.3	54.7	101.5

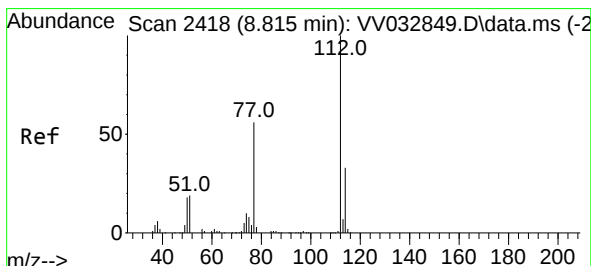
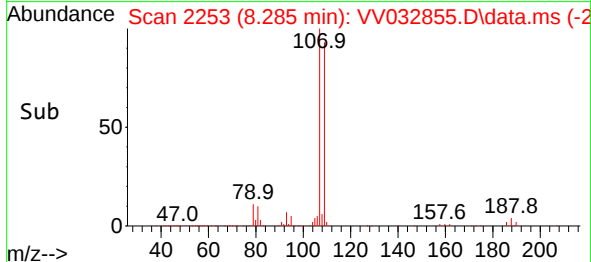
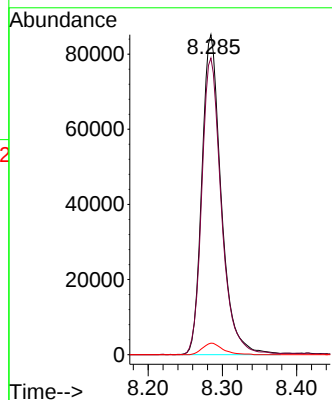
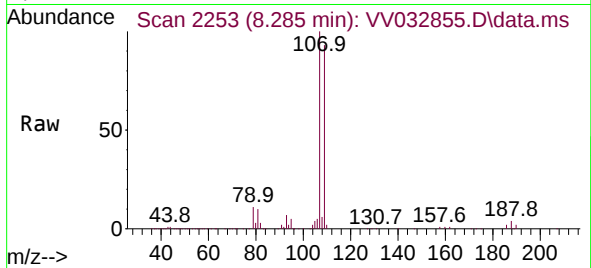




#50
1,2-Dibromoethane
Concen: 49.326 ug/L
RT: 8.285 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032855.D
Acq: 06 Nov 2023 15:58

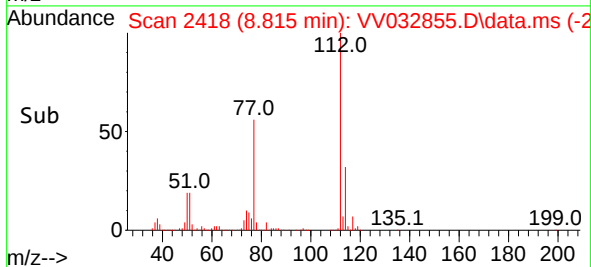
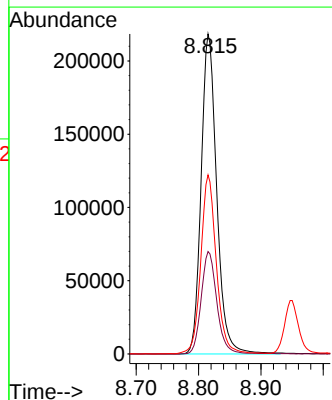
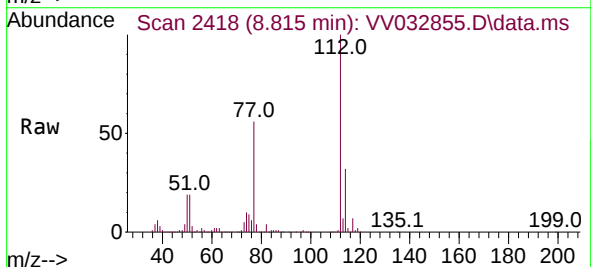
Instrument :
MSVOA_V
ClientSampleId :

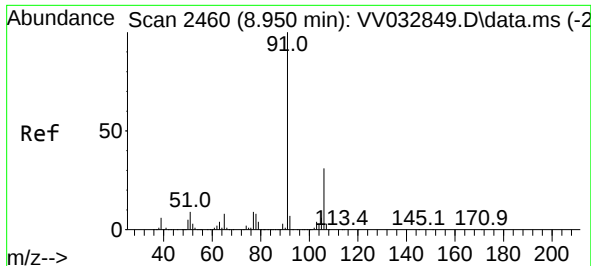
Tgt Ion:107 Resp: 154271
Ion Ratio Lower Upper
107 100
109 92.7 66.4 123.2
188 3.6 3.0 4.6



#51
Chlorobenzene
Concen: 46.702 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.000 min
Lab File: VV032855.D
Acq: 06 Nov 2023 15:58

Tgt Ion:112 Resp: 379640
Ion Ratio Lower Upper
112 100
114 32.0 21.6 40.2
77 56.0 44.4 66.6

