

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110723\
 Data File : VW032875.D
 Acq On : 07 Nov 2023 17:25
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 01:41:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 08 01:37:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	331413	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	369349	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	202069	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	100133	31.766	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.540%
7) Chloroethane-d5	1.532	69	99295	37.664	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.320%
11) 1,1-Dichloroethene-d2	2.060	65	44750	34.371	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.740%
21) 2-Butanone-d5	3.786	46	146123	106.873	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.870%
24) Chloroform-d	4.252	84	228428	45.400	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	4.944	65	138356	44.245	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.480%
32) Benzene-d6	4.963	84	403619	42.502	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	5.992	67	121253	42.027	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.060%
41) Toluene-d8	7.246	98	405026	43.315	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.620%
43) trans-1,3-Dichloroprop...	7.555	79	68130	45.342	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.680%
47) 2-Hexanone-d5	8.027	63	114545	108.752	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.750%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	224751	51.335	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.680%
66) 1,2-Dichlorobenzene-d4	11.564	152	179579	46.117	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	121979	41.829	ug/L	99
3) Chloromethane	1.217	50	120825	42.828	ug/L	99
5) Vinyl chloride	1.285	62	129908	43.184	ug/L	99
6) Bromomethane	1.484	94	91660	43.668	ug/L	95
8) Chloroethane	1.548	64	91087	44.978	ug/L	96
9) Trichlorofluoromethane	1.716	101	219285	45.742	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	130740	45.072	ug/L	99
12) 1,1-Dichloroethene	2.069	96	112462	45.370	ug/L	83
13) Acetone	2.111	43	138793	60.646	ug/L	98
14) Carbon disulfide	2.243	76	257684	43.549	ug/L	100
15) Methyl Acetate	2.375	43	116048	50.011	ug/L	98
16) Methylene chloride	2.449	84	130100	39.570	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	106126	44.857	ug/L	96
18) Methyl tert-butyl Ether	2.706	73	366522	52.459	ug/L	99
19) 1,1-Dichloroethane	3.114	63	208637	46.275	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	126756	48.512	ug/L	99
22) 2-Butanone	3.867	43	159719	82.294	ug/L	99
23) Bromochloromethane	4.150	128	72599	49.782	ug/L	99
25) Chloroform	4.278	83	240260	46.754	ug/L	98

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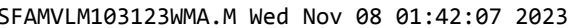
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 Quant Title : VOC Analysis
 QLast Update : Wed Nov 08 01:37:19 2023
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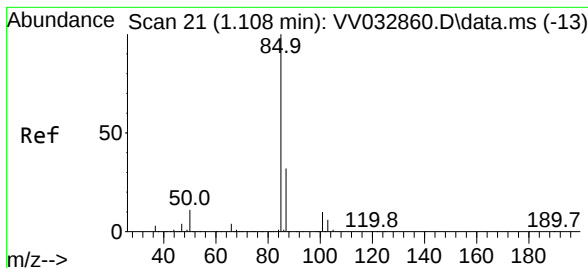
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

27) 1,2-Dichloroethane	5.043	62	184140	49.722	ug/L	98
29) Cyclohexane	4.587	56	143391	43.197	ug/L #	94
30) 1,1,1-Trichloroethane	4.516	97	208198	47.049	ug/L	98
31) Carbon tetrachloride	4.738	117	179286	45.850	ug/L	99
33) Benzene	5.011	78	471818	48.175	ug/L	100
34) Trichloroethene	5.834	95	121963	44.735	ug/L	98
35) Methylcyclohexane	6.053	83	191472	44.883	ug/L	96
37) 1,2-Dichloropropane	6.095	63	134338	51.673	ug/L	98
38) Bromodichloromethane	6.436	83	195227	47.867	ug/L	97
39) cis-1,3-Dichloropropene	6.957	75	195200	50.049	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	344330	111.760	ug/L	98
42) Toluene	7.317	91	555545	49.809	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	200552	50.062	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	148162	49.687	ug/L	100
46) Tetrachloroethene	7.908	164	108596	44.146	ug/L	96
48) 2-Hexanone	8.075	43	261815	94.711	ug/L	98
49) Dibromochloromethane	8.178	129	157642	50.566	ug/L	98
50) 1,2-Dibromoethane	8.284	107	156432	51.493	ug/L	99
51) Chlorobenzene	8.815	112	375102	47.505	ug/L	99
52) Ethylbenzene	8.950	91	603381	49.042	ug/L	100
53) m,p-Xylene	9.075	106	235515	50.297	ug/L	97
54) o-Xylene	9.481	106	227521	50.156	ug/L	97
55) Styrene	9.497	104	416694	52.710	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	235595	52.752	ug/L	99
59) Bromoform	9.667	173	116665	51.495	ug/L	99
60) Isopropylbenzene	9.870	105	619270	50.535	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	173158	51.303	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	497440	51.585	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	487684	52.868	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	315538	49.426	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	326075	48.407	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	322052	49.414	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.368	75	45795	52.134	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	224419	48.694	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	204024	51.189	ug/L	99
71) Naphthalene	13.442	128	629728	63.269	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	217658	54.695	ug/L	100

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

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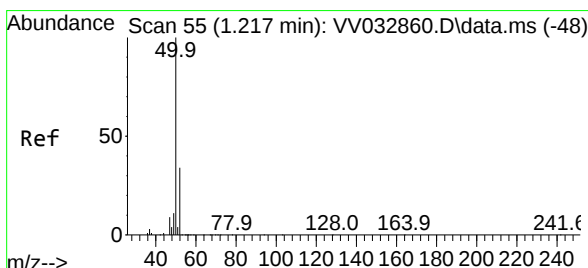
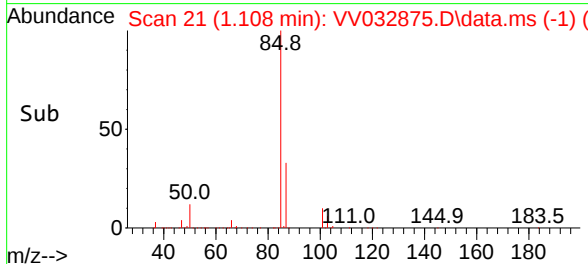
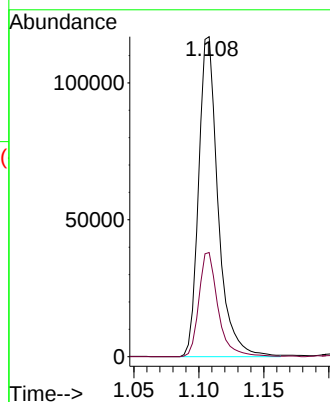
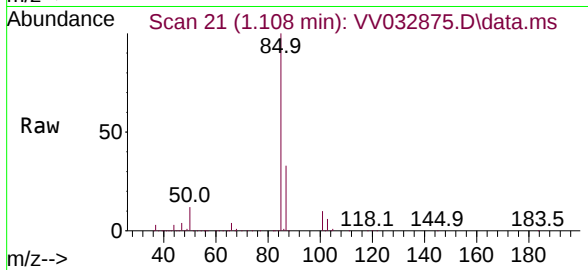




#2
Dichlorodifluoromethane
Concen: 41.829 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

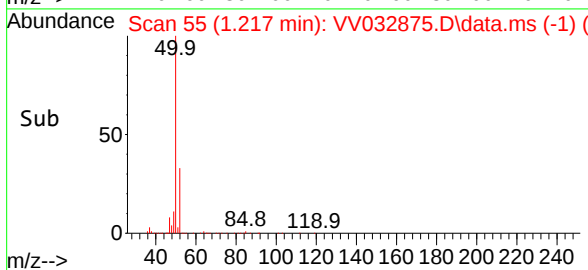
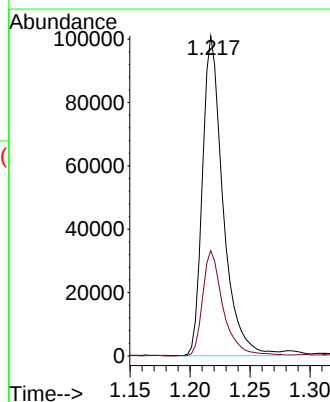
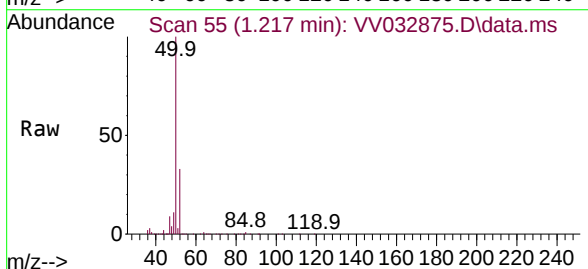
Instrument :
MSVOA_V
ClientSampleId :

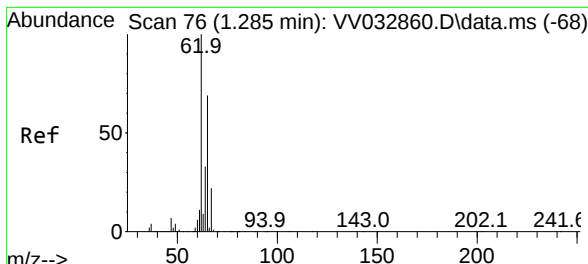
Tgt Ion: 85 Resp: 121979
Ion Ratio Lower Upper
85 100
87 32.1 26.2 39.4



#3
Chloromethane
Concen: 42.828 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

Tgt Ion: 50 Resp: 120825
Ion Ratio Lower Upper
50 100
52 32.9 23.5 43.7

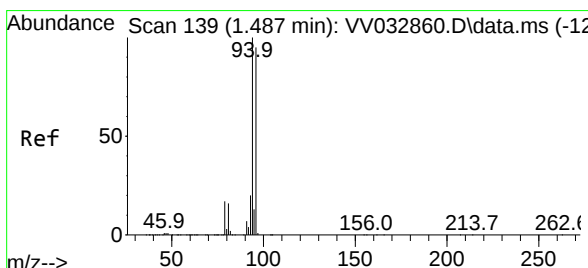
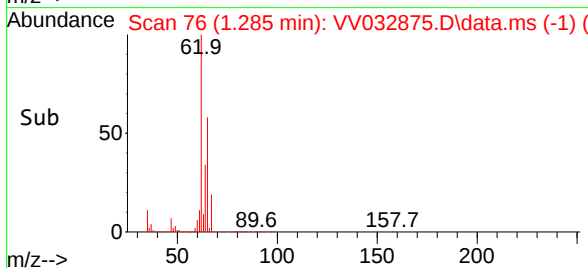
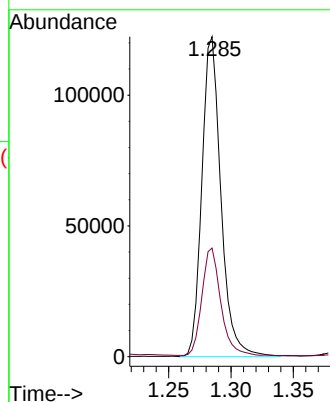
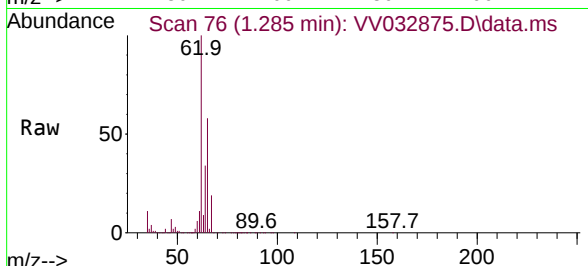




#5
 Vinyl chloride
 Concen: 43.184 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV032875.D
 Acq: 07 Nov 2023 17:25

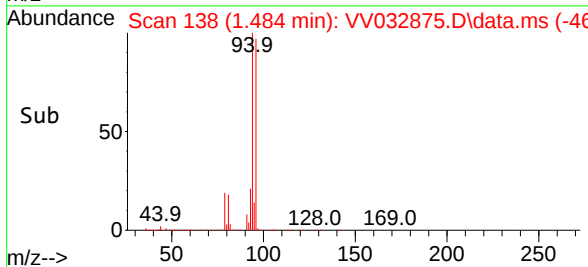
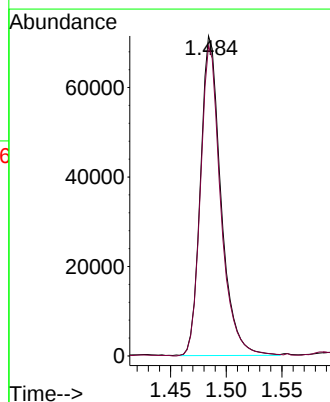
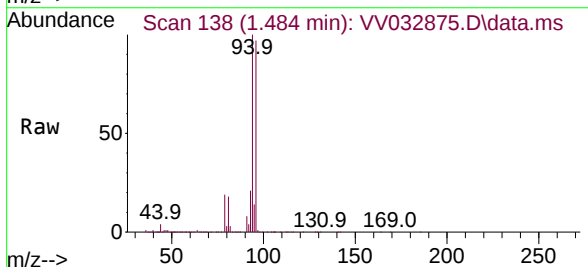
Instrument :
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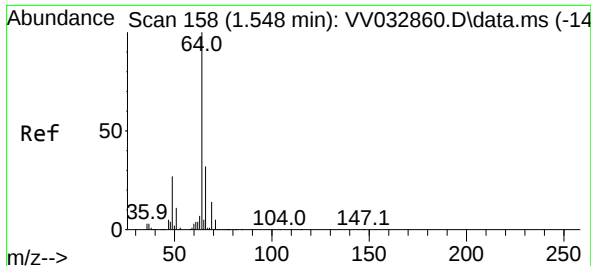
Tgt Ion: 62 Resp: 129908
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.2 43.0



#6
 Bromomethane
 Concen: 43.668 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV032875.D
 Acq: 07 Nov 2023 17:25

Tgt Ion: 94 Resp: 91660
 Ion Ratio Lower Upper
 94 100
 96 96.9 64.2 119.2

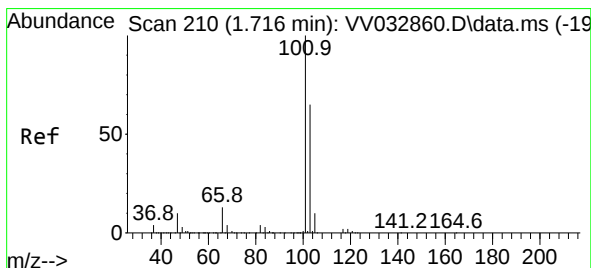
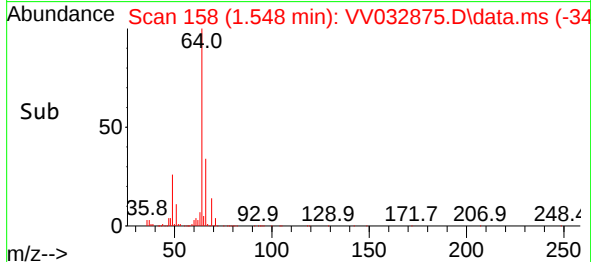
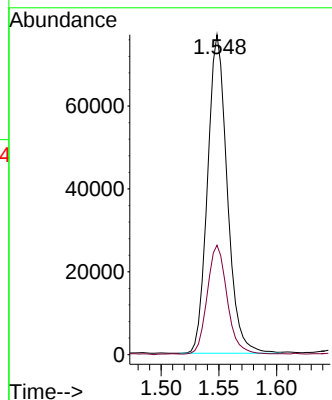
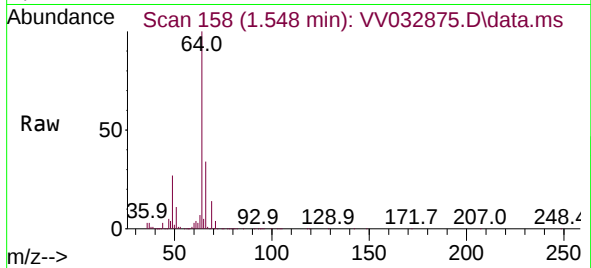




#8
Chloroethane
Concen: 44.978 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

