

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102723\
 Data File : VW032677.D
 Acq On : 27 Oct 2023 12:08
 Operator : SY/MD
 Sample : VSTD020
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 23:39:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 27 23:36:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	161040	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	178836	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	97742	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	269570	20.430	ug/L	0.00
7) Chloroethane-d5	1.532	69	222757	20.647	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	128856	23.100	ug/L	0.00
20) 2-Butanone-d5	3.815	46	612291	189.507	ug/L	-0.02
24) Chloroform-d	4.249	84	477729	20.678	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	228535	20.931	ug/L	0.00
32) Benzene-d6	4.960	84	943302	18.784	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	271299	16.385	ug/L	0.00
41) Toluene-d8	7.243	98	952692	20.218	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	122072	20.635	ug/L	0.00
46) 2-Hexanone-d5	8.027	63	560834	205.259	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	231371	19.554	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	334818	19.062	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	310700	17.438	ug/L	100
3) Chloromethane	1.214	50	367684	19.828	ug/L	100
5) Vinyl chloride	1.281	62	373607	20.979	ug/L	99
6) Bromomethane	1.487	94	213217	20.093	ug/L	100
8) Chloroethane	1.548	64	236718	21.789	ug/L	99
9) Trichlorofluoromethane	1.712	101	549702	25.064	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	305468	23.135	ug/L	98
12) 1,1-Dichloroethene	2.066	96	314066	25.235	ug/L	95
13) Acetone	2.156	43	524749	203.687	ug/L	90
14) Carbon disulfide	2.236	76	948484	22.277	ug/L	100
15) Methyl Acetate	2.388	43	118949	21.094	ug/L	91
16) Methylene chloride	2.445	84	317496	19.729	ug/L	98
17) Methyl tert-butyl Ether	2.709	73	660530	20.556	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	292010	21.116	ug/L	97
19) 1,1-Dichloroethane	3.111	63	523002	20.407	ug/L	98
21) 2-Butanone	3.895	43	793073	200.365	ug/L	91
22) cis-1,2-Dichloroethene	3.815	96	313146	21.376	ug/L	98
23) Bromochloromethane	4.146	128	141093	22.372	ug/L	93
25) Chloroform	4.275	83	557509	21.631	ug/L	99
27) 1,2-Dichloroethane	5.043	62	346023	22.483	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	472955	19.748	ug/L	99
30) Cyclohexane	4.584	56	436386	17.301	ug/L	97
31) Carbon tetrachloride	4.735	117	409602	20.006	ug/L	99
33) Benzene	5.008	78	1227459	19.880	ug/L	100
34) Trichloroethene	5.831	95	308443	18.466	ug/L	98
35) Methylcyclohexane	6.050	83	501989	19.344	ug/L	100
37) 1,2-Dichloropropane	6.095	63	287399	17.757	ug/L	97
38) Bromodichloromethane	6.432	83	429587	21.819	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	488824	20.735	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	2045498	198.452	ug/L	99
42) Toluene	7.317	91	1435843	21.276	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	416455	21.381	ug/L	95