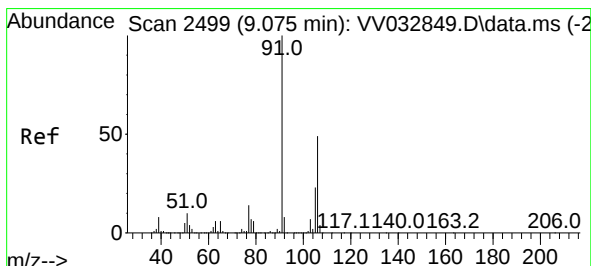
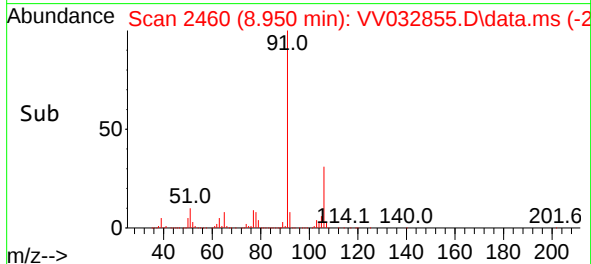
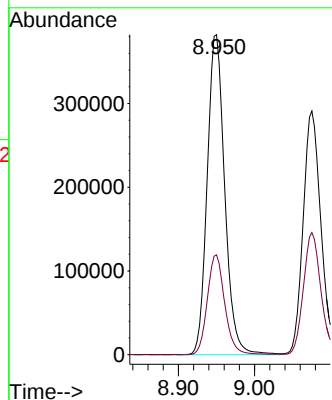
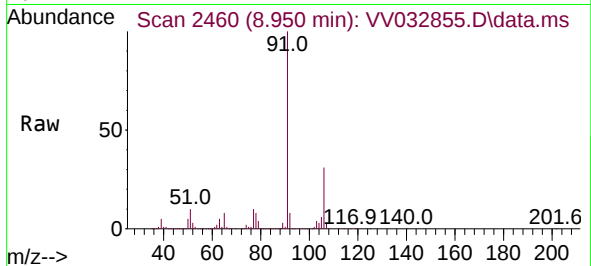




#52
Ethylbenzene
Concen: 48.319 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.000 min
Lab File: VV032855.D
Acq: 06 Nov 2023 15:58

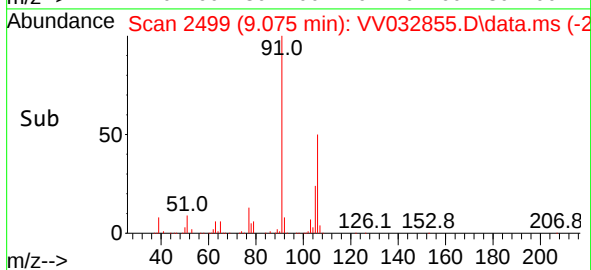
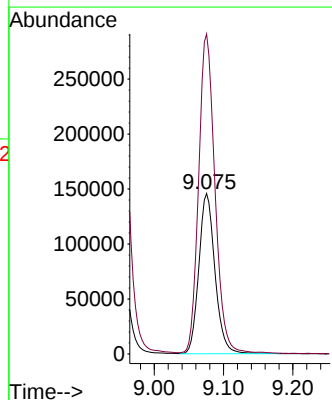
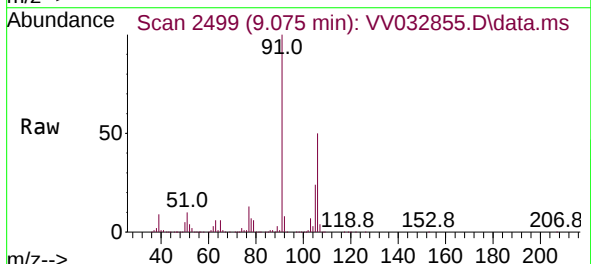
Instrument :
MSVOA_V
ClientSampleId :

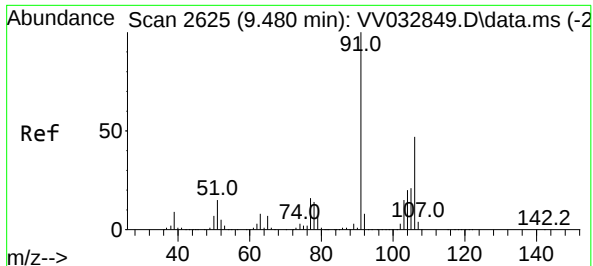
Tgt Ion: 91 Resp: 612022
Ion Ratio Lower Upper
91 100
106 31.2 21.7 40.3



#53
m,p-Xylene
Concen: 48.886 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV032855.D
Acq: 06 Nov 2023 15:58

Tgt Ion: 106 Resp: 235662
Ion Ratio Lower Upper
106 100
91 199.5 139.7 259.5





#54

o-Xylene

Concen: 49.242 ug/L

RT: 9.481 min Scan# 2625

Delta R.T. 0.000 min

Lab File: VV032855.D

Acq: 06 Nov 2023 15:58

Instrument :

MSVOA_V

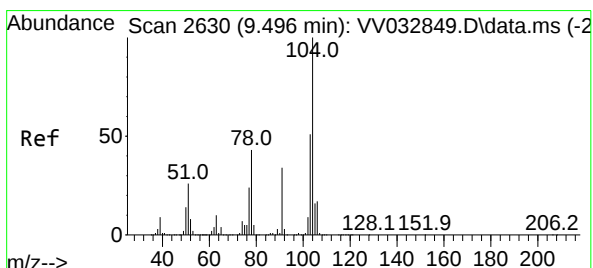
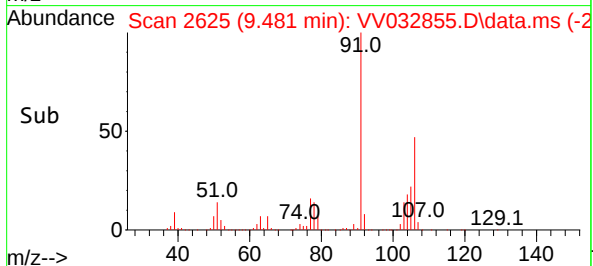
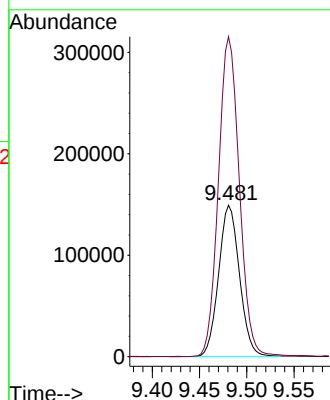
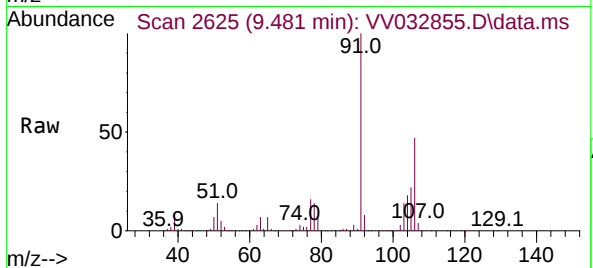
ClientSampleId :