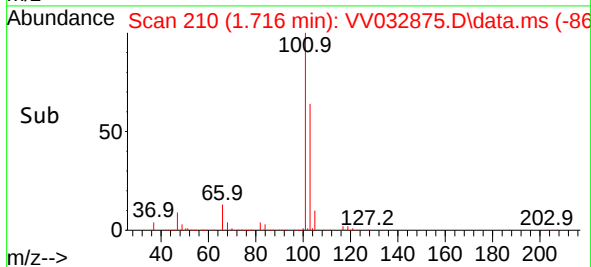
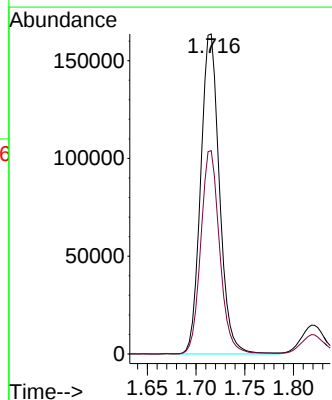
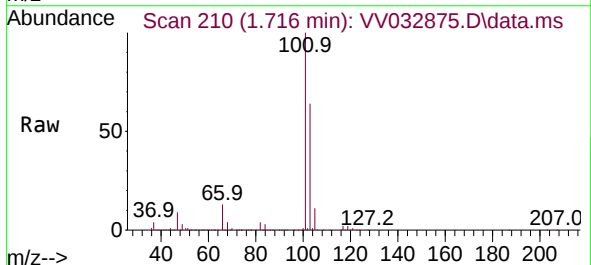
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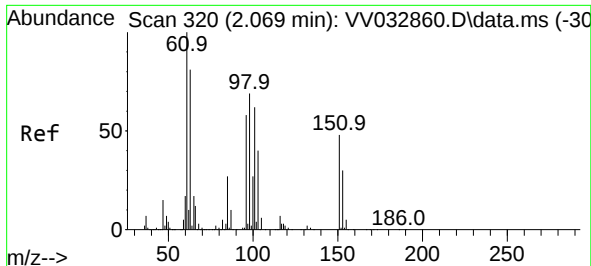
Tgt Ion: 64 Resp: 91087
Ion Ratio Lower Upper
64 100
66 34.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 45.742 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

Tgt Ion: 101 Resp: 219285
Ion Ratio Lower Upper
101 100
103 63.6 51.7 77.5

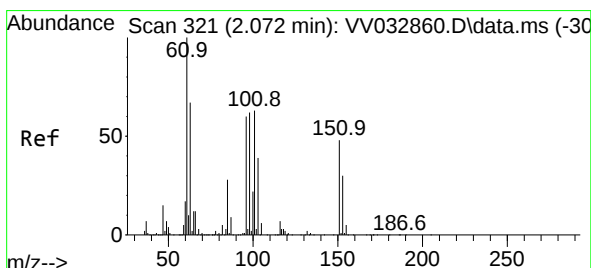
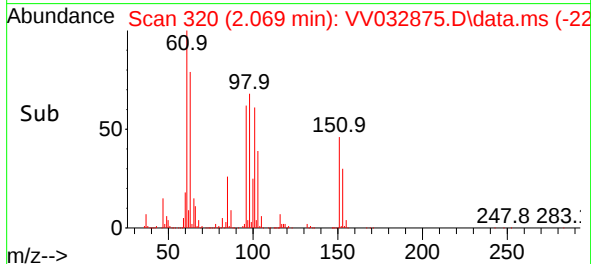
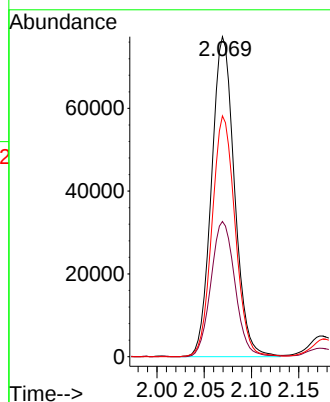
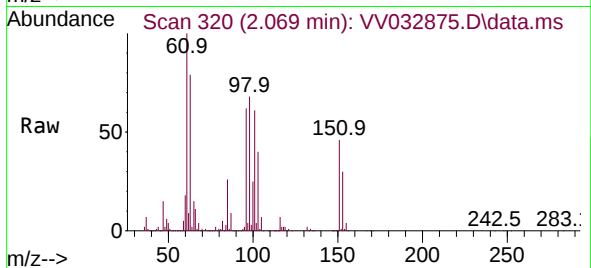




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.072 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV032875.D
 Acq: 07 Nov 2023 17:25

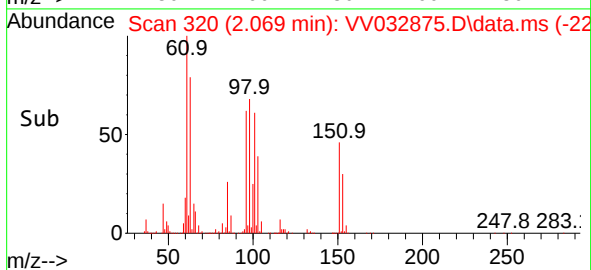
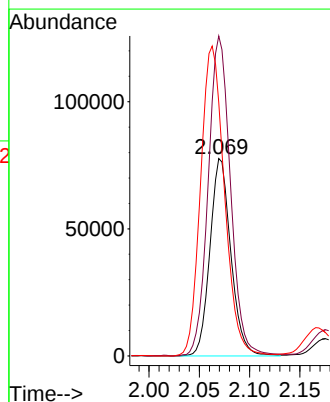
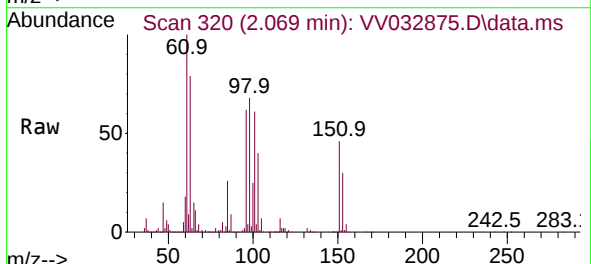
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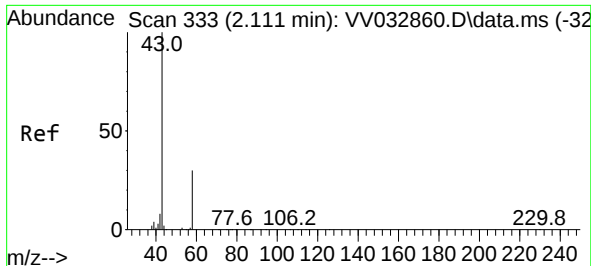
Tgt Ion:101 Resp: 130740
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.6 53.4
 151 75.6 59.9 89.9



#12
 1,1-Dichloroethene
 Concen: 45.370 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.003 min
 Lab File: VV032875.D
 Acq: 07 Nov 2023 17:25

Tgt Ion: 96 Resp: 112462
 Ion Ratio Lower Upper
 96 100
 61 162.0 124.2 230.6
 63 128.3 111.8 207.6





#13

Acetone

Concen: 60.646 ug/L

RT: 2.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032875.D

Acq: 07 Nov 2023 17:25

Instrument :

MSVOA_V

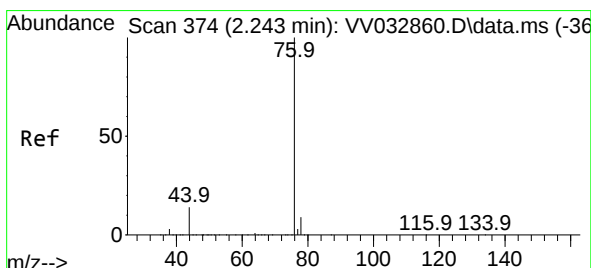
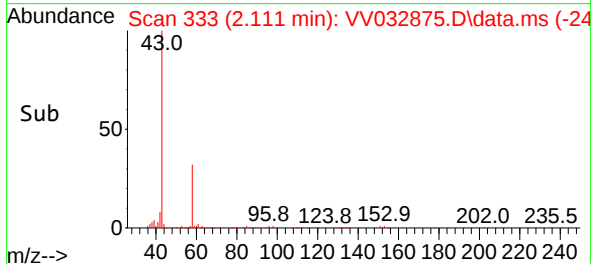
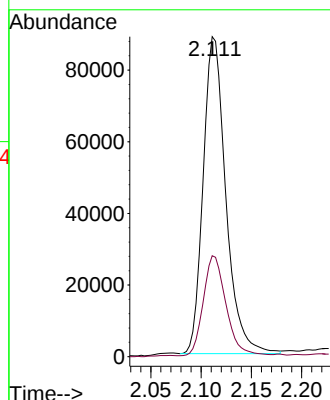
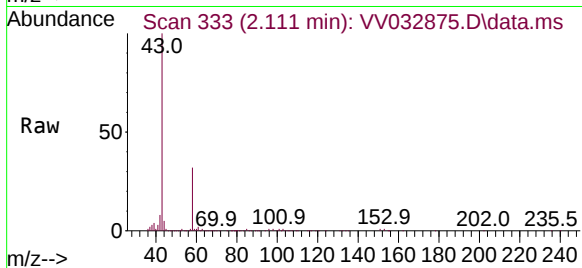
ClientSampleId :

Tgt Ion: 43 Resp: 138793

Ion Ratio Lower Upper

43 100

58 31.9 0.0 61.2



#14

Carbon disulfide

Concen: 43.549 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV032875.D

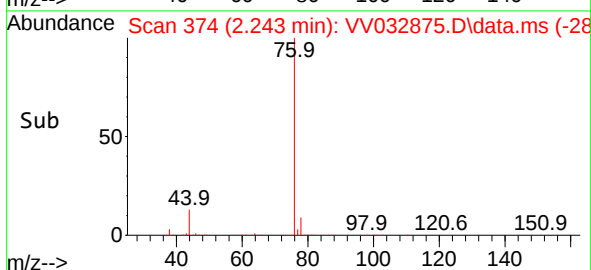
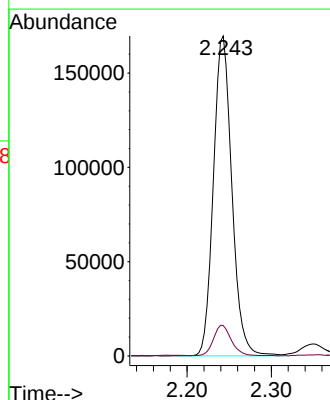
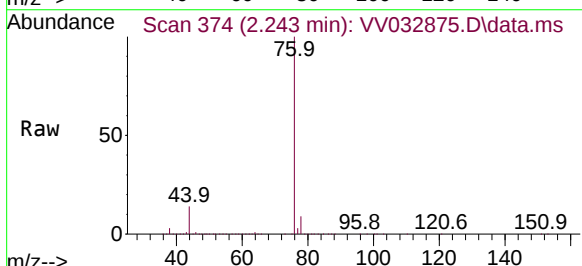
Acq: 07 Nov 2023 17:25

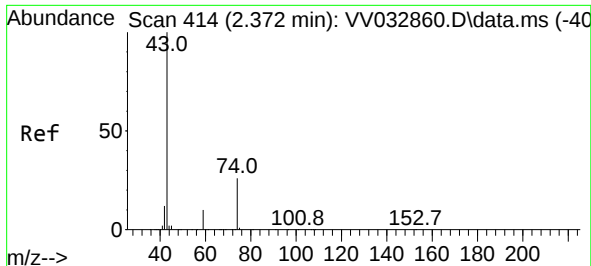
Tgt Ion: 76 Resp: 257684

Ion Ratio Lower Upper

76 100

78 9.5 7.6 11.4

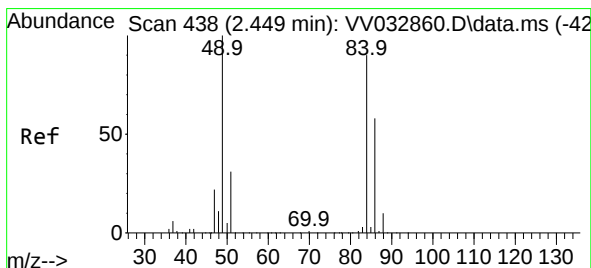
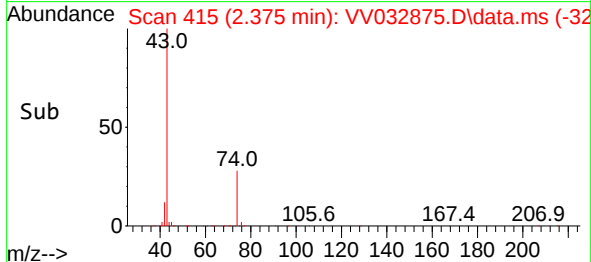
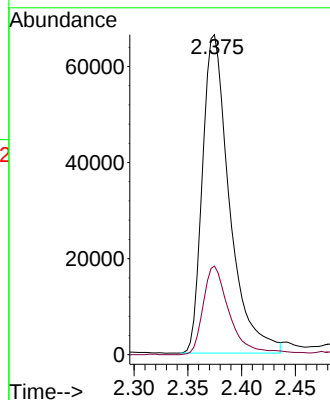
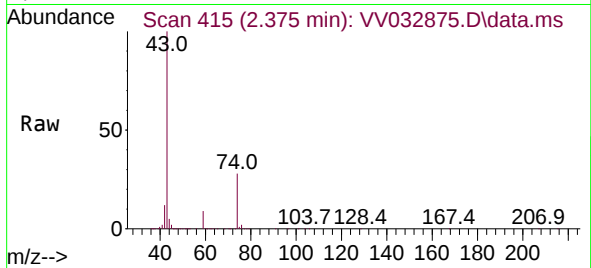




#15
Methyl Acetate
Concen: 50.011 ug/L
RT: 2.375 min Scan# 414
Delta R.T. 0.003 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

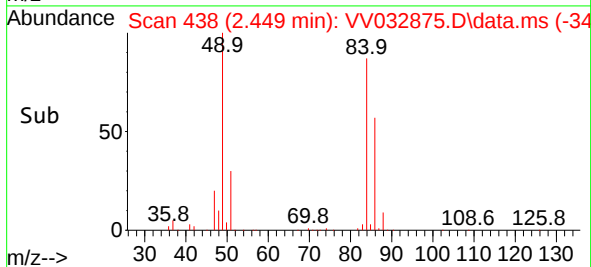
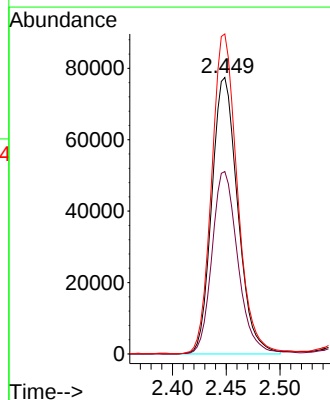
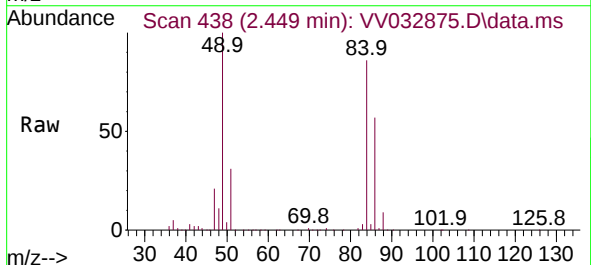
Instrument :
MSVOA_V
ClientSampleId :

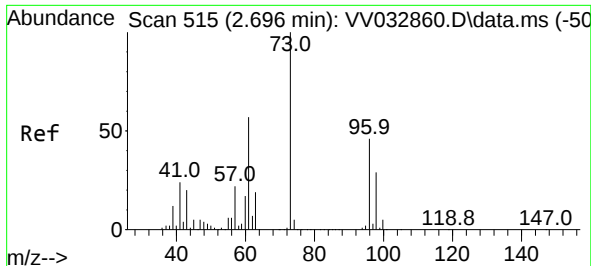
Tgt Ion: 43 Resp: 116048
Ion Ratio Lower Upper
43 100
74 26.6 20.6 30.8



#16
Methylene chloride
Concen: 39.570 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

Tgt Ion: 84 Resp: 130100
Ion Ratio Lower Upper
84 100
86 66.0 45.0 83.6
49 115.8 81.2 150.8





#17

trans-1,2-Dichloroethene

Concen: 44.857 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.000 min

Lab File: VV032875.D

Acq: 07 Nov 2023 17:25

Instrument :

MSVOA_V

ClientSampleId :