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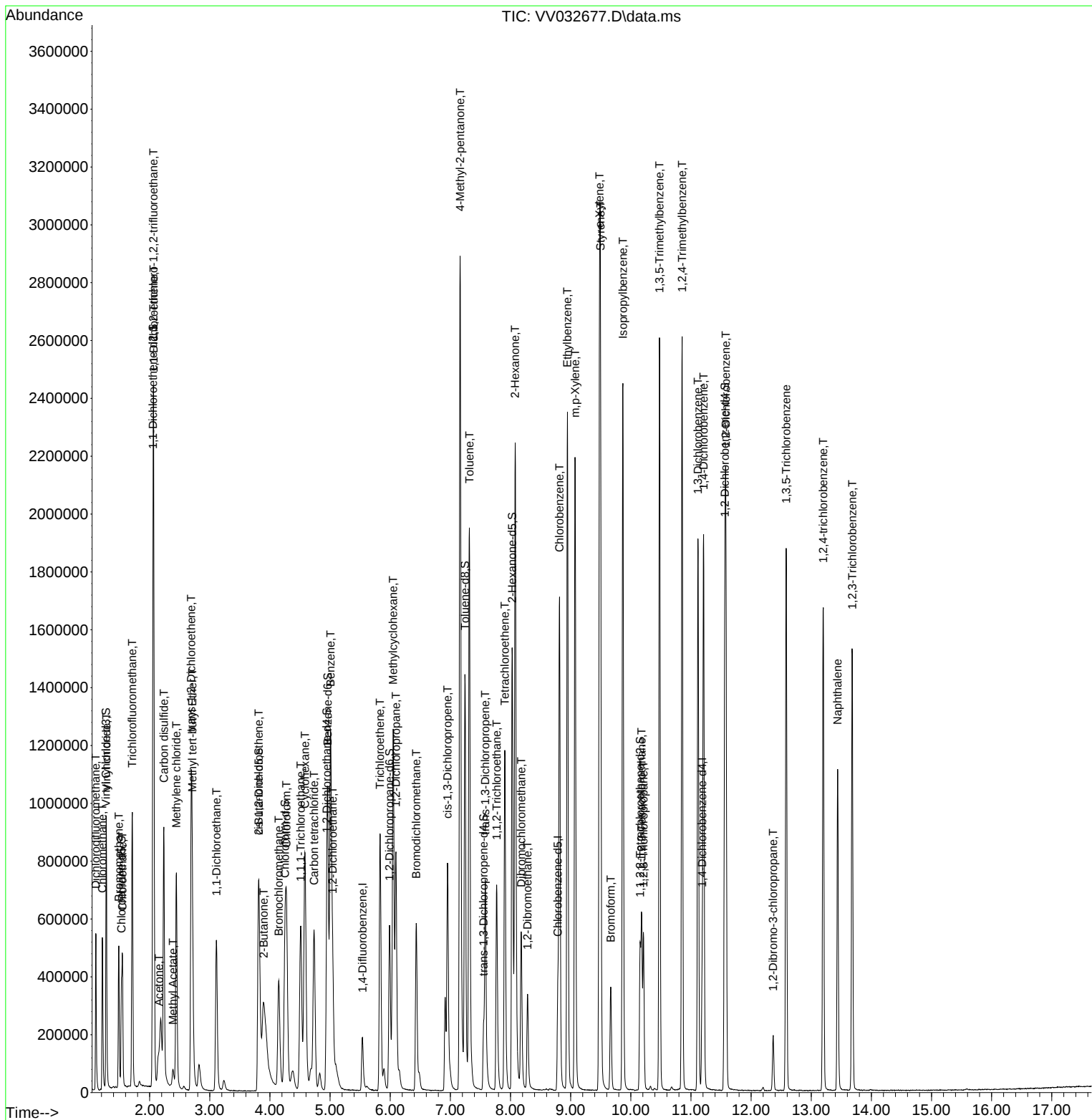
Quant Time: Oct 27 23:39:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 27 23:36:39 2023
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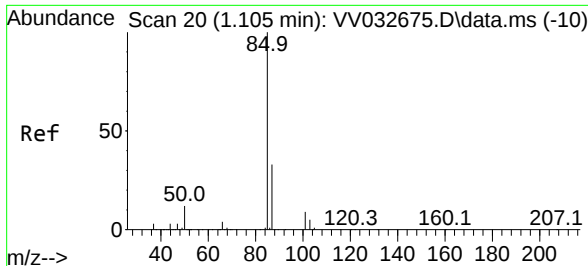
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.770	97	229955	19.540	ug/L	98
47) Tetrachloroethene	7.905	164	266623	20.242	ug/L	98
48) 2-Hexanone	8.079	43	1495280	206.642	ug/L	99
49) Dibromochloromethane	8.178	129	281879	22.364	ug/L	98
50) 1,2-Dibromoethane	8.284	107	222306	19.975	ug/L	98
51) Chlorobenzene	8.815	112	902133	20.861	ug/L	99
52) Ethylbenzene	8.947	91	1599036	21.605	ug/L	99
53) m,p-Xylene	9.075	106	604359	21.971	ug/L	99
54) o-Xylene	9.480	106	593360	22.263	ug/L	96
55) Styrene	9.497	104	1018722	22.740	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	278451	21.270	ug/L	98
59) Bromoform	9.667	173	157525	21.792	ug/L	99
60) Isopropylbenzene	9.870	105	1516641	20.418	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	201452	19.465	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	1302149	21.529	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	1316899	21.861	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	740713	20.438	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	728537	20.089	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	682601	20.690	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	44528	20.867	ug/L	99
69) 1,3,5-Trichlorobenzene	12.583	180	540200	20.574	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	476328	20.642	ug/L	99
71) Naphthalene	13.438	128	824100	21.347	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	430380	21.542	ug/L	99