Tgt Ion:106 Resp: 229968

Ion Ratio Lower Upper

106 100

91 211.3 151.0 280.4



#55

Styrene

Concen: 51.107 ug/L

RT: 9.497 min Scan# 2630

Delta R.T. 0.000 min

Lab File: VV032855.D

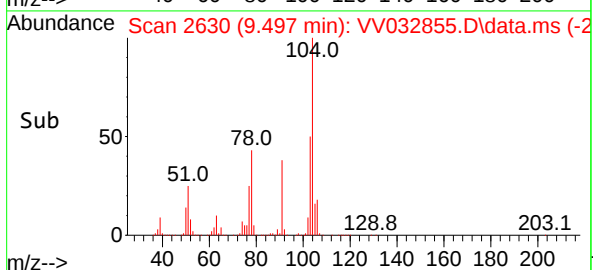
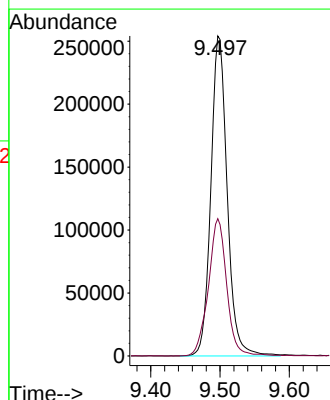
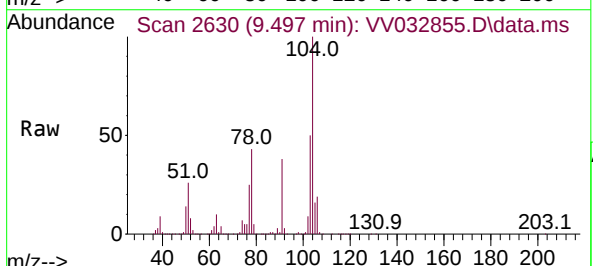
Acq: 06 Nov 2023 15:58

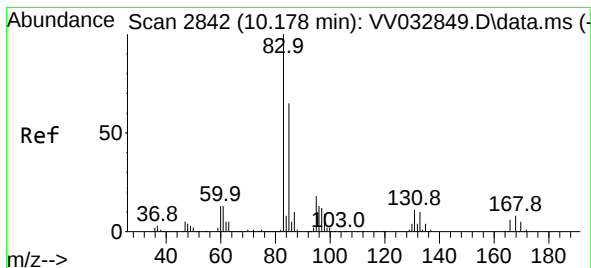
Tgt Ion:104 Resp: 415945

Ion Ratio Lower Upper

104 100

78 42.9 30.1 55.9

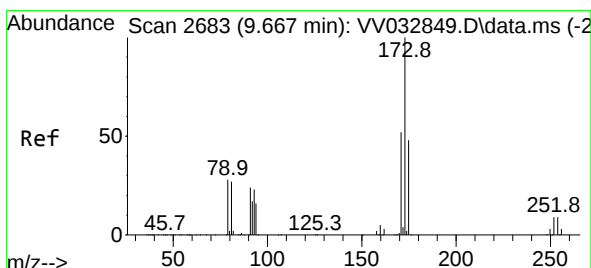
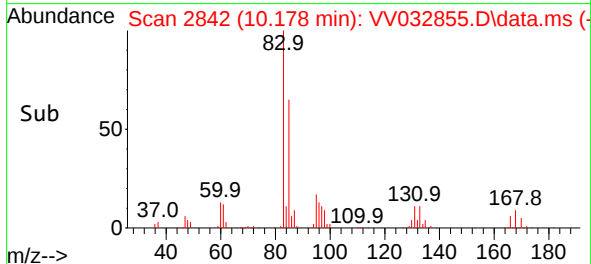
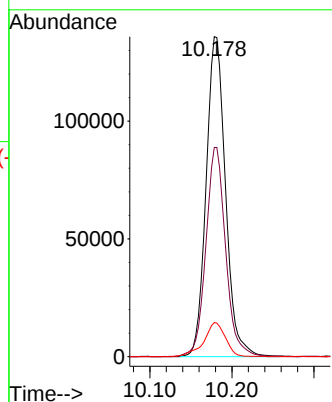
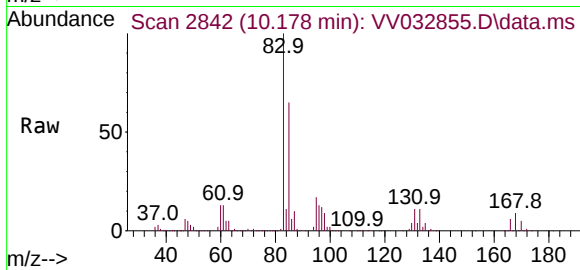




#57
1,1,2,2-Tetrachloroethane
Concen: 48.705 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV032855.D
Acq: 06 Nov 2023 15:58