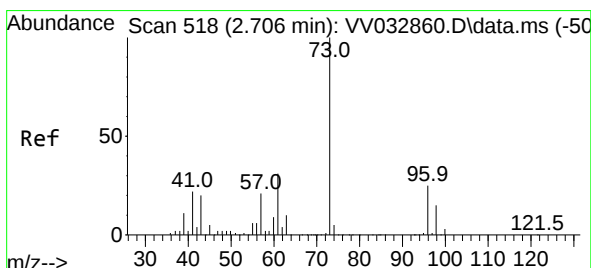
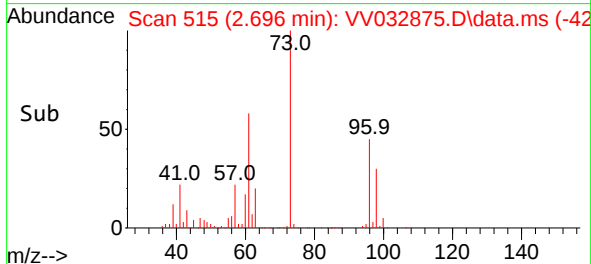
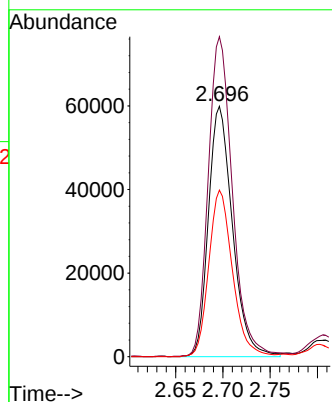
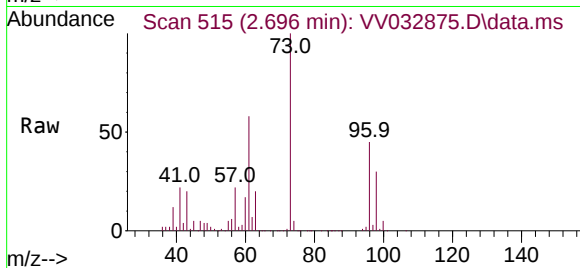
Tgt Ion: 96 Resp: 106126

Ion Ratio Lower Upper

96 100

61 127.8 86.9 161.3

98 66.5 42.9 79.7



#18

Methyl tert-butyl Ether

Concen: 52.459 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.000 min

Lab File: VV032875.D

Acq: 07 Nov 2023 17:25

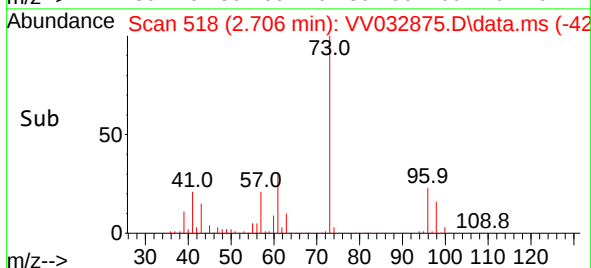
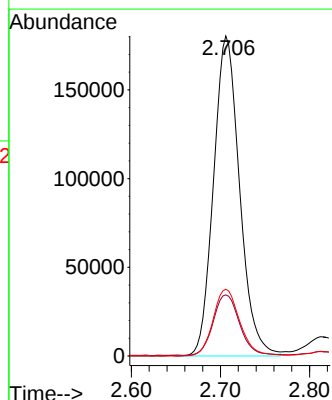
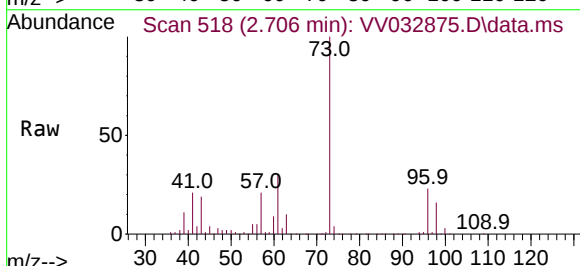
Tgt Ion: 73 Resp: 366522

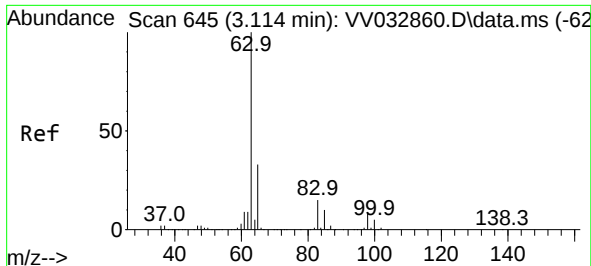
Ion Ratio Lower Upper

73 100

43 19.3 16.1 24.1

57 21.3 17.4 26.0

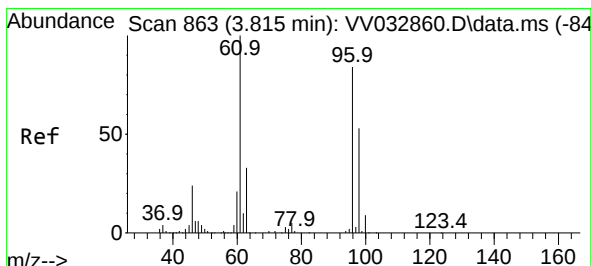
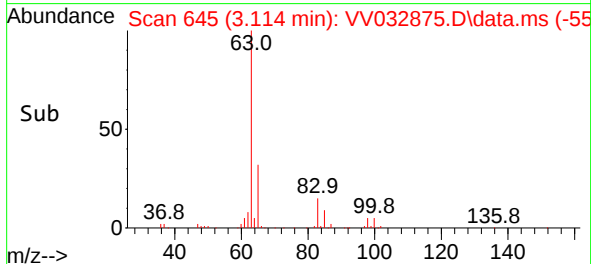
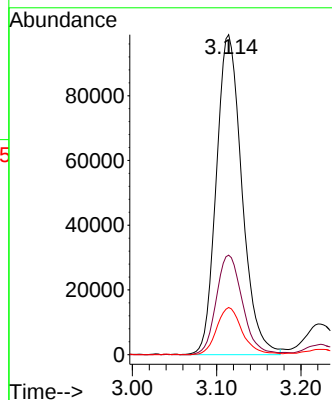
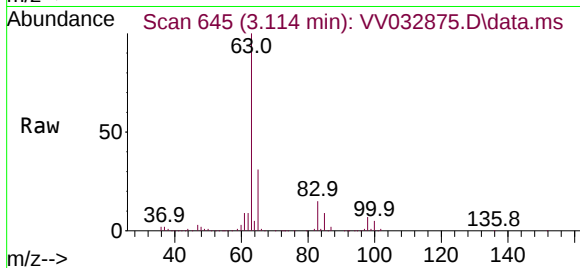




#19
1,1-Dichloroethane
Concen: 46.275 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.000 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

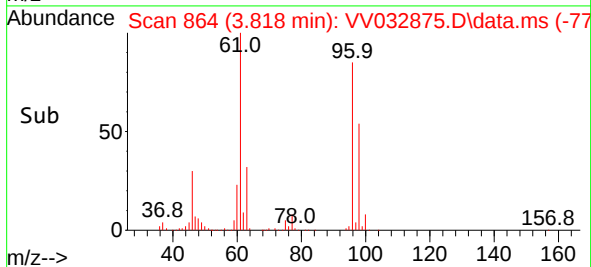
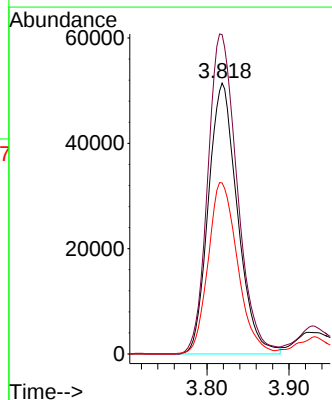
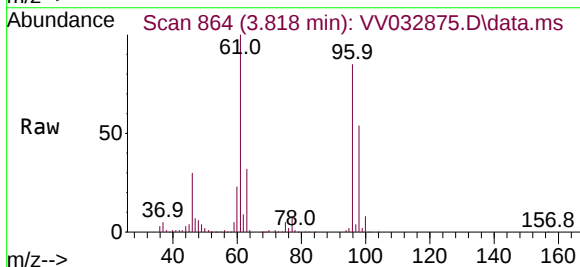
Instrument :
MSVOA_V
ClientSampleId :

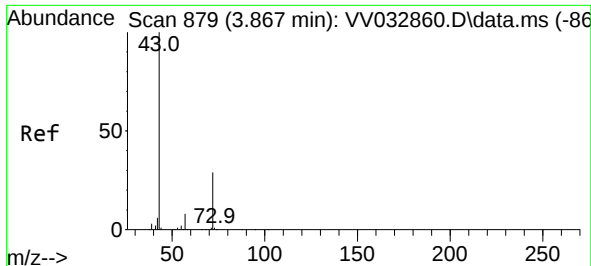
Tgt Ion: 63 Resp: 208637
Ion Ratio Lower Upper
63 100
65 31.1 22.3 41.5
83 14.8 10.1 18.7



#20
cis-1,2-Dichloroethene
Concen: 48.512 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.003 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

Tgt Ion: 96 Resp: 126756
Ion Ratio Lower Upper
96 100
61 117.9 83.3 154.7
98 63.2 44.2 82.2

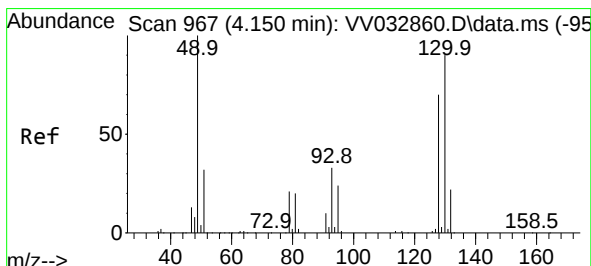
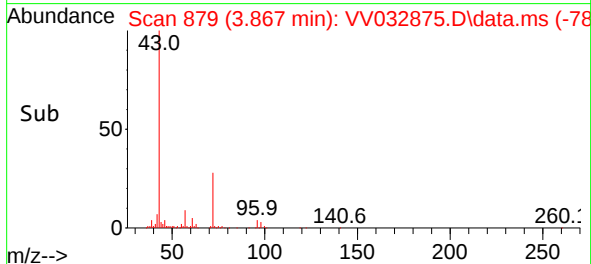
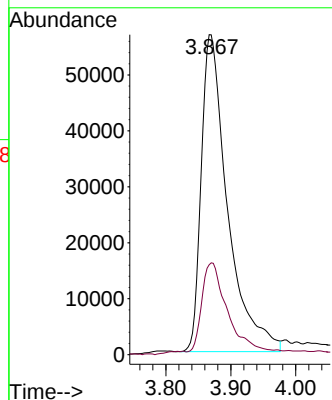
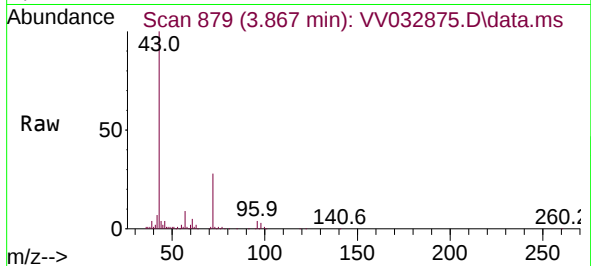




#22
2-Butanone
Concen: 82.294 ug/L
RT: 3.867 min Scan# 81
Delta R.T. 0.000 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

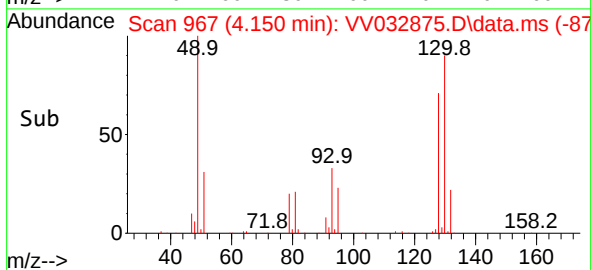
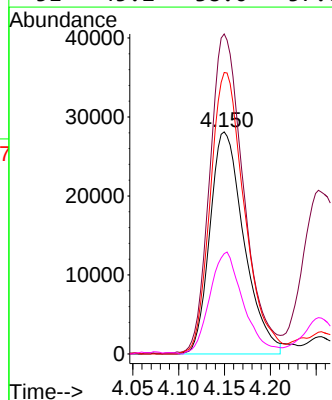
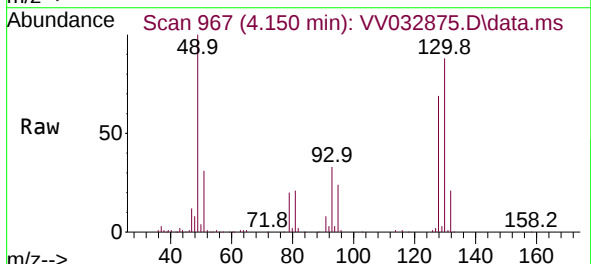
Instrument :
MSVOA_V
ClientSampleId :

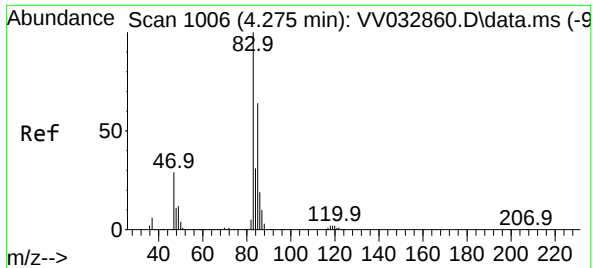
Tgt Ion: 43 Resp: 159719
Ion Ratio Lower Upper
43 100
72 27.2 13.5 40.4



#23
Bromochloromethane
Concen: 49.782 ug/L
RT: 4.150 min Scan# 967
Delta R.T. 0.000 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

Tgt Ion: 128 Resp: 72599
Ion Ratio Lower Upper
128 100
49 144.1 101.0 187.6
130 126.7 88.5 164.4
51 45.2 38.0 57.0

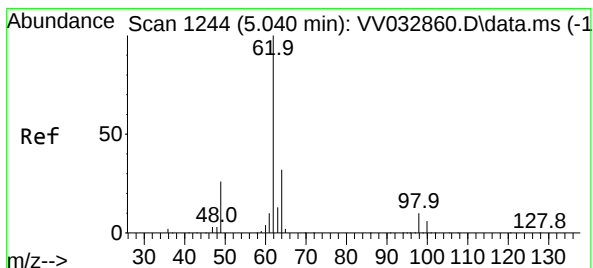
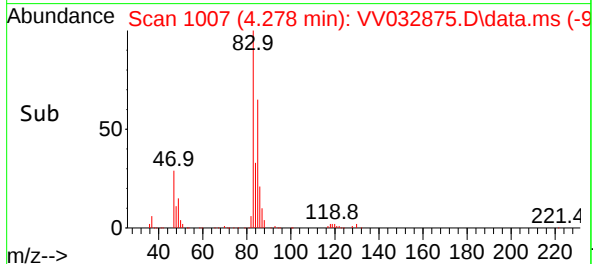
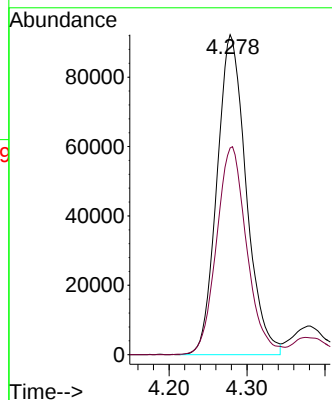
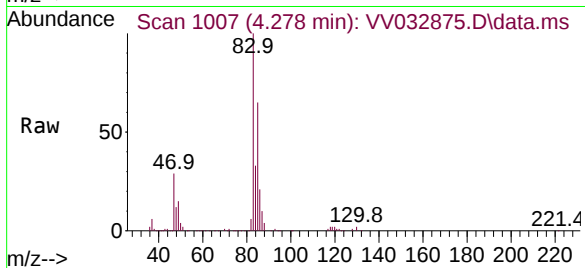




#25
Chloroform
Concen: 46.754 ug/L
RT: 4.278 min Scan# 1006
Delta R.T. 0.003 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

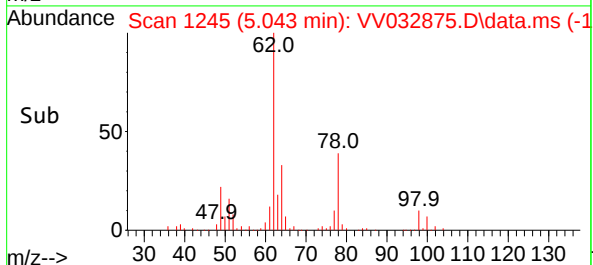
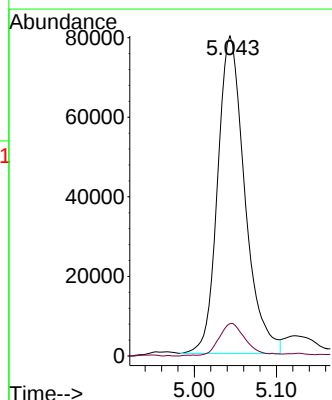
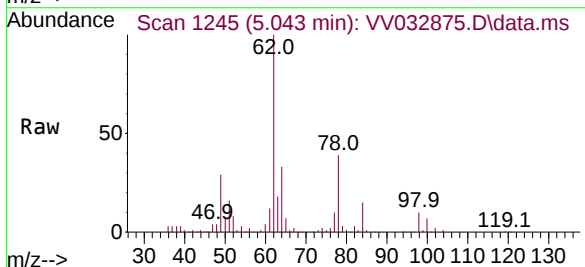
Instrument :
MSVOA_V
ClientSampleId :