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

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QLast Update : Fri Oct 27 23:36:39 2023
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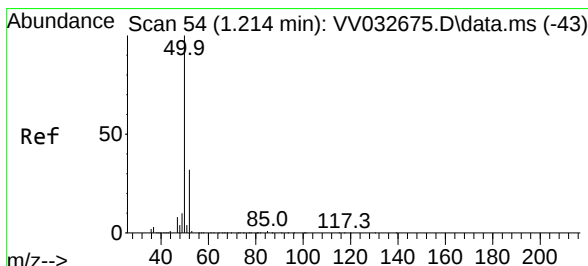
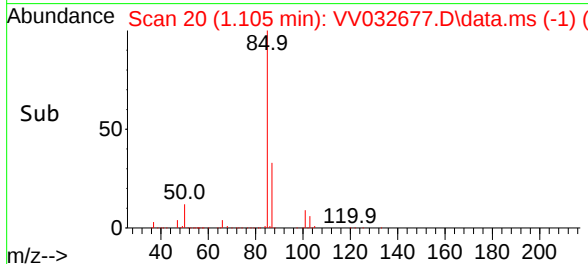
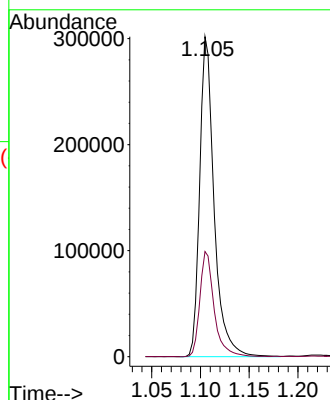
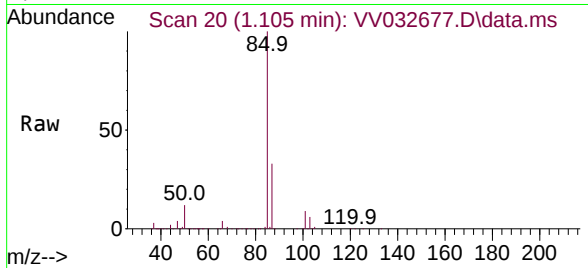




#2
 Dichlorodifluoromethane
 Concen: 17.438 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV032677.D
 Acq: 27 Oct 2023 12:08

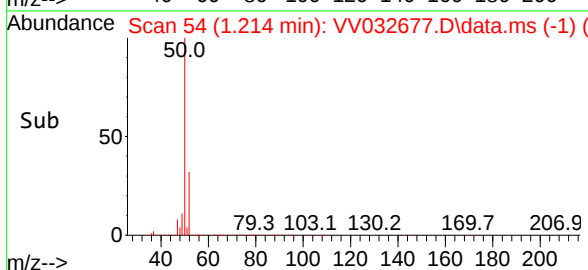
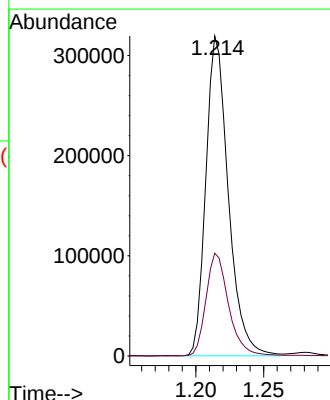
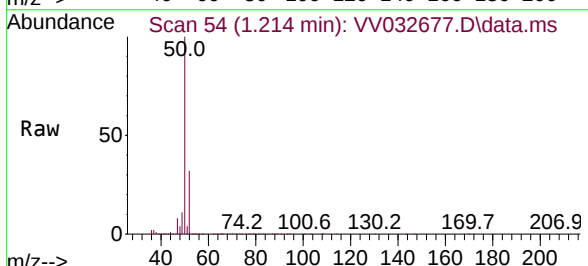
Instrument :
 MSVOA_V
 ClientSampleId :

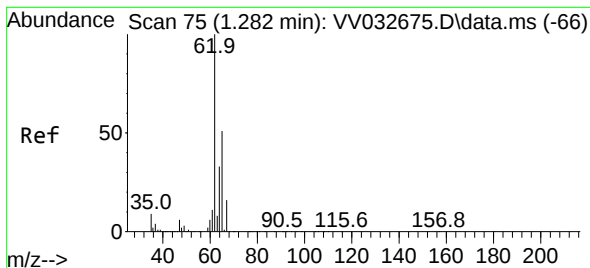
Tgt Ion: 85 Resp: 310700
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.9 38.9



#3
 Chloromethane
 Concen: 19.828 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV032677.D
 Acq: 27 Oct 2023 12:08

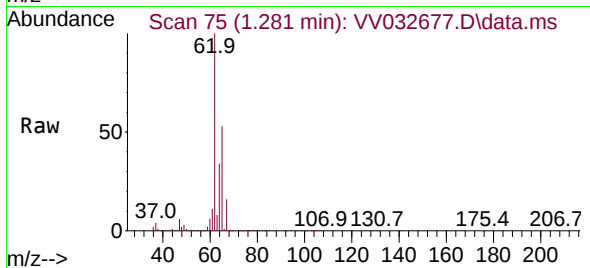
Tgt Ion: 50 Resp: 367684
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.3 41.5