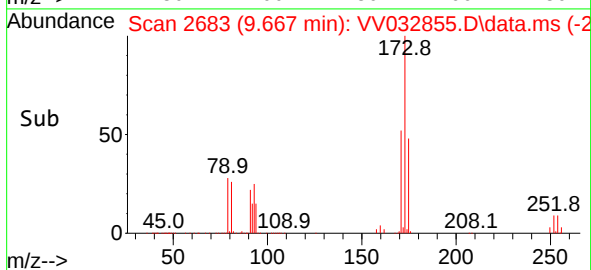
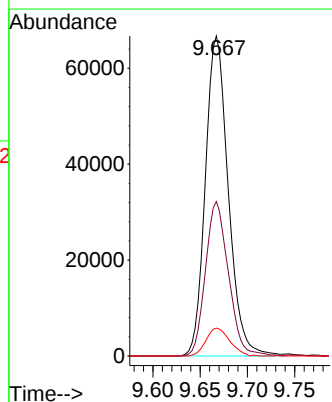
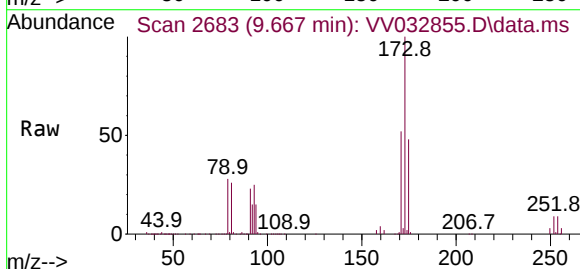
Instrument :
MSVOA_V
ClientSampleId :

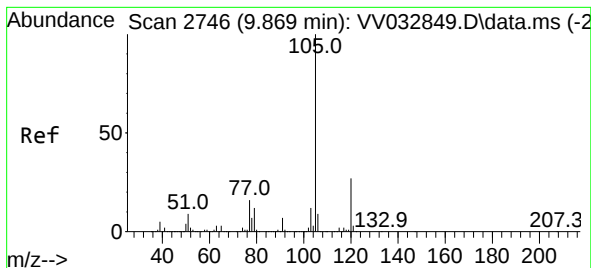
Tgt Ion: 83 Resp: 223939
Ion Ratio Lower Upper
83 100
85 65.4 44.9 83.3
131 10.7 7.8 11.6



#59
Bromoform
Concen: 46.371 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.000 min
Lab File: VV032855.D
Acq: 06 Nov 2023 15:58

Tgt Ion: 173 Resp: 112673
Ion Ratio Lower Upper
173 100
175 48.3 38.4 57.6
254 9.0 7.0 10.6





#60

Isopropylbenzene

Concen: 47.735 ug/L

RT: 9.870 min Scan# 21

Delta R.T. 0.000 min

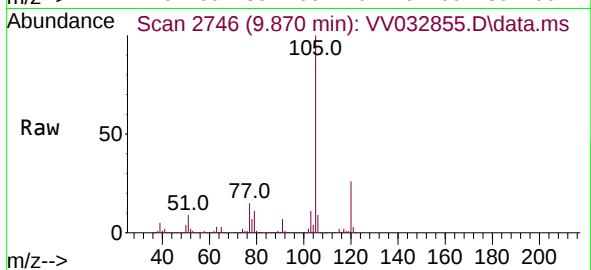
Lab File: VV032855.D

Acq: 06 Nov 2023 15:58

Instrument :

MSVOA_V

ClientSampleId :



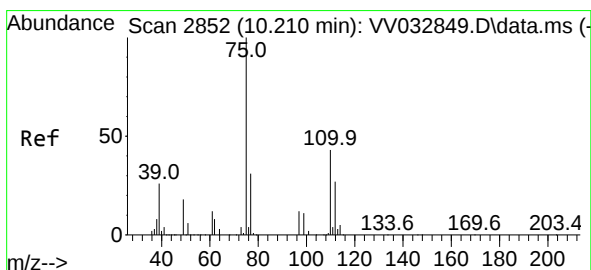
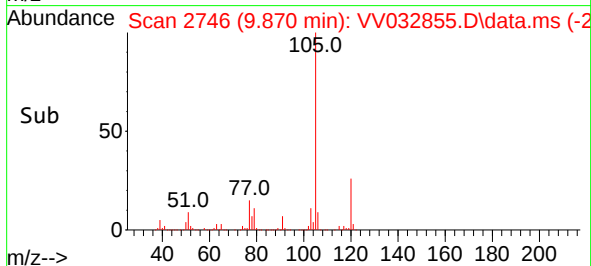
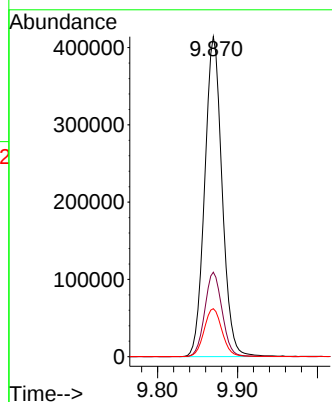
Tgt Ion:105 Resp: 627364

Ion Ratio Lower Upper

105 100

120 26.5 21.1 31.7

77 15.4 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 46.970 ug/L

RT: 10.211 min Scan# 2852

Delta R.T. 0.000 min

Lab File: VV032855.D

Acq: 06 Nov 2023 15:58

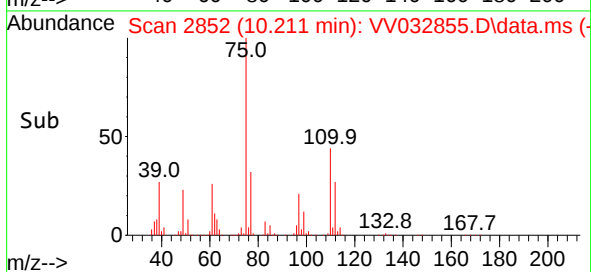
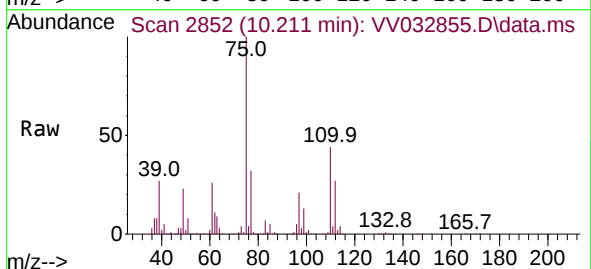
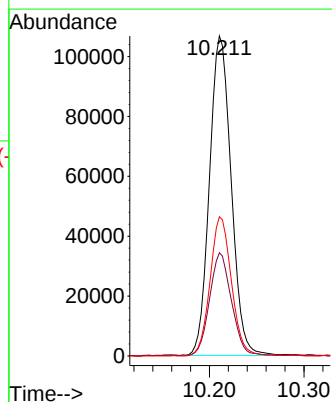
Tgt Ion: 75 Resp: 170027