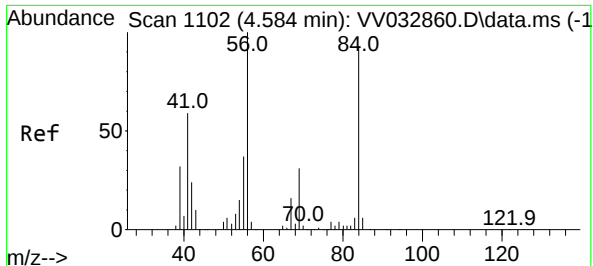
Tgt Ion: 83 Resp: 240260
Ion Ratio Lower Upper
83 100
85 64.6 46.2 85.8



#27
1,2-Dichloroethane
Concen: 49.722 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. 0.003 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

Tgt Ion: 62 Resp: 184140
Ion Ratio Lower Upper
62 100
98 10.1 7.5 11.3





#29

Cyclohexane

Concen: 43.197 ug/L

RT: 4.587 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV032875.D

Acq: 07 Nov 2023 17:25

Instrument :

MSVOA_V

ClientSampleId :

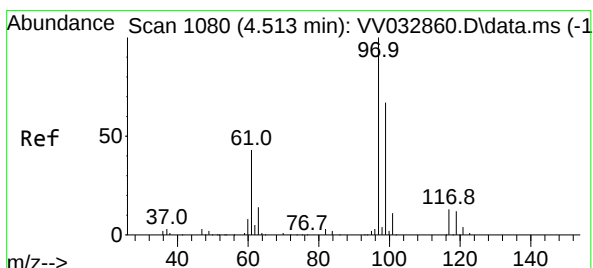
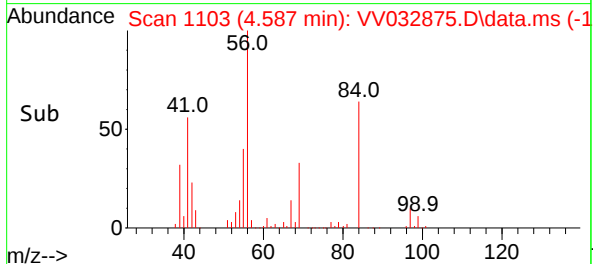
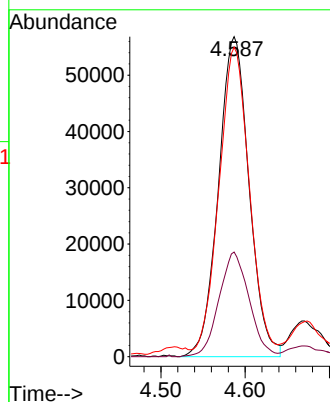
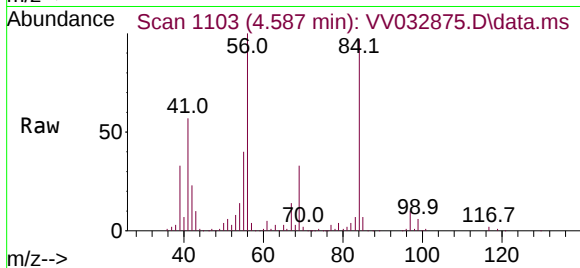
Tgt Ion: 56 Resp: 143391

Ion Ratio Lower Upper

56 100

69 32.1 13.4 20.0#

84 95.1 75.3 112.9



#30

1,1,1-Trichloroethane

Concen: 47.049 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. 0.003 min

Lab File: VV032875.D

Acq: 07 Nov 2023 17:25

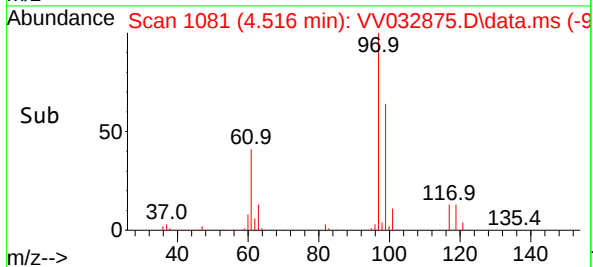
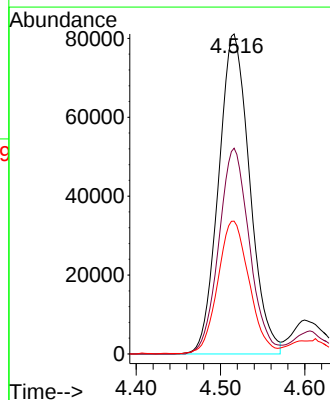
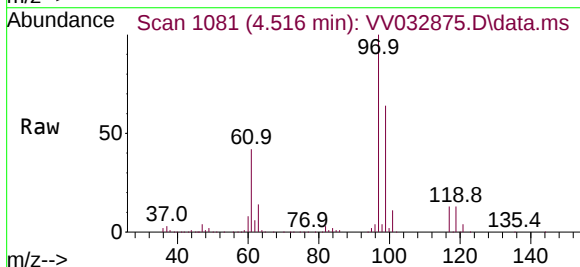
Tgt Ion: 97 Resp: 208198

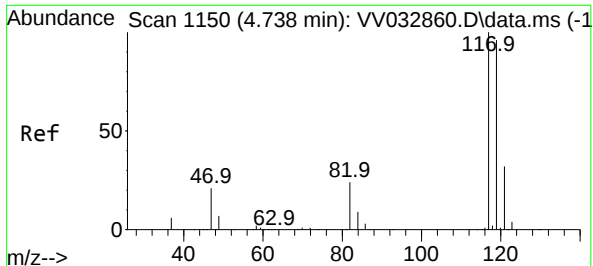
Ion Ratio Lower Upper

97 100

99 63.6 51.8 77.6

61 41.5 34.8 52.2

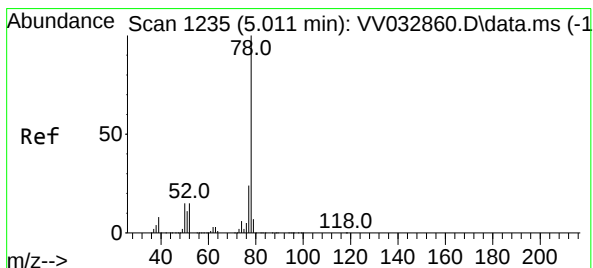
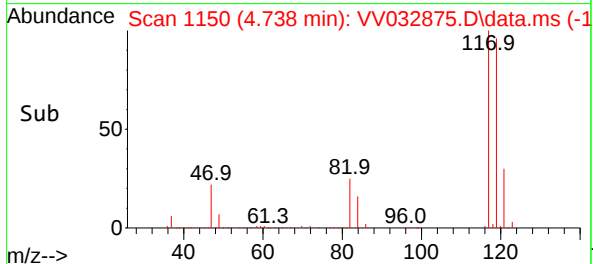
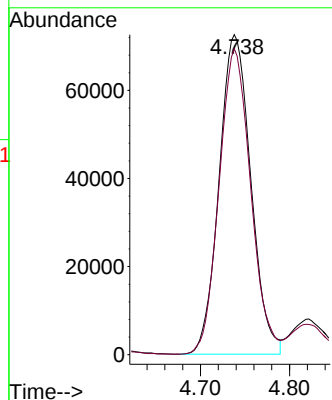
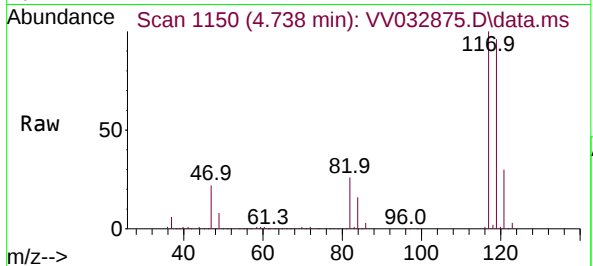




#31
Carbon tetrachloride
Concen: 45.850 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

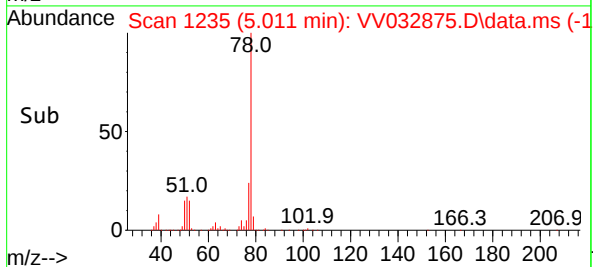
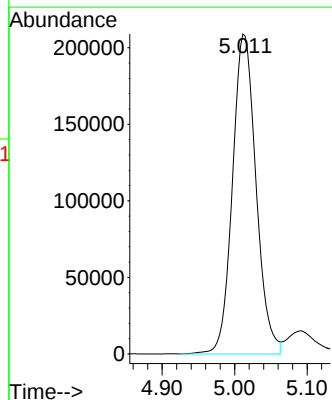
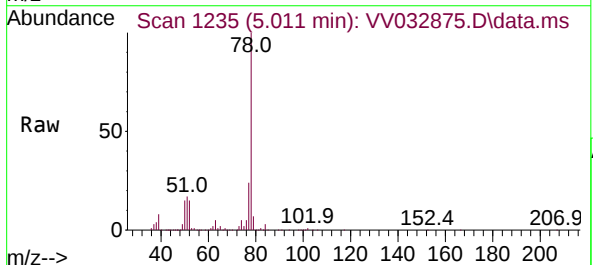
Instrument :
MSVOA_V
ClientSampleId :

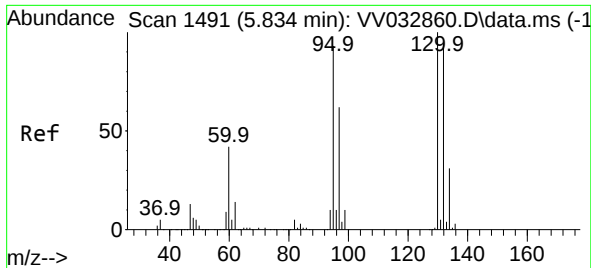
Tgt Ion:117 Resp: 179286
Ion Ratio Lower Upper
117 100
119 95.3 76.6 115.0



#33
Benzene
Concen: 48.175 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

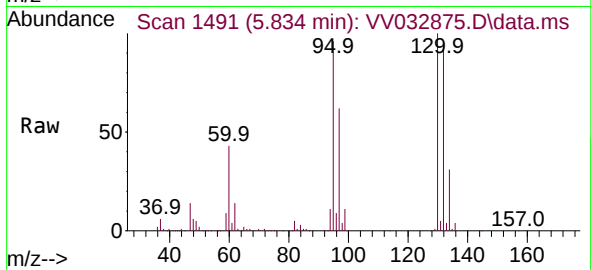
Tgt Ion: 78 Resp: 471818





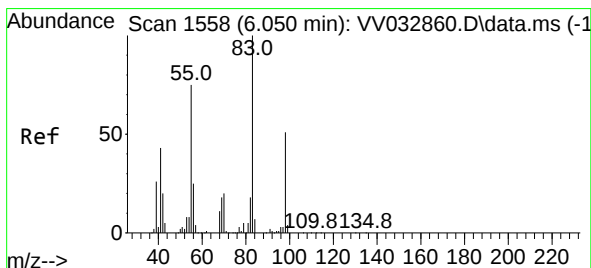
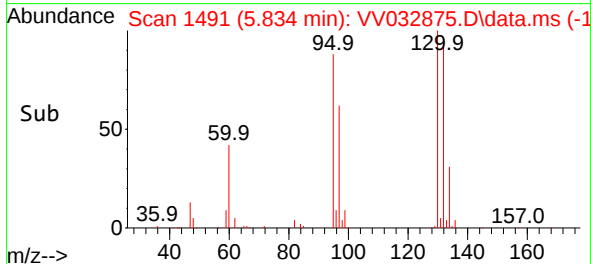
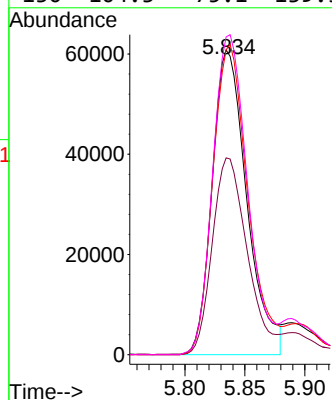
#34
Trichloroethene
Concen: 44.735 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 121963

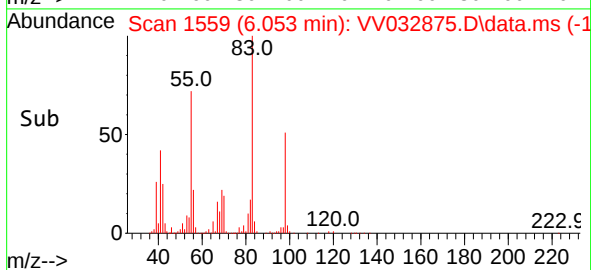
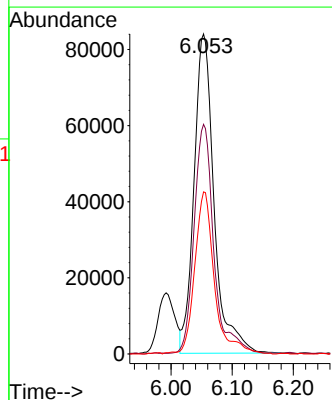
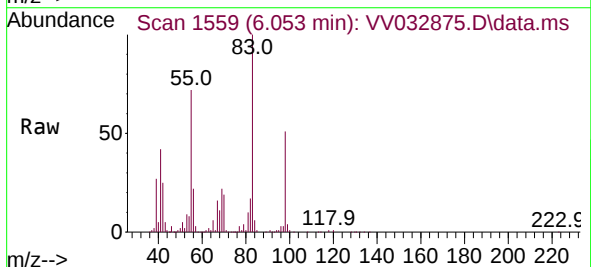
Ion	Ratio	Lower	Upper
95	100		
97	64.6	46.3	85.9
132	100.1	69.0	128.2
130	104.3	75.1	139.5

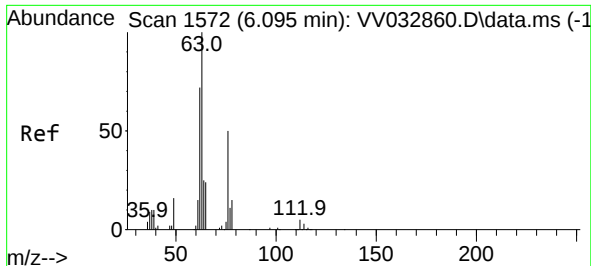


#35
Methylcyclohexane
Concen: 44.883 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.003 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

Tgt Ion: 83 Resp: 191472

Ion	Ratio	Lower	Upper
83	100		
55	66.3	57.8	86.8
98	49.6	39.4	59.2





#37

1,2-Dichloropropane

Concen: 51.673 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV032875.D

Acq: 07 Nov 2023 17:25

Instrument :