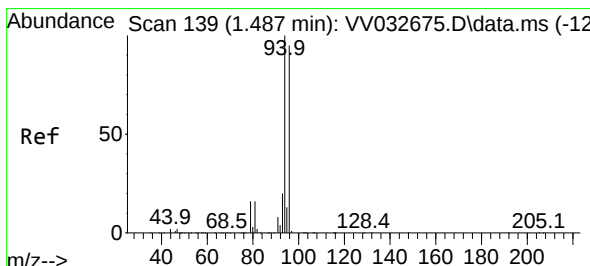
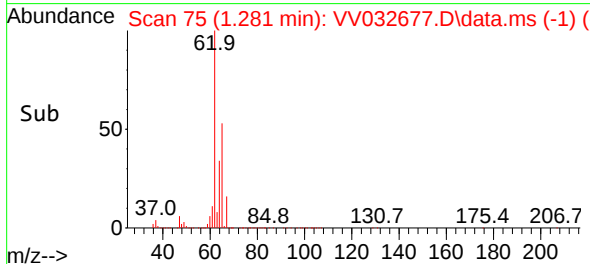
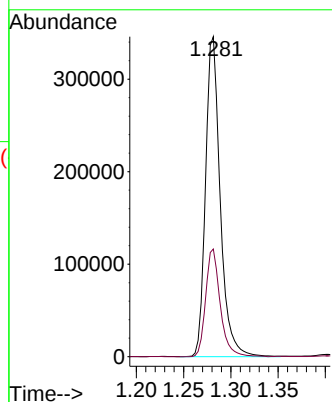
#5
 Vinyl chloride
 Concen: 20.979 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV032677.D
 Acq: 27 Oct 2023 12:08

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 62 Resp: 373607

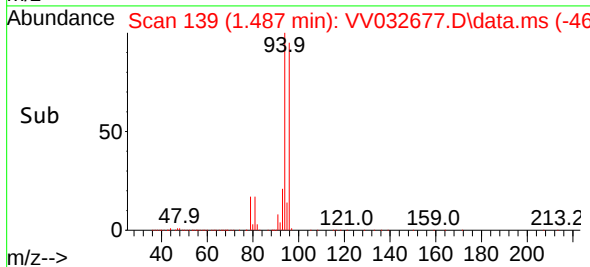
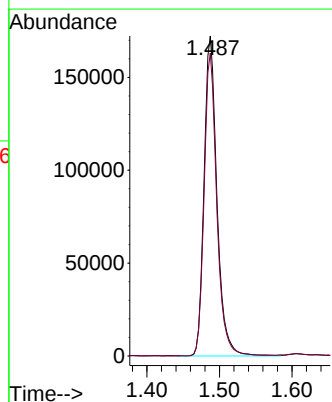
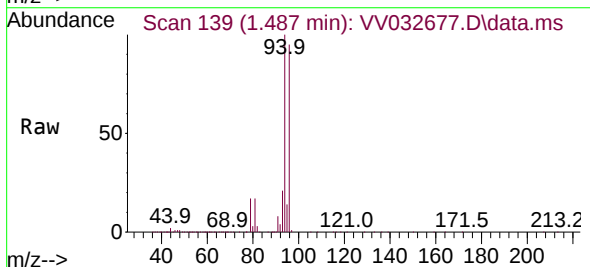
Ion	Ratio	Lower	Upper
62	100		
64	33.6	23.2	43.0

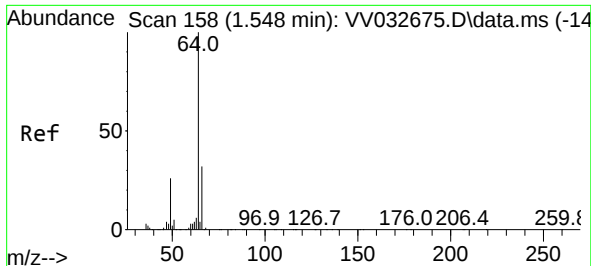


#6
 Bromomethane
 Concen: 20.093 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV032677.D
 Acq: 27 Oct 2023 12:08