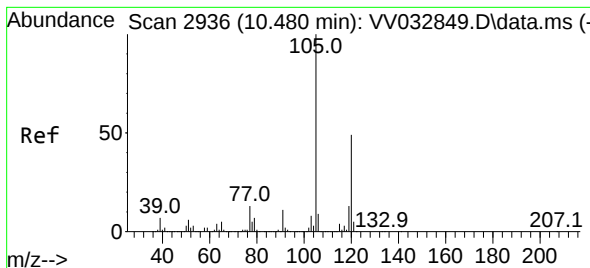
Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.0

110 43.2 34.3 51.5





#62

1,3,5-Trimethylbenzene

Concen: 48.307 ug/L

RT: 10.481 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VV032855.D

Acq: 06 Nov 2023 15:58

Instrument :

MSVOA_V

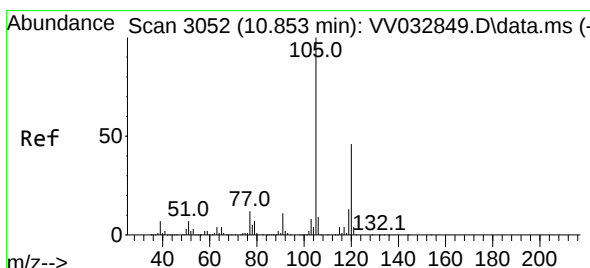
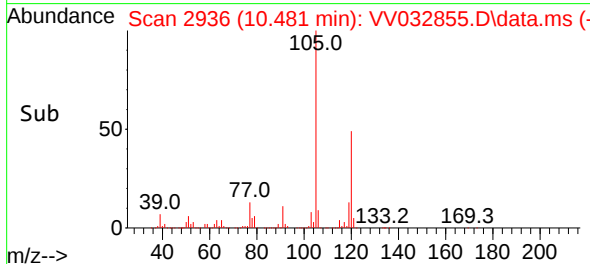
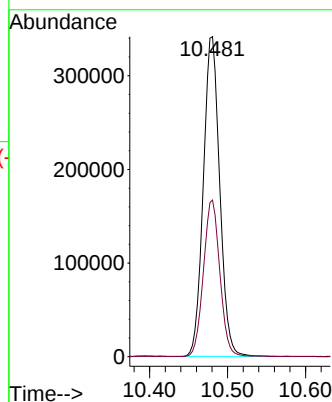
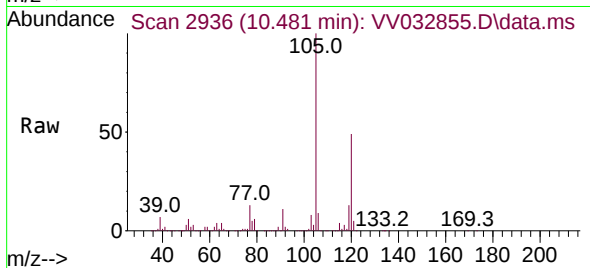
ClientSampleId :

Tgt Ion:105 Resp: 499597

Ion Ratio Lower Upper

105 100

120 49.0 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 49.189 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VV032855.D

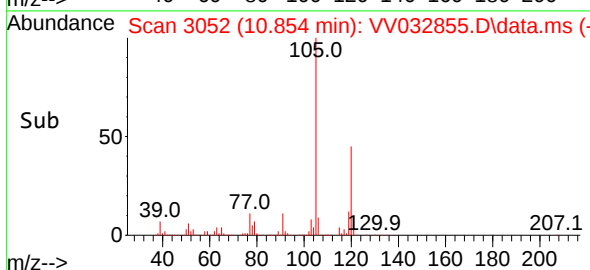
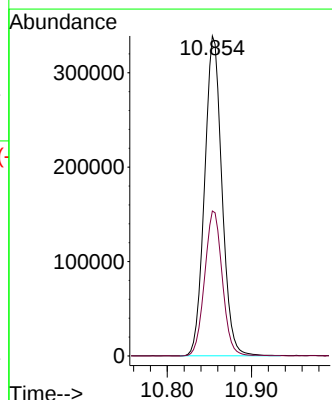
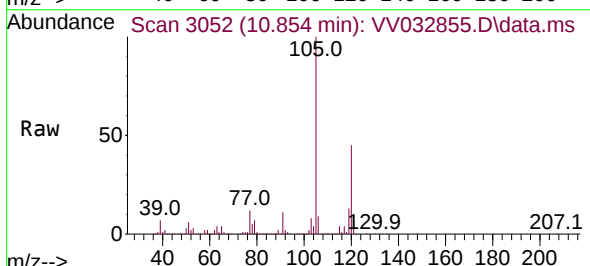
Acq: 06 Nov 2023 15:58