MSVOA_V

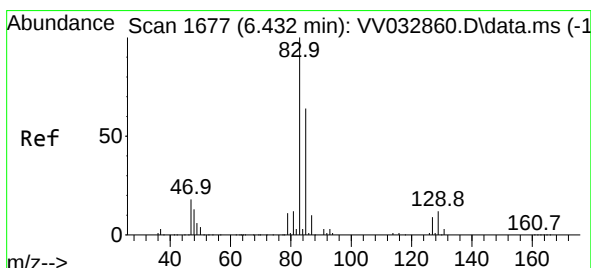
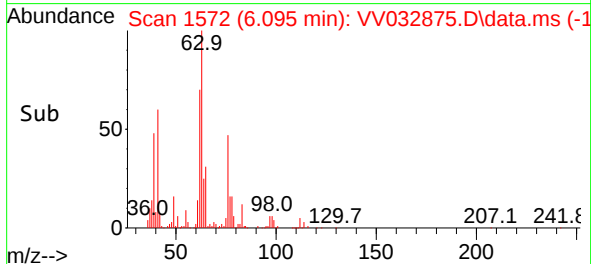
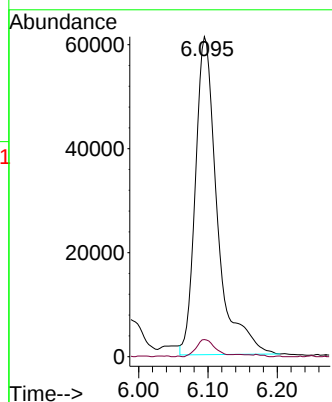
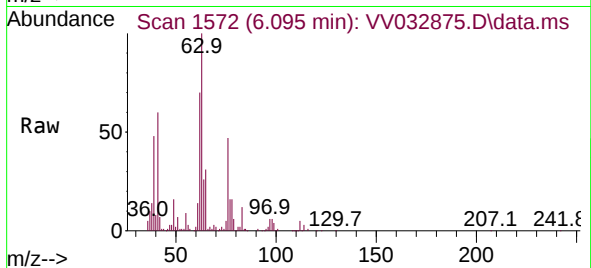
ClientSampleId :

Tgt Ion: 63 Resp: 134338

Ion Ratio Lower Upper

63 100

112 4.6 4.1 6.1



#38

Bromodichloromethane

Concen: 47.867 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.003 min

Lab File: VV032875.D

Acq: 07 Nov 2023 17:25

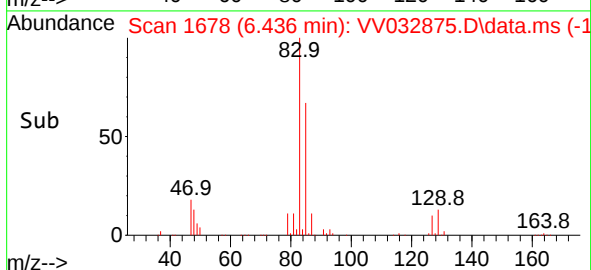
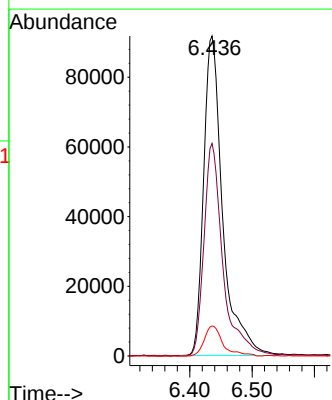
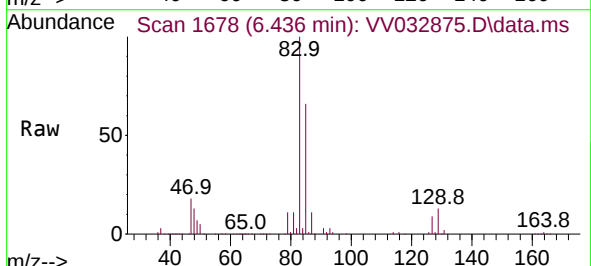
Tgt Ion: 83 Resp: 195227

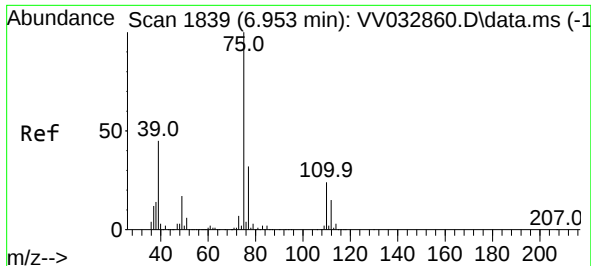
Ion Ratio Lower Upper

83 100

85 66.4 45.1 83.9

127 9.4 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 50.049 ug/L

RT: 6.957 min Scan# 1839

Delta R.T. 0.003 min

Lab File: VV032875.D

Acq: 07 Nov 2023 17:25

Instrument :

MSVOA_V

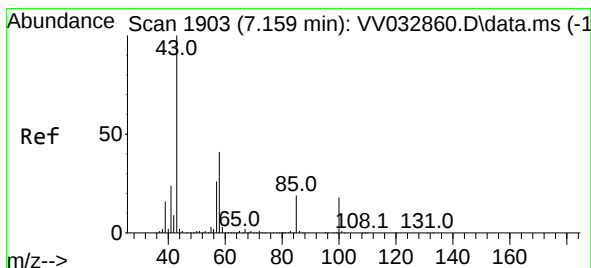
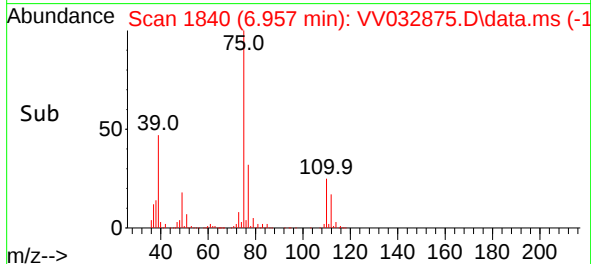
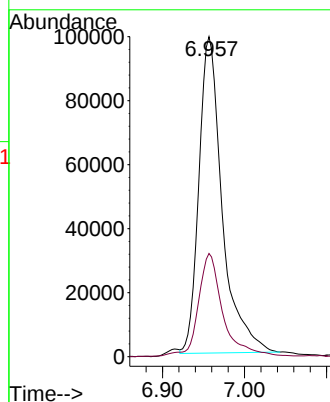
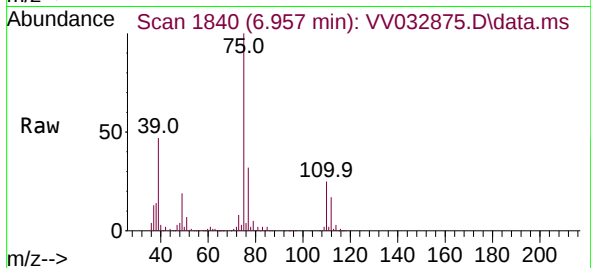
ClientSampleId :

Tgt Ion: 75 Resp: 195200

Ion Ratio Lower Upper

75 100

77 32.3 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 111.760 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV032875.D

Acq: 07 Nov 2023 17:25

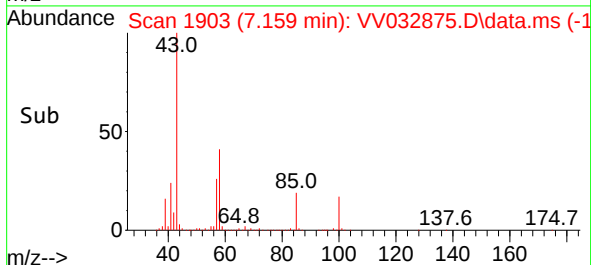
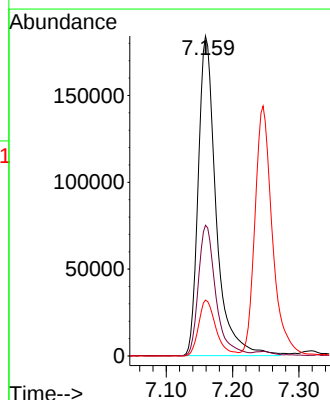
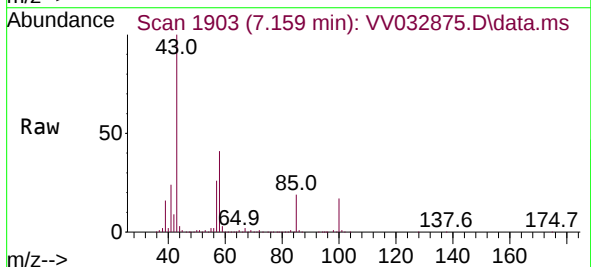
Tgt Ion: 43 Resp: 344330

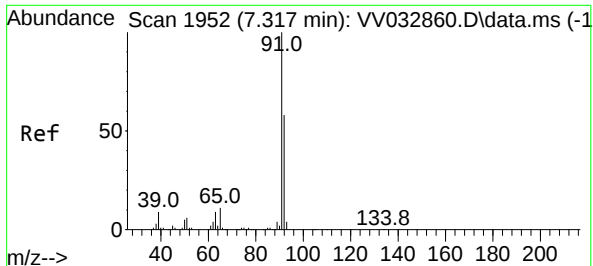
Ion Ratio Lower Upper

43 100

58 40.2 31.4 47.0

100 17.1 13.3 19.9





#42

Toluene

Concen: 49.809 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV032875.D

Acq: 07 Nov 2023 17:25

Instrument :

MSVOA_V

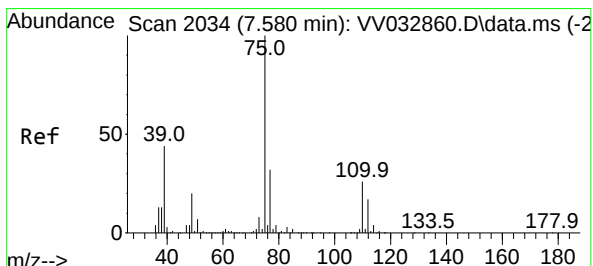
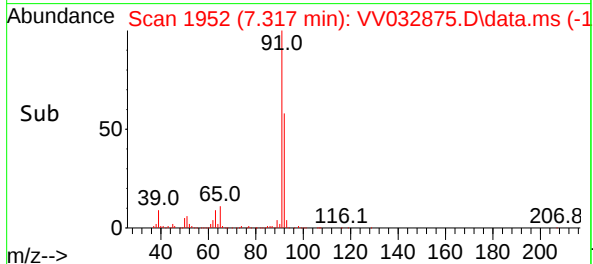
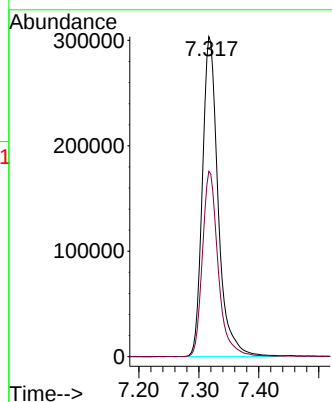
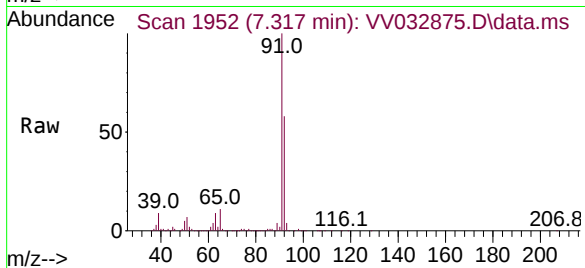
ClientSampleId :

Tgt Ion: 91 Resp: 555545

Ion Ratio Lower Upper

91 100

92 57.9 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 50.062 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.003 min

Lab File: VV032875.D

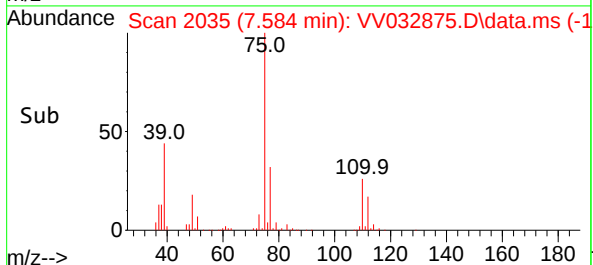
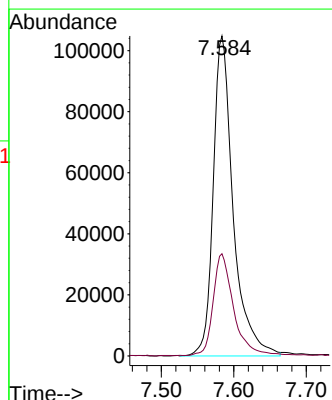
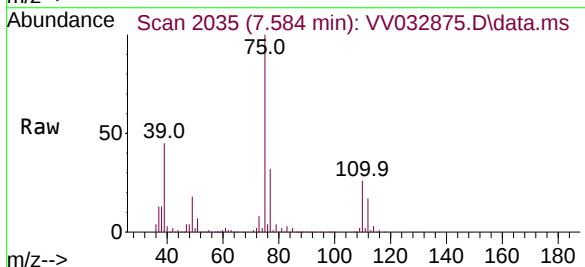
Acq: 07 Nov 2023 17:25

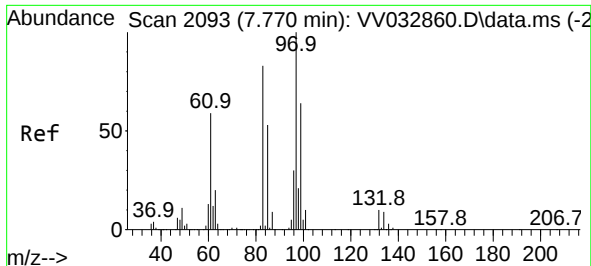
Tgt Ion: 75 Resp: 200552

Ion Ratio Lower Upper

75 100

77 32.0 22.0 40.8

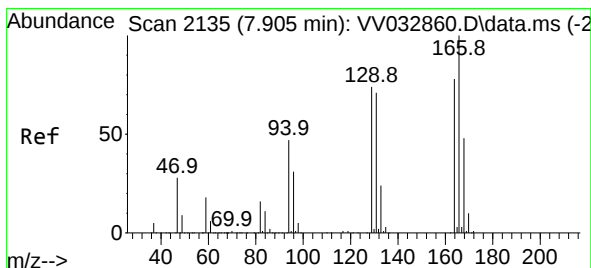
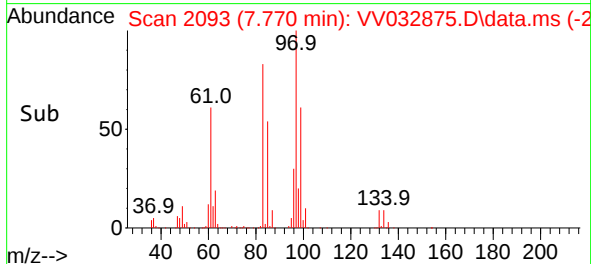
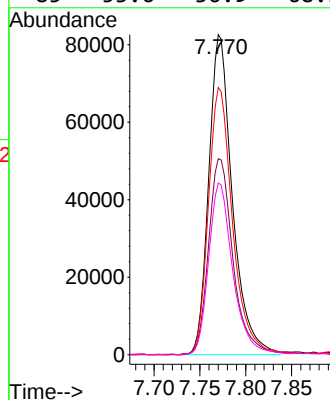
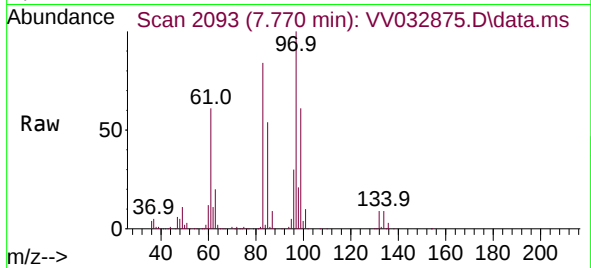




#45
1,1,2-Trichloroethane
Concen: 49.687 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

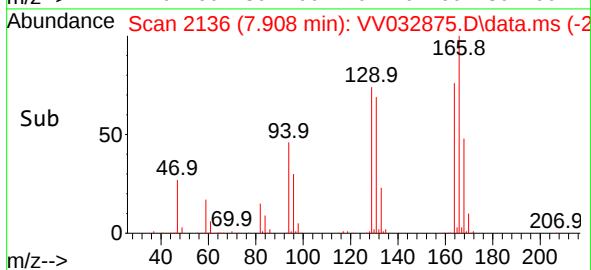
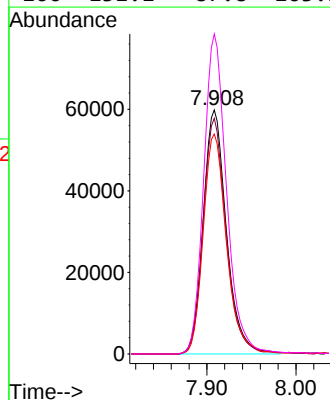
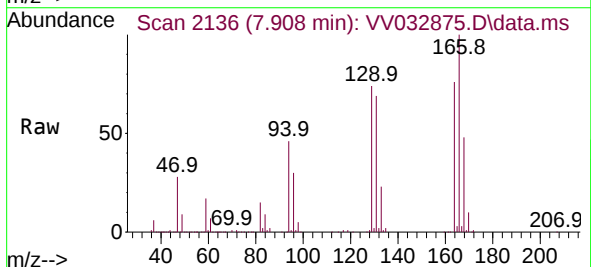
Instrument :
MSVOA_V
ClientSampleId :