Tgt Ion: 94 Resp: 213217

Ion	Ratio	Lower	Upper
94	100		
96	94.7	66.4	123.2

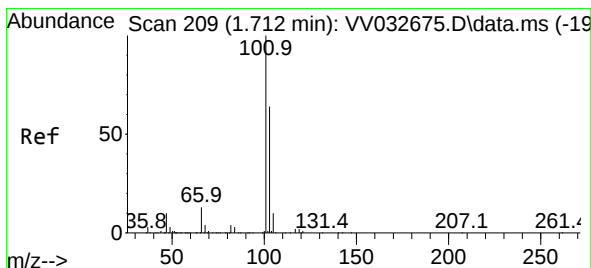
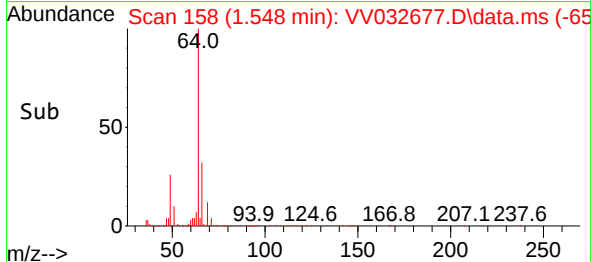
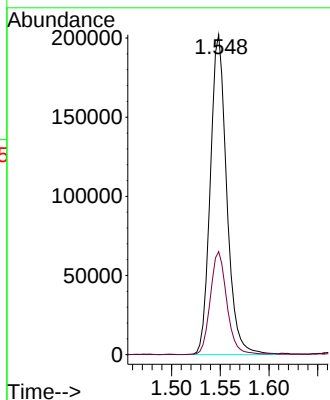
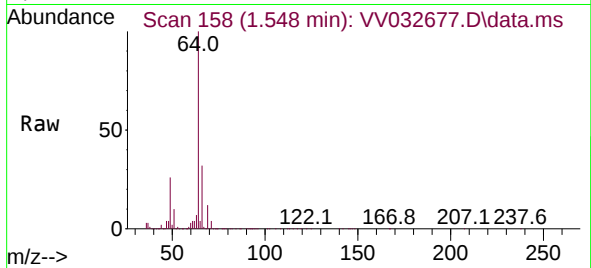




#8
Chloroethane
Concen: 21.789 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.000 min
Lab File: VV032677.D
Acq: 27 Oct 2023 12:08

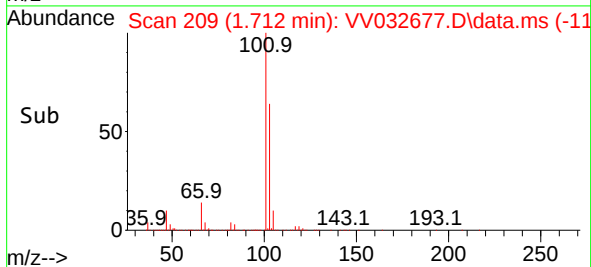
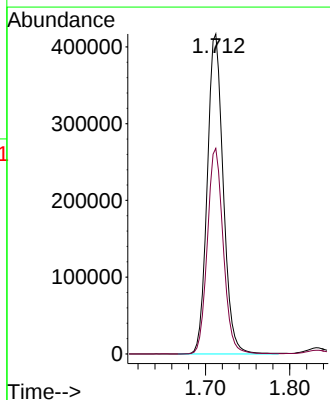
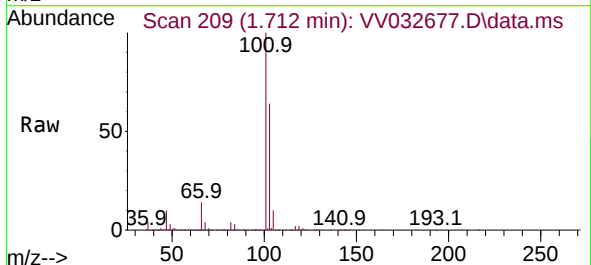
Instrument :
MSVOA_V
ClientSampleId :

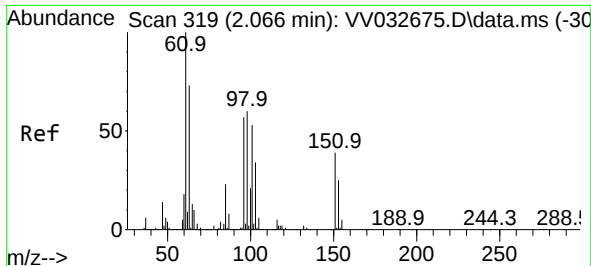
Tgt Ion: 64 Resp: 236718
Ion Ratio Lower Upper
64 100
66 32.2 22.3 41.5



#9
Trichlorofluoromethane
Concen: 25.064 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV032677.D
Acq: 27 Oct 2023 12:08