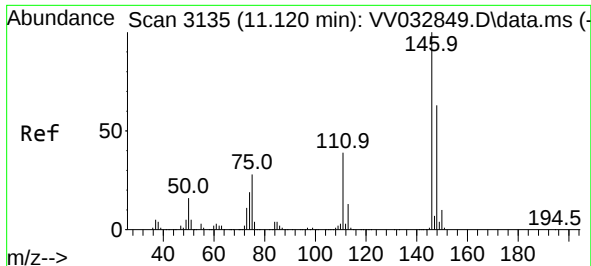
Tgt Ion:105 Resp: 486637

Ion Ratio Lower Upper

105 100

120 46.0 37.0 55.6

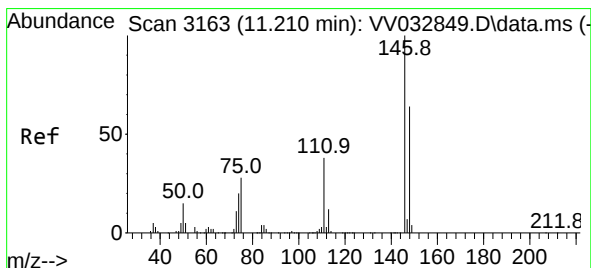
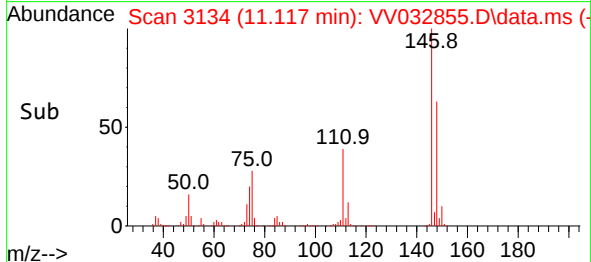
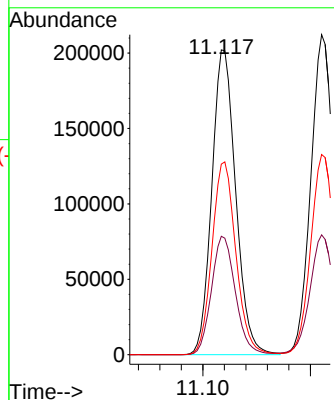
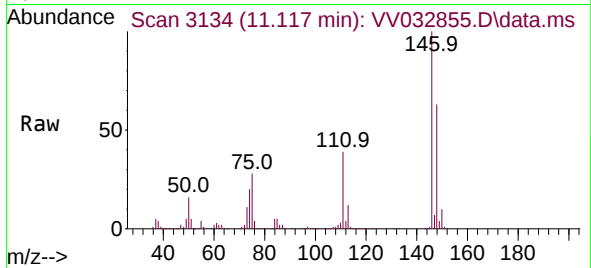




#64
1,3-Dichlorobenzene
Concen: 45.579 ug/L
RT: 11.117 min Scan# 3135
Delta R.T. -0.003 min
Lab File: VV032855.D
Acq: 06 Nov 2023 15:58

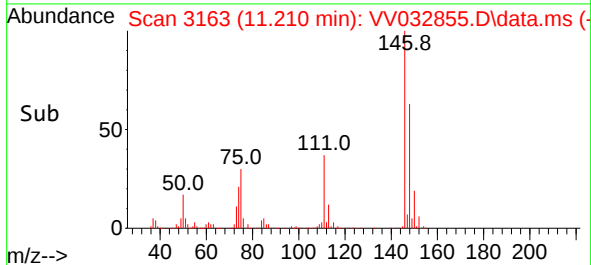
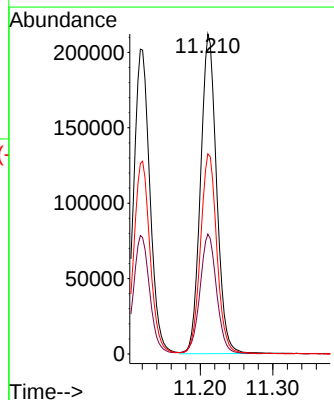
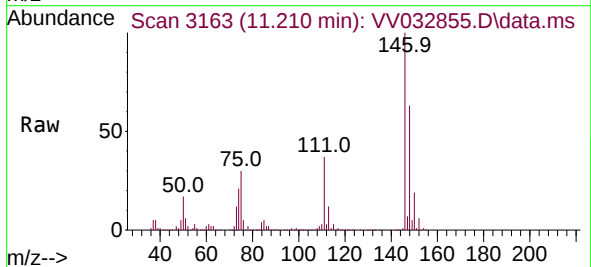
Instrument :
MSVOA_V
ClientSampleId :

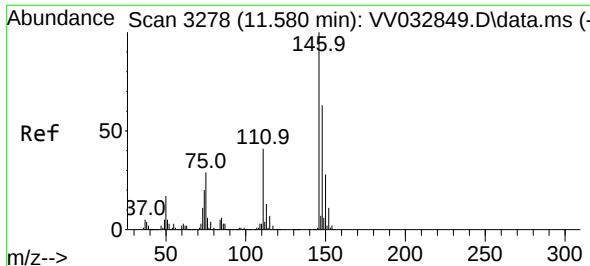
Tgt Ion:146 Resp: 312075
Ion Ratio Lower Upper
146 100
111 38.9 27.2 50.4
148 62.5 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 45.164 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV032855.D
Acq: 06 Nov 2023 15:58

Tgt Ion:146 Resp: 326281
Ion Ratio Lower Upper
146 100
111 37.5 26.5 49.1
148 62.5 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 45.479 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032855.D

Acq: 06 Nov 2023 15:58

Instrument :

MSVOA_V

ClientSampleId :