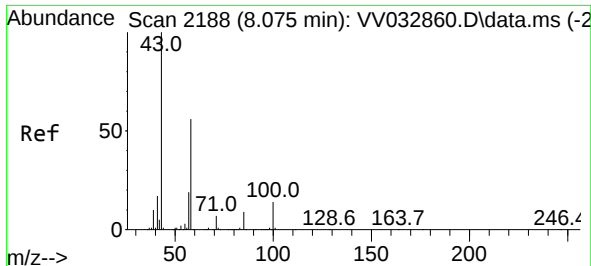
Tgt Ion:	97	Resp:	148162
Ion	Ratio	Lower	Upper
97	100		
99	61.3	42.8	79.6
83	83.5	58.4	108.4
85	53.6	36.9	68.5



#46
Tetrachloroethene
Concen: 44.146 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

Tgt Ion:	164	Resp:	108596
Ion	Ratio	Lower	Upper
164	100		
129	96.6	65.3	121.3
131	90.1	65.0	120.8
166	131.1	87.8	163.2

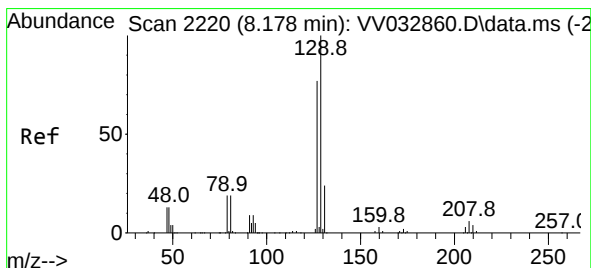
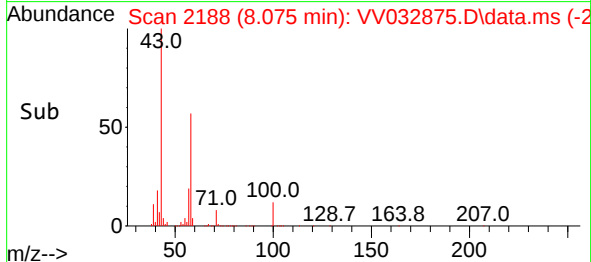
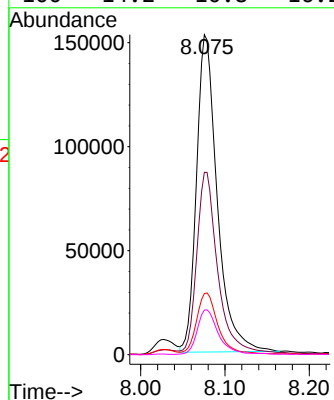
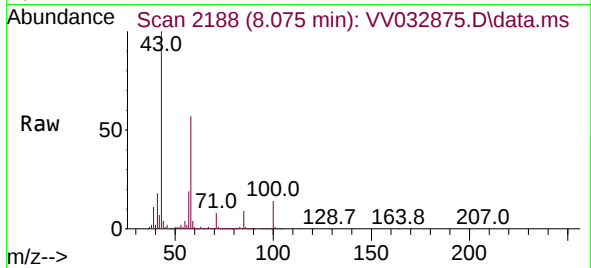




#48
2-Hexanone
Concen: 94.711 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

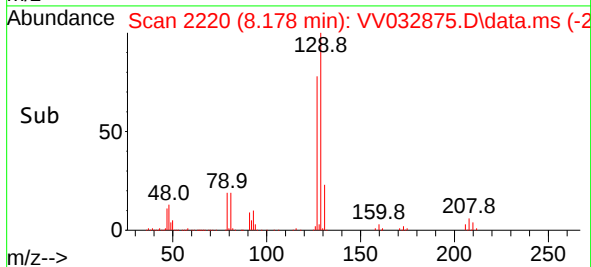
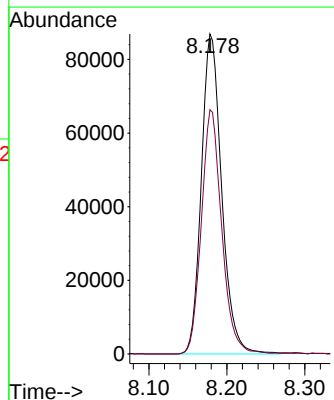
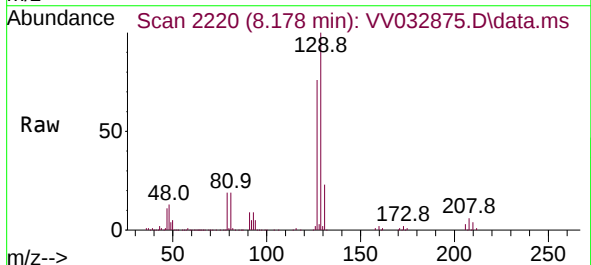
Instrument :
MSVOA_V
ClientSampleId :

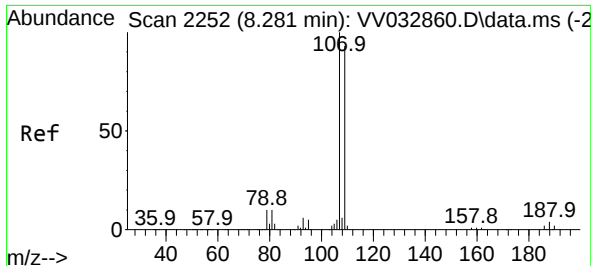
Tgt Ion:	43	Resp:	261815
Ion	Ratio	Lower	Upper
43	100		
58	56.3	43.3	64.9
57	19.6	15.5	23.3
100	14.2	10.8	16.2



#49
Dibromochloromethane
Concen: 50.566 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

Tgt Ion:	129	Resp:	157642
Ion	Ratio	Lower	Upper
129	100		
127	76.3	54.7	101.5





#50

1,2-Dibromoethane

Concen: 51.493 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV032875.D

Acq: 07 Nov 2023 17:25

Instrument :

MSVOA_V

ClientSampleId :

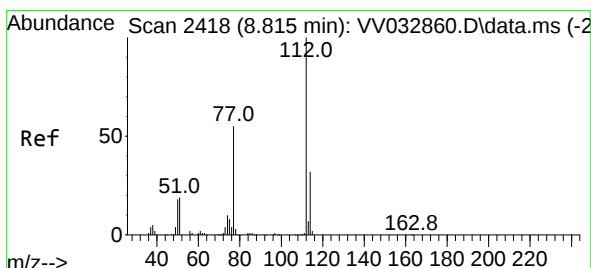
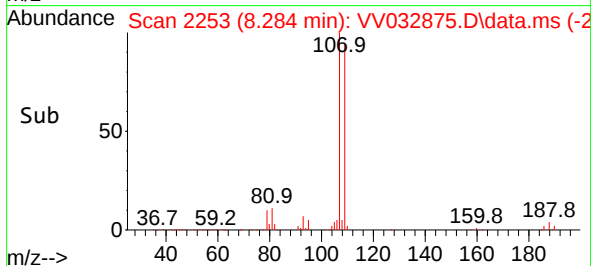
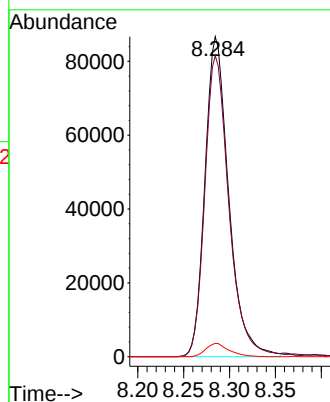
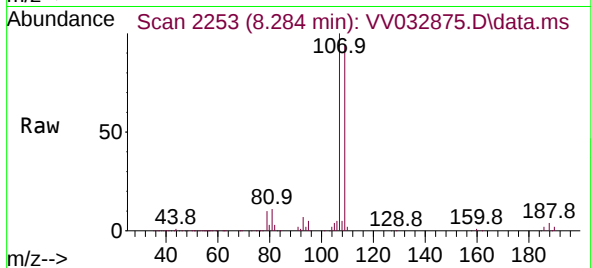
Tgt Ion:107 Resp: 156432

Ion Ratio Lower Upper

107 100

109 94.1 66.4 123.2

188 4.2 3.0 4.6



#51

Chlorobenzene

Concen: 47.505 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.000 min

Lab File: VV032875.D

Acq: 07 Nov 2023 17:25

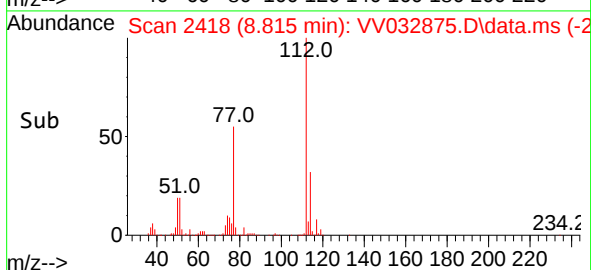
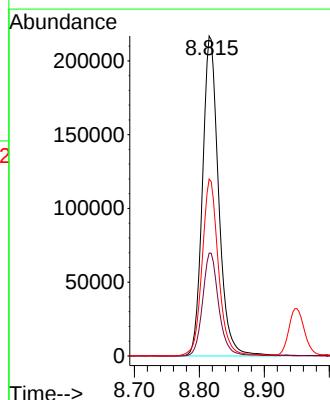
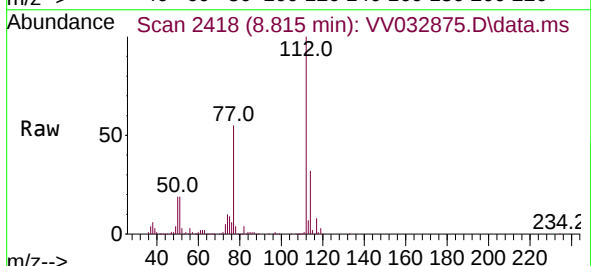
Tgt Ion:112 Resp: 375102

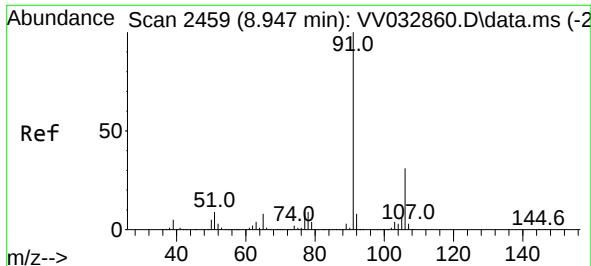
Ion Ratio Lower Upper

112 100

114 32.1 21.6 40.2

77 55.3 44.4 66.6

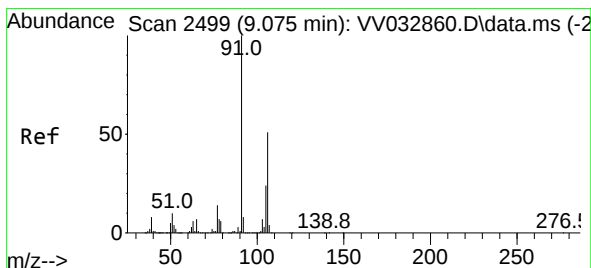
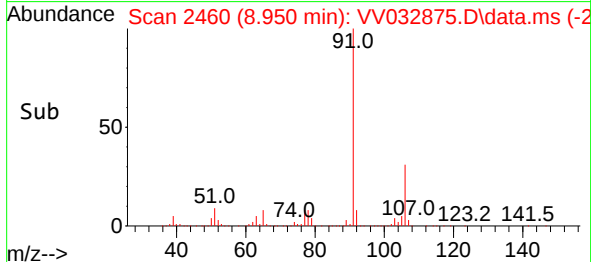
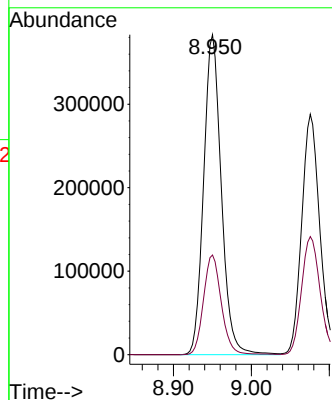
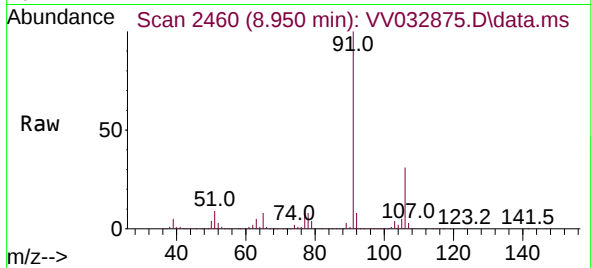




#52
Ethylbenzene
Concen: 49.042 ug/L
RT: 8.950 min Scan# 2459
Delta R.T. 0.003 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

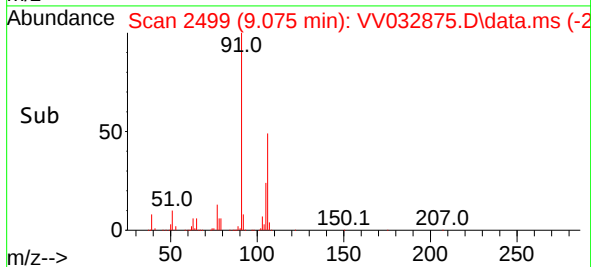
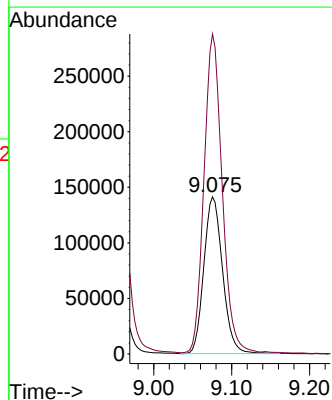
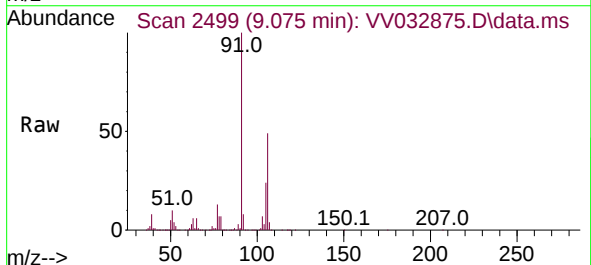
Instrument :
MSVOA_V
ClientSampleId :

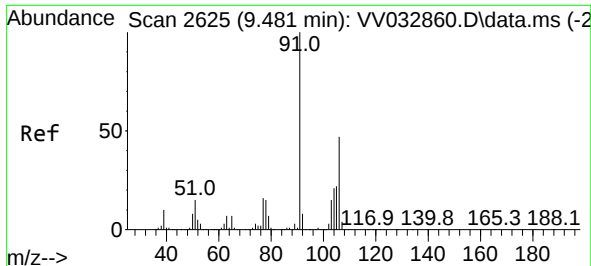
Tgt Ion: 91 Resp: 603381
Ion Ratio Lower Upper
91 100
106 31.1 21.7 40.3



#53
m,p-Xylene
Concen: 50.297 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

Tgt Ion: 106 Resp: 235515
Ion Ratio Lower Upper
106 100
91 203.7 139.7 259.5

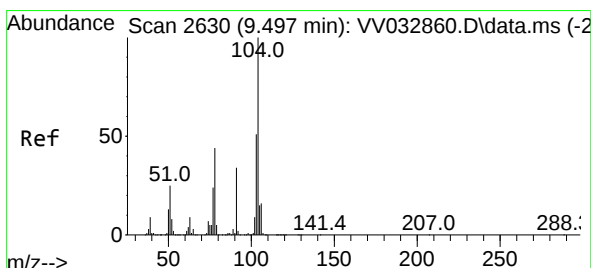
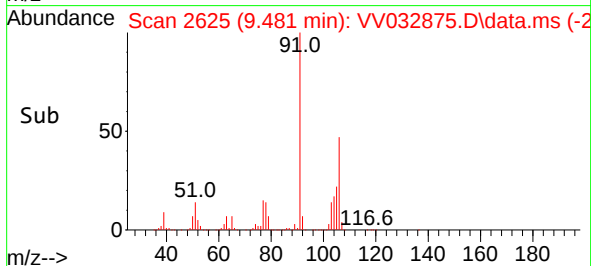
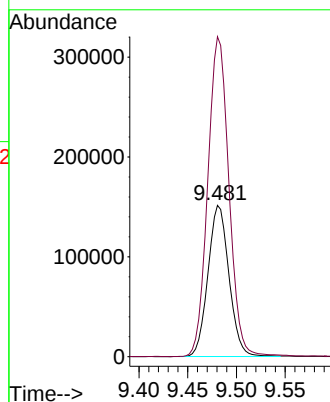
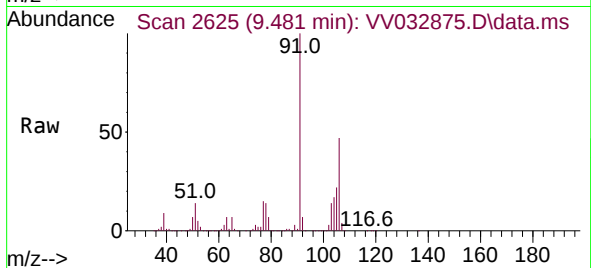