Tgt Ion: 101 Resp: 549702
Ion Ratio Lower Upper
101 100
103 64.1 52.1 78.1

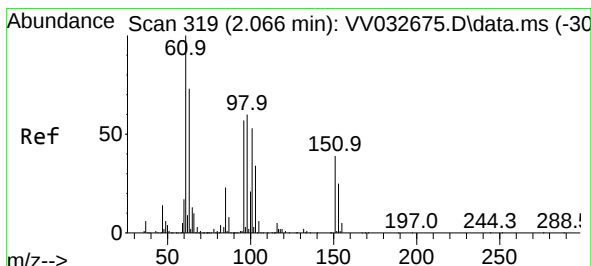
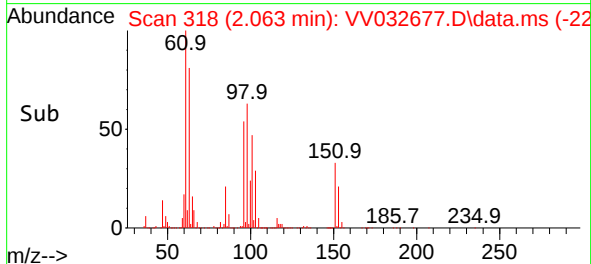
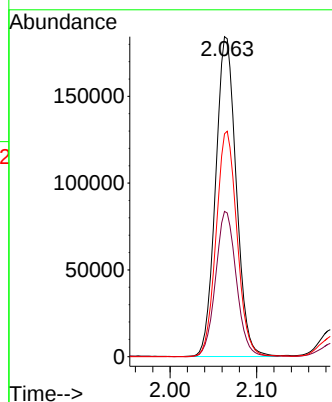
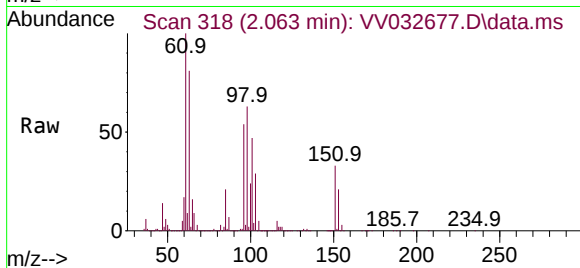




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.135 ug/L
 RT: 2.063 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV032677.D
 Acq: 27 Oct 2023 12:08

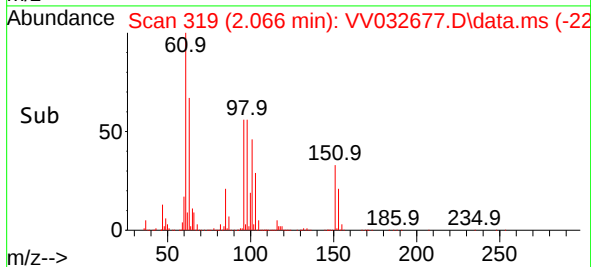
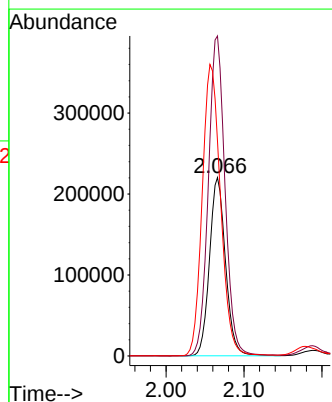
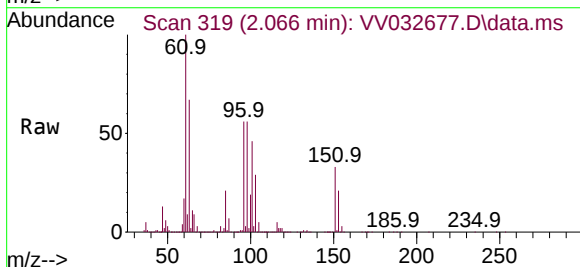
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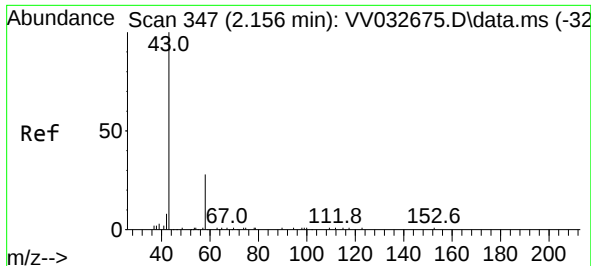
Tgt Ion:101 Resp: 305468
 Ion Ratio Lower Upper
 101 100
 85 45.7 36.2 54.4
 151 71.5 59.0 88.6



#12
 1,1-Dichloroethene
 Concen: 25.235 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VV032677.D
 Acq: 27 Oct 2023 12:08

Tgt Ion: 96 Resp: 314066
 Ion Ratio Lower Upper
 96 100
 61 179.4 122.3 227.1
 63 120.5 89.4 166.0





#13

Acetone

Concen: 203.687 ug/L

RT: 2.156 min Scan# 347

Delta R.T. -0.000 min

Lab File: VV032677.D

Acq: 27 Oct 2023 12:08

Instrument :