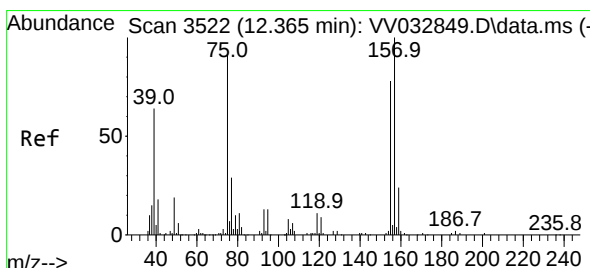
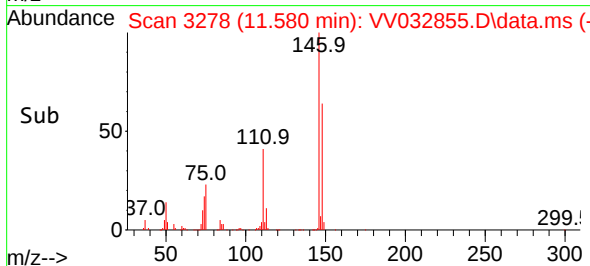
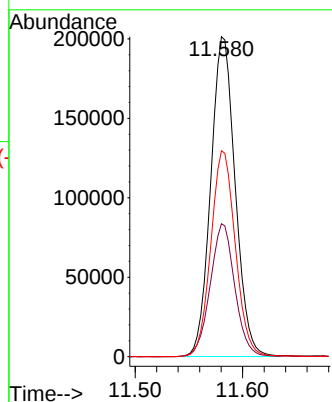
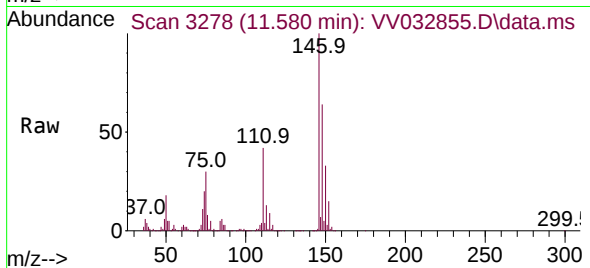
Tgt Ion:146 Resp: 317888

Ion Ratio Lower Upper

146 100

111 41.5 32.5 48.7

148 64.4 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 45.515 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.003 min

Lab File: VV032855.D

Acq: 06 Nov 2023 15:58

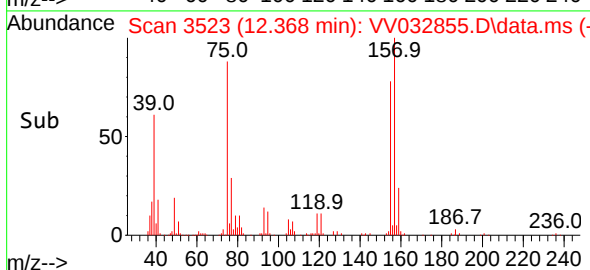
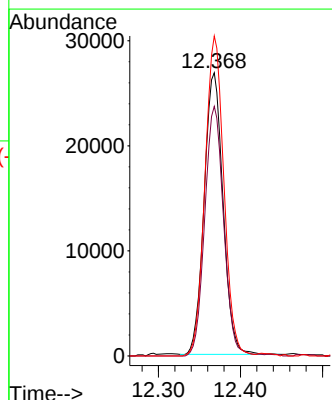
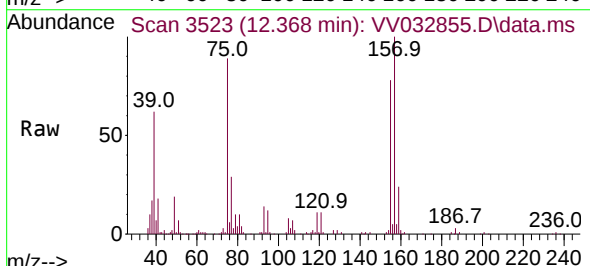
Tgt Ion: 75 Resp: 42879

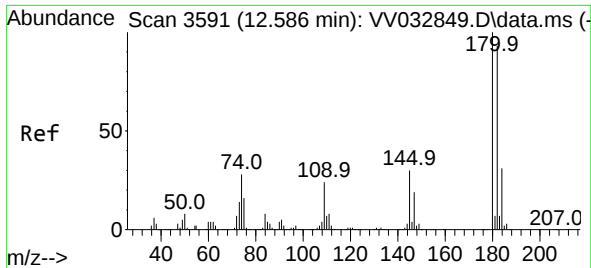
Ion Ratio Lower Upper

75 100

155 88.1 68.6 102.8

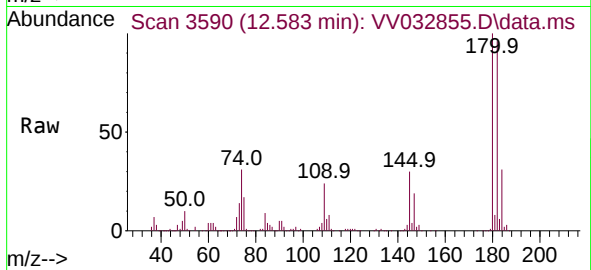
157 113.0 87.3 130.9



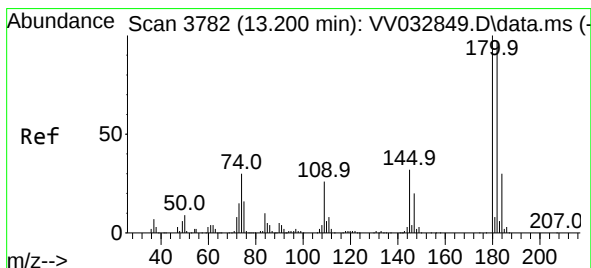
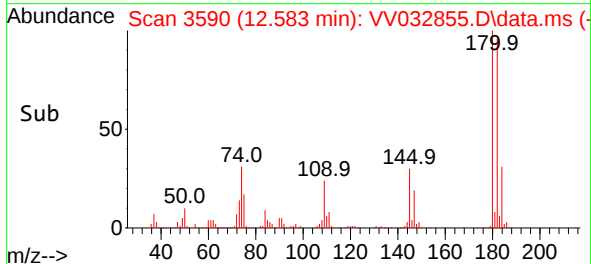
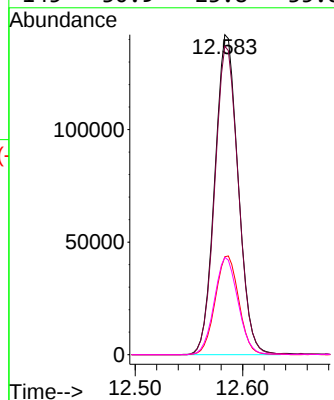