#54
o-Xylene
Concen: 50.156 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

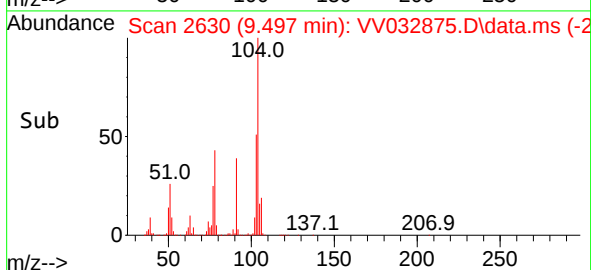
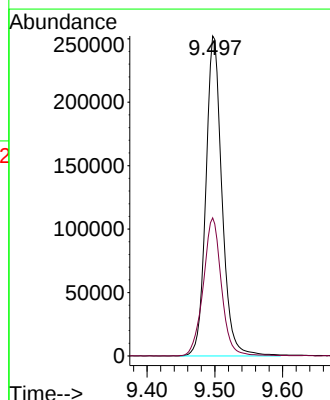
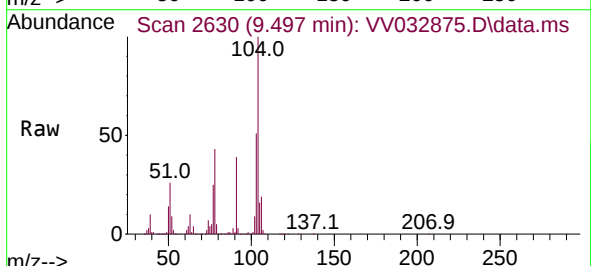
Instrument :
MSVOA_V
ClientSampleId :

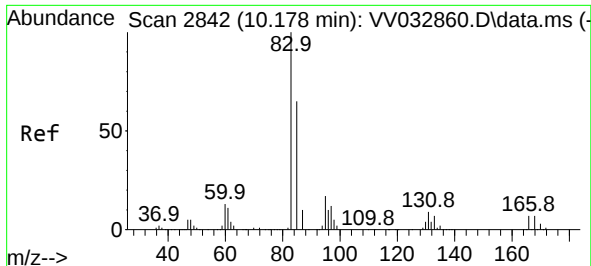
Tgt Ion:106 Resp: 227521
Ion Ratio Lower Upper
106 100
91 211.3 151.0 280.4



#55
Styrene
Concen: 52.710 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

Tgt Ion:104 Resp: 416694
Ion Ratio Lower Upper
104 100
78 43.2 30.1 55.9

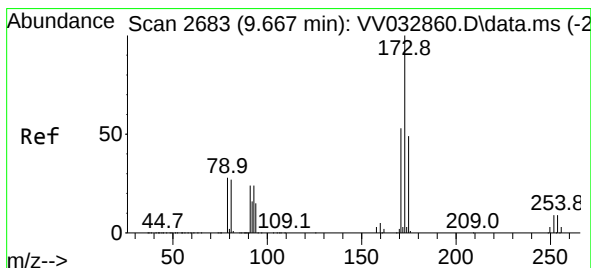
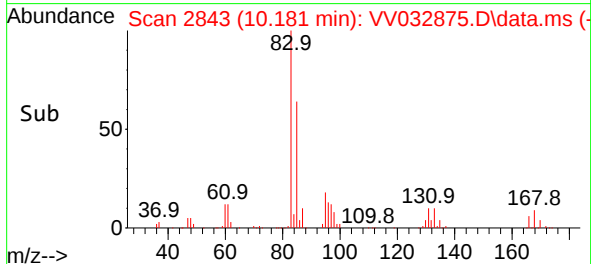
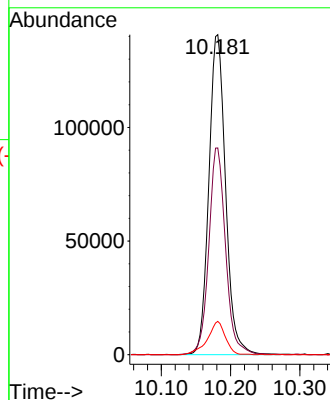
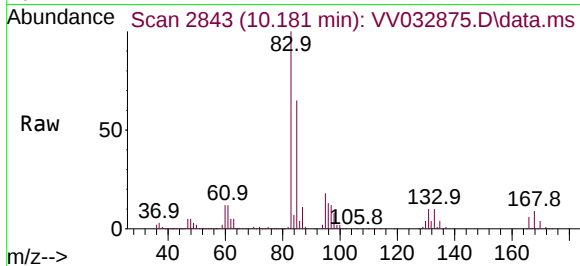




#57
1,1,2,2-Tetrachloroethane
Concen: 52.752 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

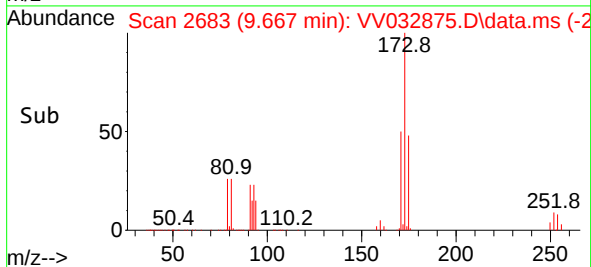
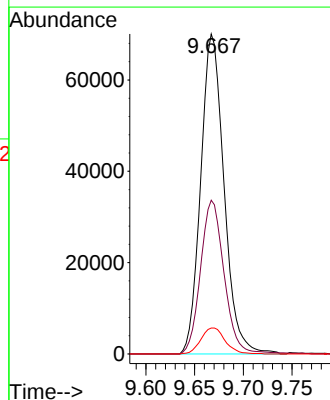
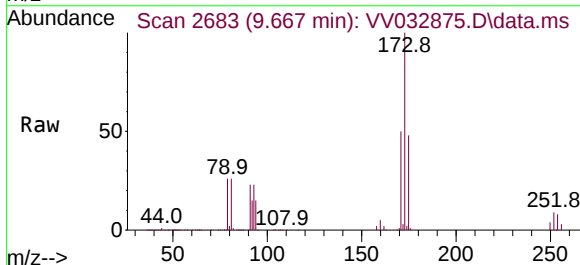
Instrument :
MSVOA_V
ClientSampleId :

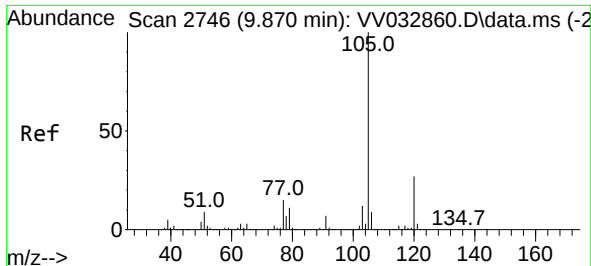
Tgt Ion: 83 Resp: 235595
Ion Ratio Lower Upper
83 100
85 64.6 44.9 83.3
131 10.4 7.8 11.6



#59
Bromoform
Concen: 51.495 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.000 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

Tgt Ion: 173 Resp: 116665
Ion Ratio Lower Upper
173 100
175 48.6 38.4 57.6
254 8.4 7.0 10.6

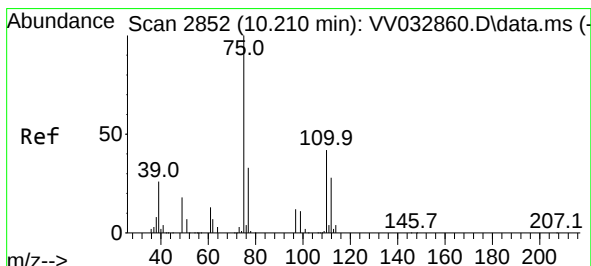
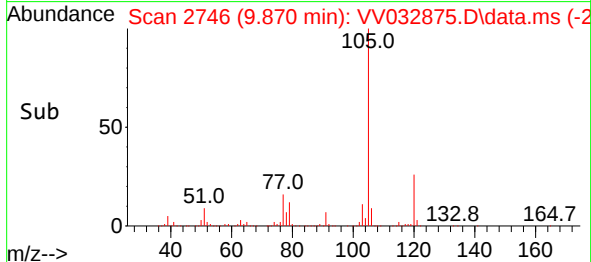
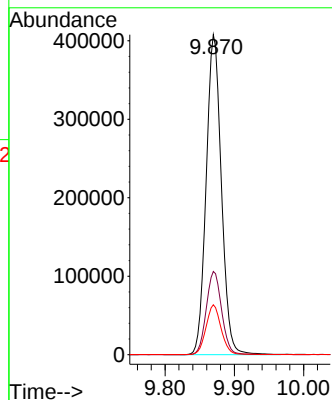
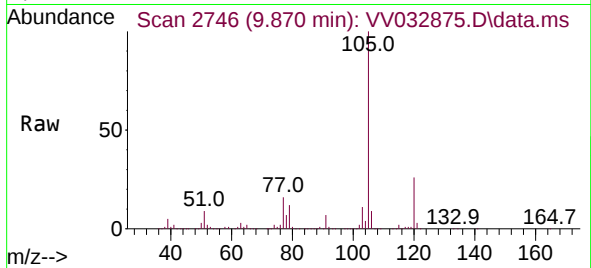




#60
Isopropylbenzene
Concen: 50.535 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

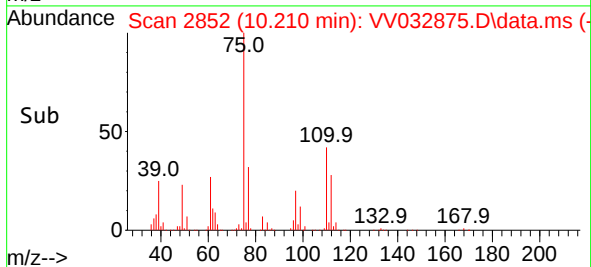
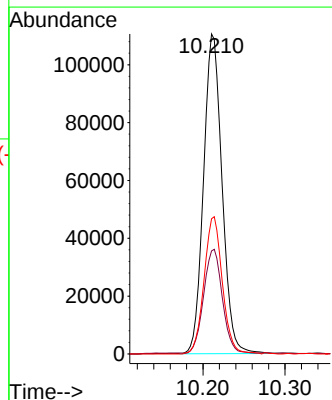
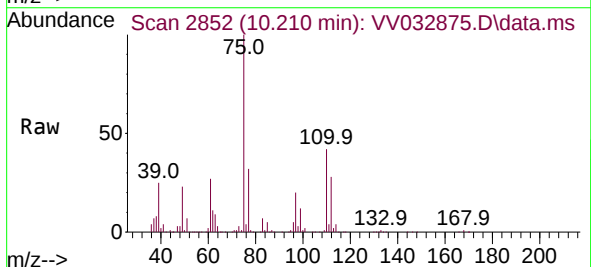
Instrument :
MSVOA_V
ClientSampleId :

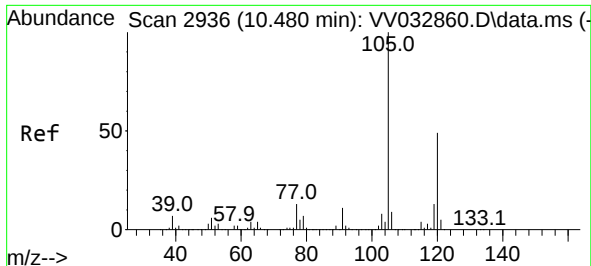
Tgt Ion:105 Resp: 619270
Ion Ratio Lower Upper
105 100
120 26.3 21.1 31.7
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 51.303 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

Tgt Ion: 75 Resp: 173158
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0
110 42.4 34.3 51.5





#62

1,3,5-Trimethylbenzene

Concen: 51.585 ug/L

RT: 10.480 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VV032875.D

Acq: 07 Nov 2023 17:25

Instrument :

MSVOA_V

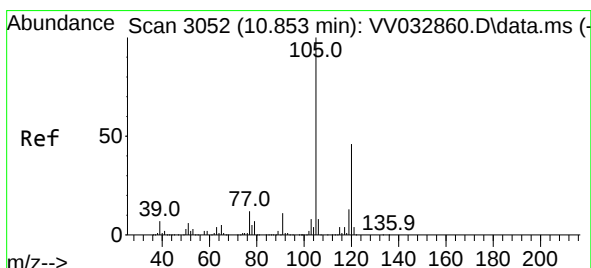
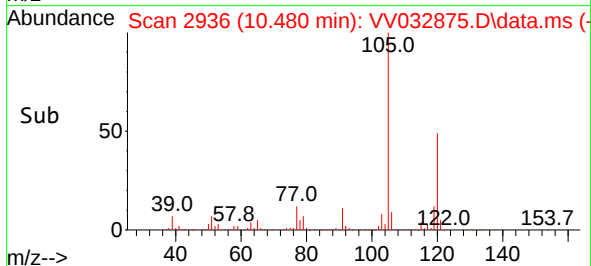
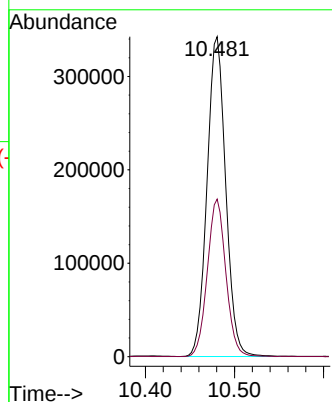
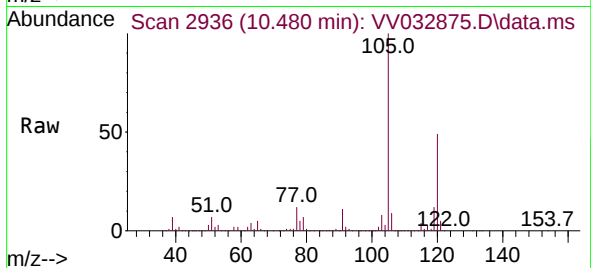
ClientSampleId :

Tgt Ion:105 Resp: 497440

Ion Ratio Lower Upper

105 100

120 49.0 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 52.868 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VV032875.D

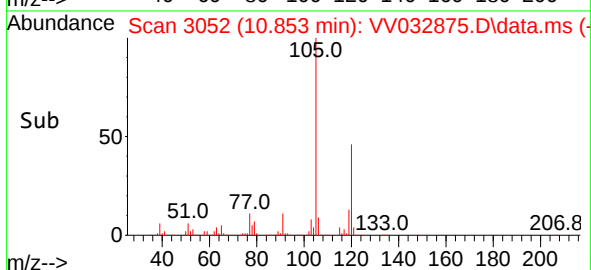
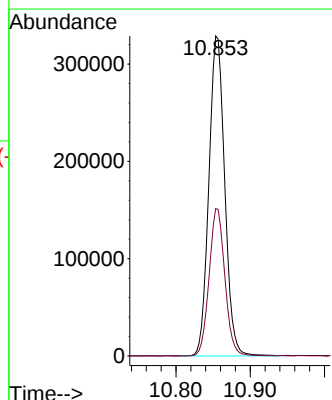
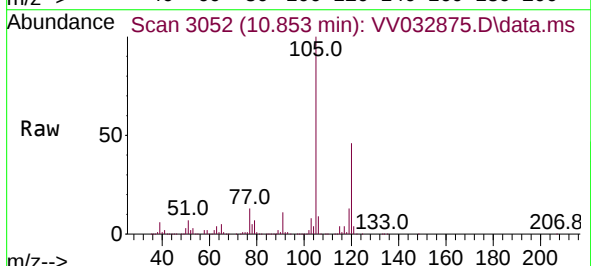
Acq: 07 Nov 2023 17:25