MSVOA_V

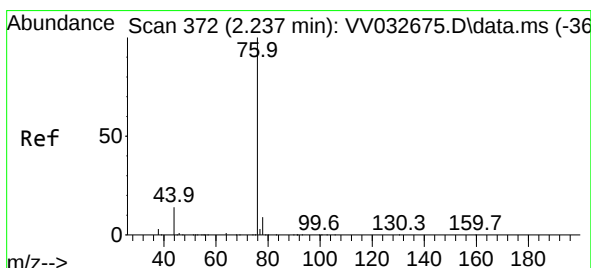
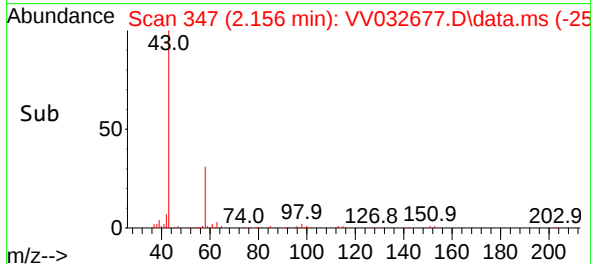
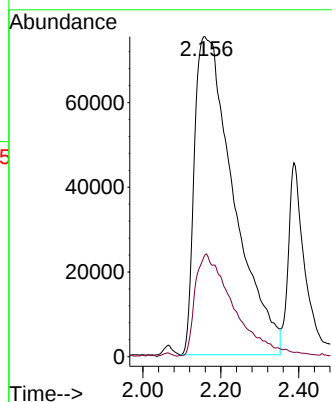
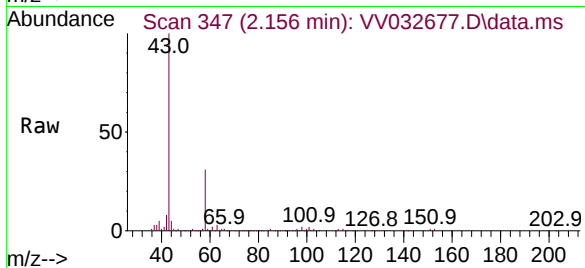
ClientSampleId :

Tgt Ion: 43 Resp: 524749

Ion Ratio Lower Upper

43 100

58 30.4 0.0 50.6



#14

Carbon disulfide

Concen: 22.277 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.000 min

Lab File: VV032677.D

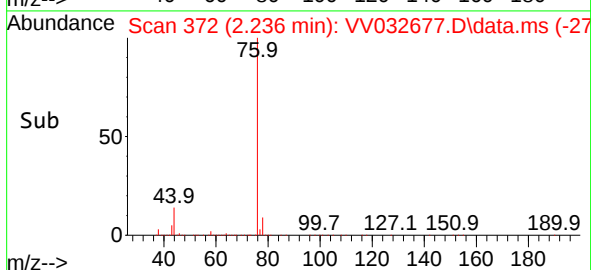
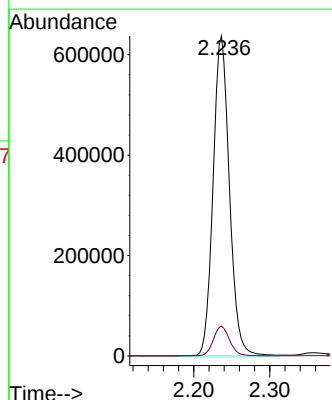
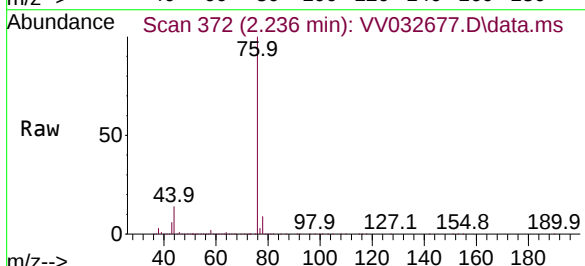
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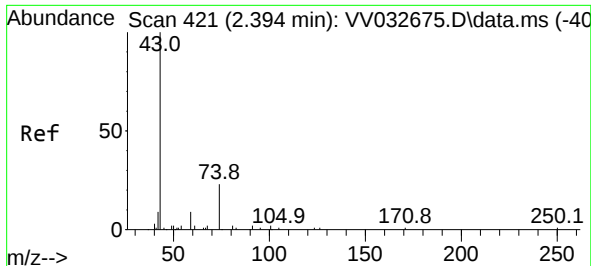
Tgt Ion: 76 Resp: 948484