#69
 1,3,5-Trichlorobenzene
 Concen: 43.466 ug/L
 RT: 12.583 min Scan# 3591
 Delta R.T. -0.003 min
 Lab File: VV032855.D
 Acq: 06 Nov 2023 15:58

Instrument :
 MSVOA_V
 ClientSampleId :

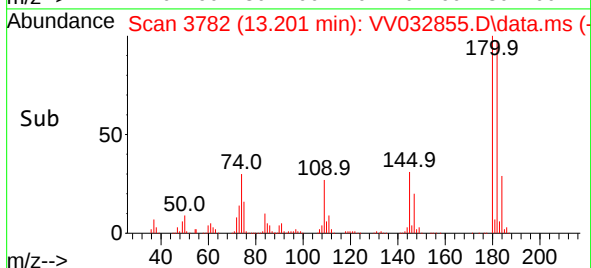
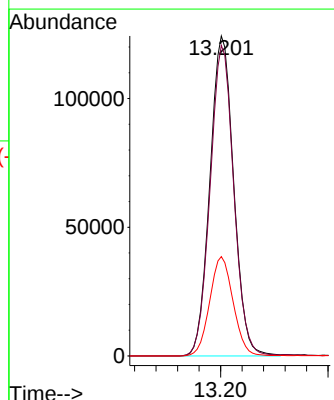
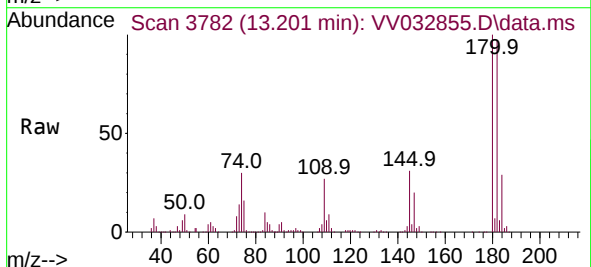


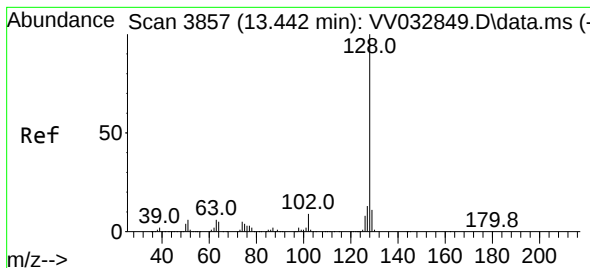
Tgt Ion:180 Resp: 214847
 Ion Ratio Lower Upper
 180 100
 182 97.1 75.9 113.9
 184 31.0 23.5 35.3
 145 30.9 23.8 35.8



#70
 1,2,4-trichlorobenzene
 Concen: 44.592 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.000 min
 Lab File: VV032855.D
 Acq: 06 Nov 2023 15:58

Tgt Ion:180 Resp: 190616
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.9 115.3
 145 30.6 24.7 37.1





#71

Naphthalene

Concen: 50.571 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.000 min

Lab File: VV032855.D

Acq: 06 Nov 2023 15:58

Instrument :

MSVOA_V

ClientSampleId :

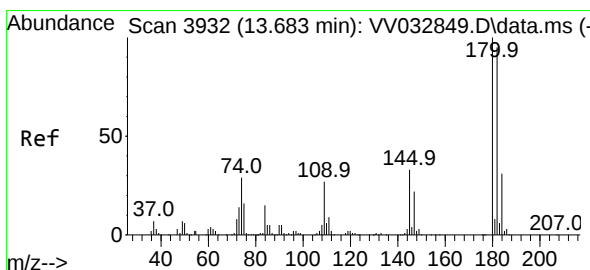
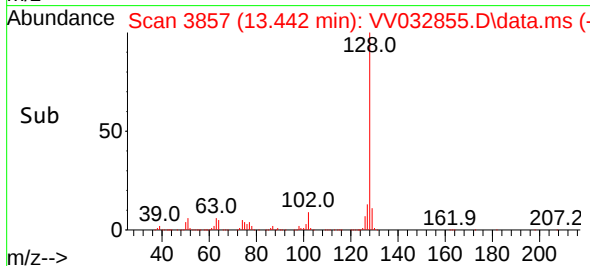
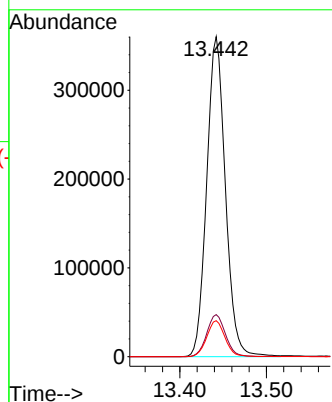
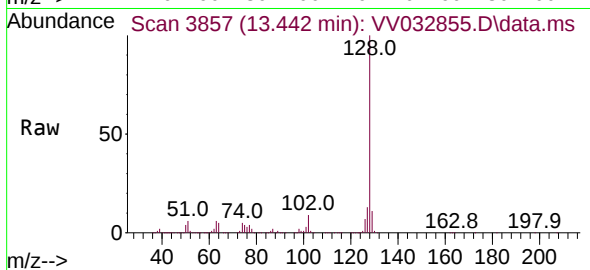
Tgt Ion:128 Resp: 539827

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 11.0 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 47.788 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.000 min

Lab File: VV032855.D

Acq: 06 Nov 2023 15:58

Tgt Ion:180 Resp: 203957

Ion Ratio Lower Upper

180 100

182 96.0 76.2 114.4

145 33.0 25.8 38.8