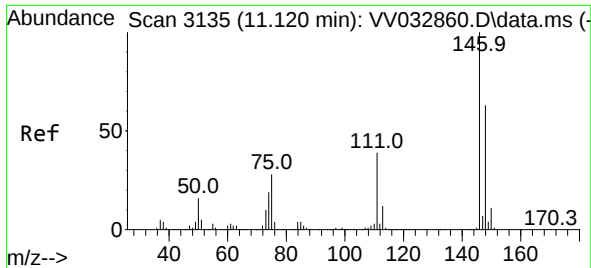
Tgt Ion:105 Resp: 487684

Ion Ratio Lower Upper

105 100

120 45.8 37.0 55.6

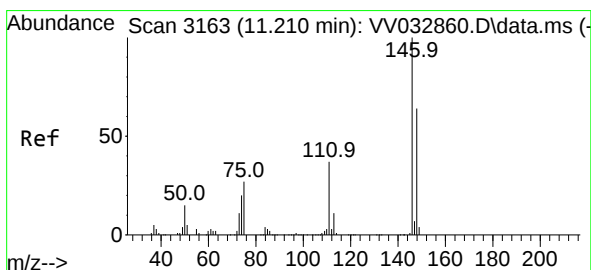
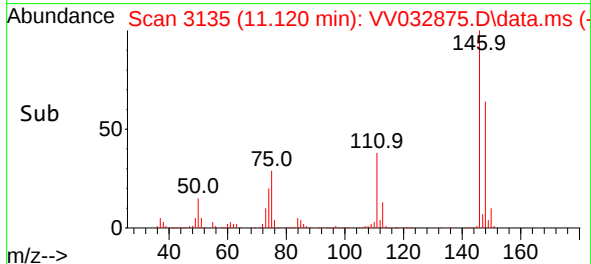
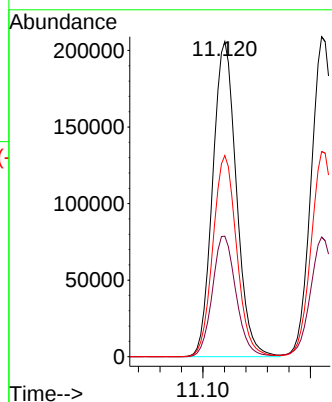
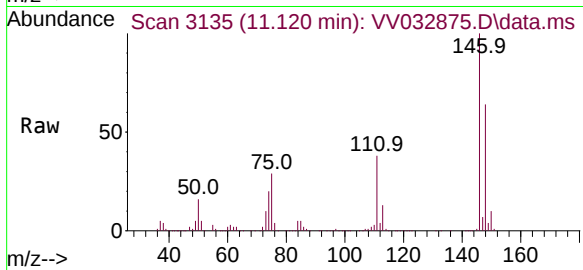




#64
1,3-Dichlorobenzene
Concen: 49.426 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

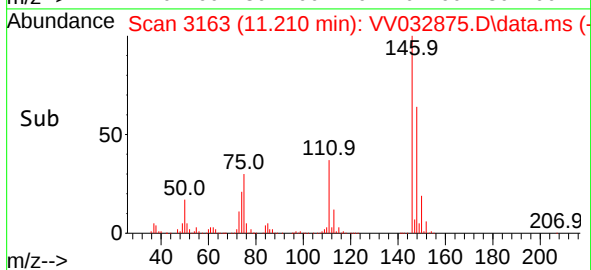
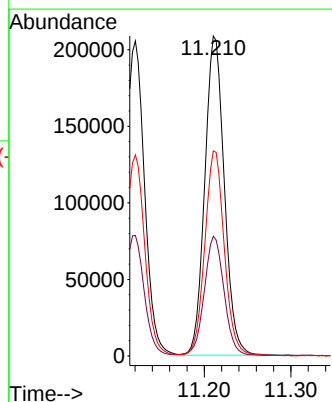
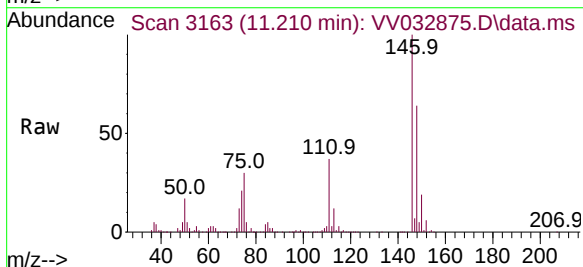
Instrument :
MSVOA_V
ClientSampleId :

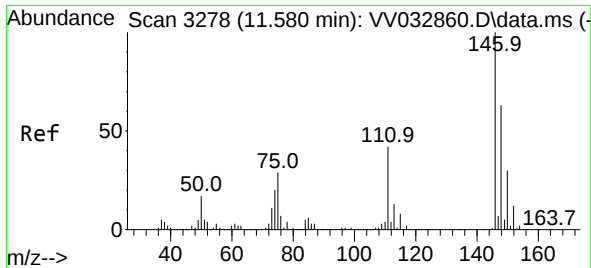
Tgt Ion:146 Resp: 315538
Ion Ratio Lower Upper
146 100
111 38.3 27.2 50.4
148 63.9 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 48.407 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

Tgt Ion:146 Resp: 326075
Ion Ratio Lower Upper
146 100
111 37.4 26.5 49.1
148 64.1 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 49.414 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032875.D

Acq: 07 Nov 2023 17:25

Instrument :

MSVOA_V

ClientSampleId :

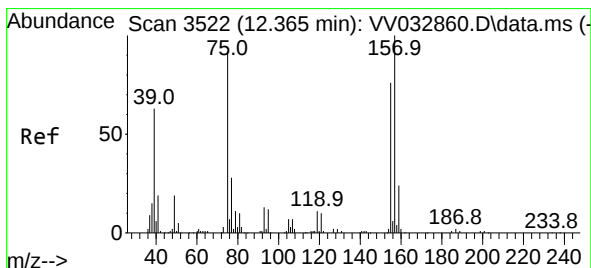
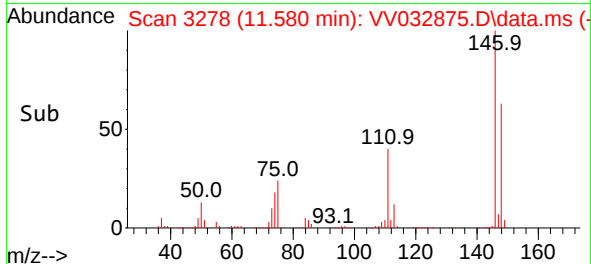
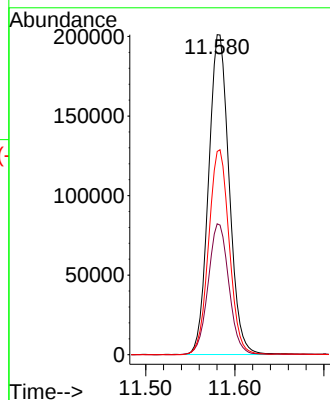
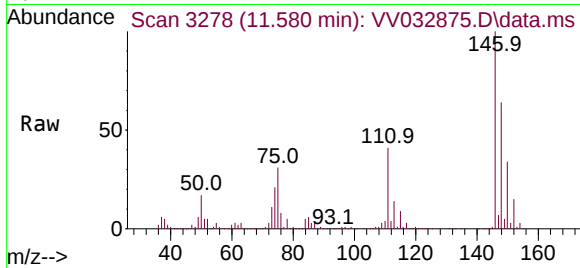
Tgt Ion:146 Resp: 322052

Ion Ratio Lower Upper

146 100

111 40.9 32.5 48.7

148 63.5 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 52.134 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.003 min

Lab File: VV032875.D

Acq: 07 Nov 2023 17:25

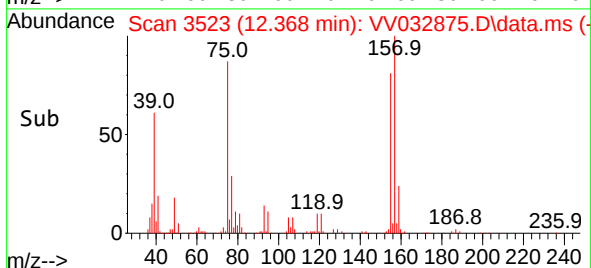
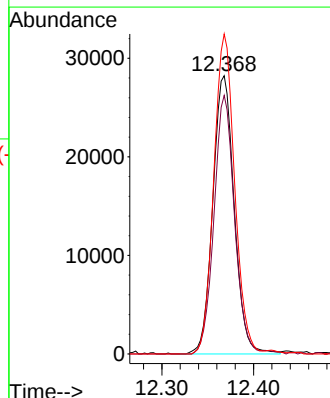
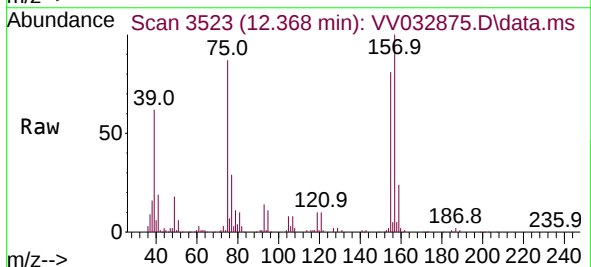
Tgt Ion: 75 Resp: 45795

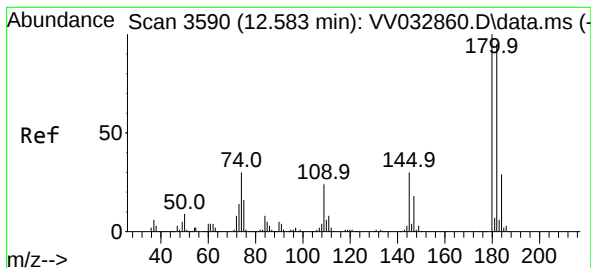
Ion Ratio Lower Upper

75 100

155 92.9 68.6 102.8

157 115.0 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 48.694 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.000 min

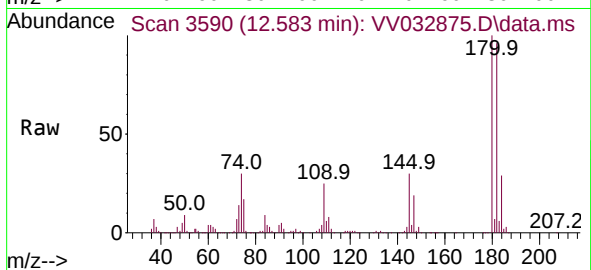
Lab File: VV032875.D

Acq: 07 Nov 2023 17:25

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 224419

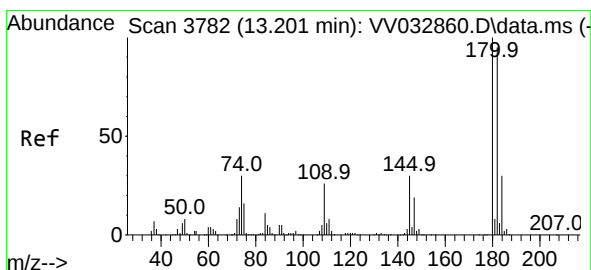
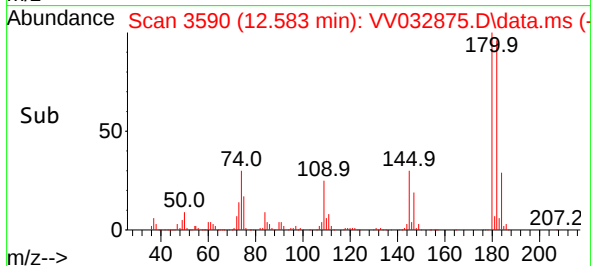
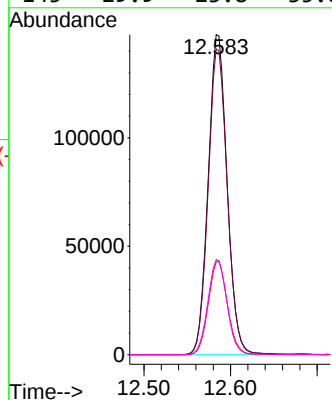
Ion Ratio Lower Upper

180 100

182 96.1 75.9 113.9

184 29.4 23.5 35.3

145 29.9 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 51.189 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.000 min

Lab File: VV032875.D

Acq: 07 Nov 2023 17:25

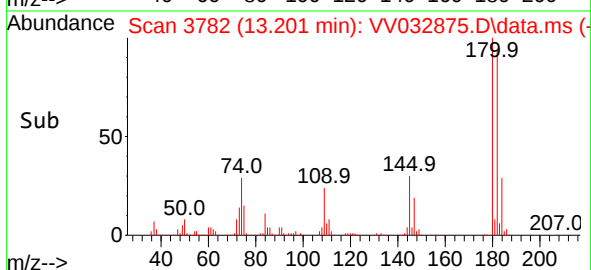
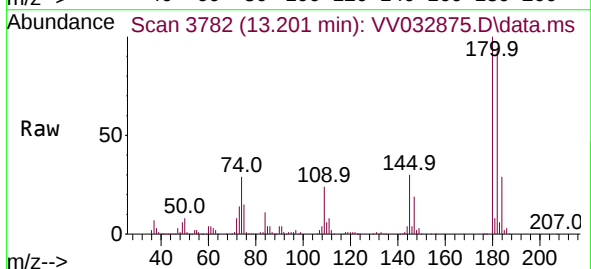
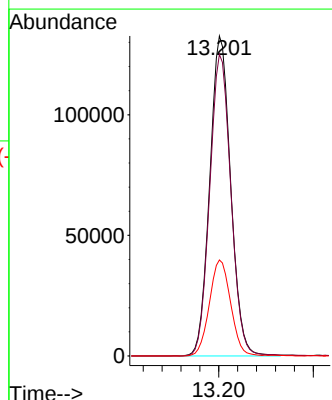
Tgt Ion:180 Resp: 204024

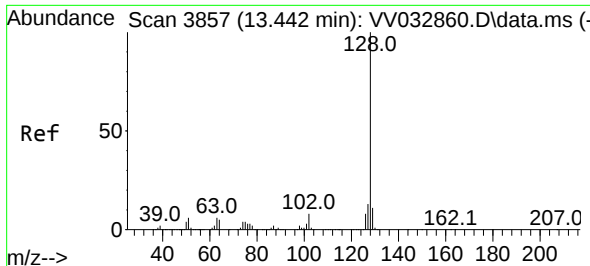
Ion Ratio Lower Upper

180 100

182 95.2 76.9 115.3

145 30.4 24.7 37.1

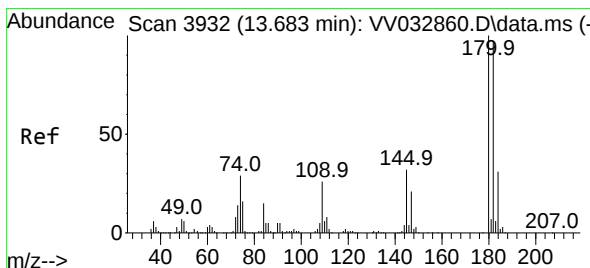
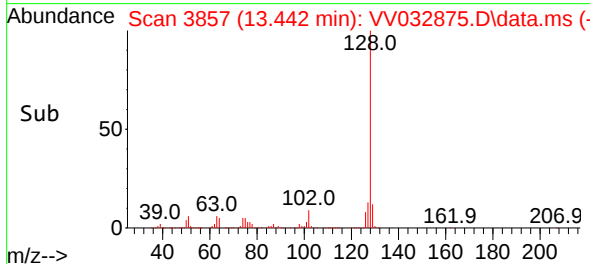
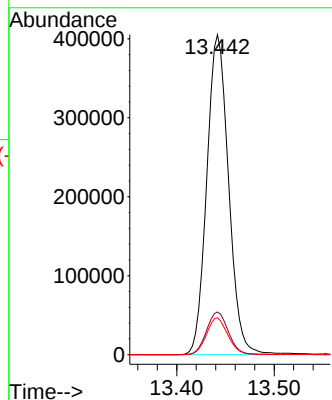
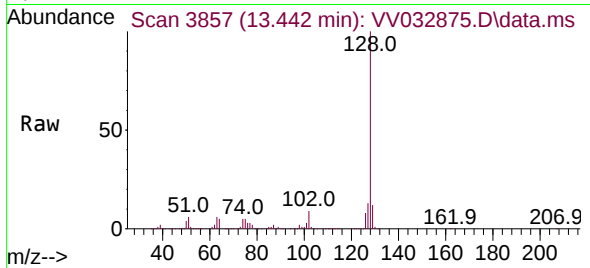




#71
Naphthalene
Concen: 63.269 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 629728
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 11.4 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 54.695 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.000 min
Lab File: VV032875.D
Acq: 07 Nov 2023 17:25

Tgt Ion:180 Resp: 217658
Ion Ratio Lower Upper
180 100
182 95.0 76.2 114.4
145 32.7 25.8 38.8