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

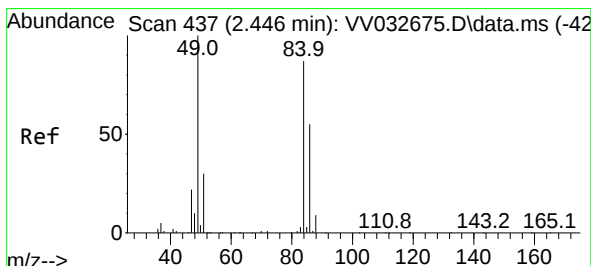
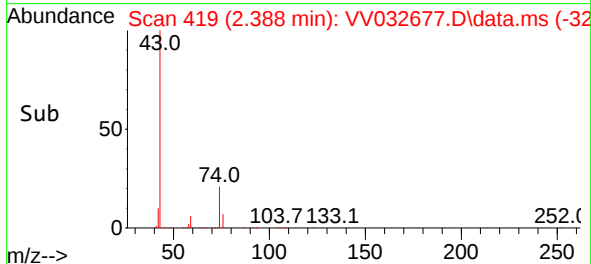
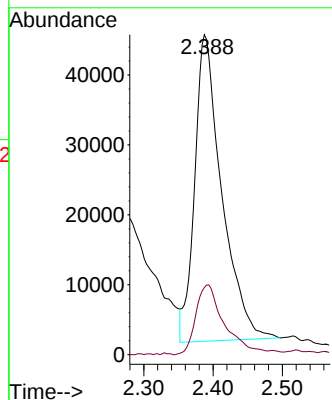
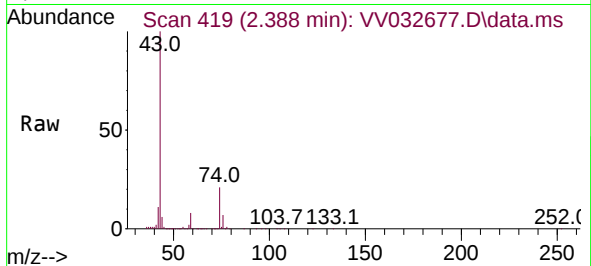




#15
Methyl Acetate
Concen: 21.094 ug/L
RT: 2.388 min Scan# 419
Delta R.T. -0.007 min
Lab File: VV032677.D
Acq: 27 Oct 2023 12:08

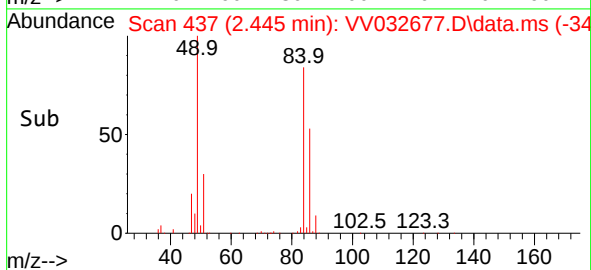
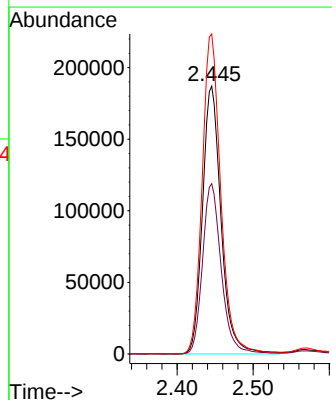
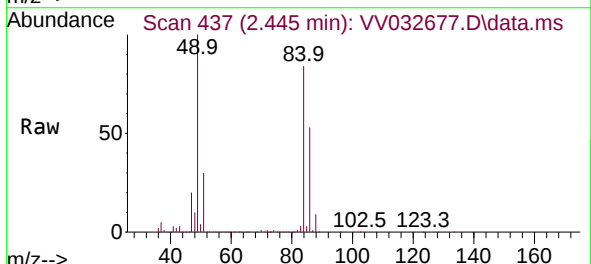
Instrument :
MSVOA_V
ClientSampleId :

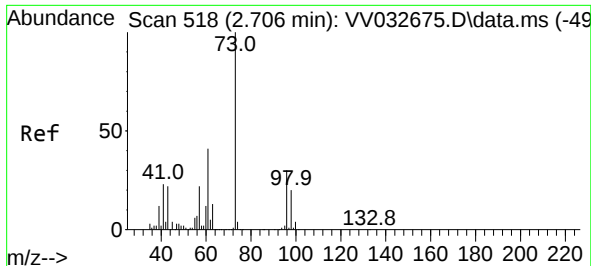
Tgt Ion: 43 Resp: 118949
Ion Ratio Lower Upper
43 100
74 24.1 23.1 34.7



#16
Methylene chloride
Concen: 19.729 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV032677.D
Acq: 27 Oct 2023 12:08

Tgt Ion: 84 Resp: 317496
Ion Ratio Lower Upper
84 100
86 63.6 44.8 83.2
49 119.5 81.1 150.5





#17

Methyl tert-butyl Ether

Concen: 20.556 ug/L

RT: 2.709 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV032677.D

Acq: 27 Oct 2023 12:08

Instrument :

MSVOA_V

ClientSampleId :

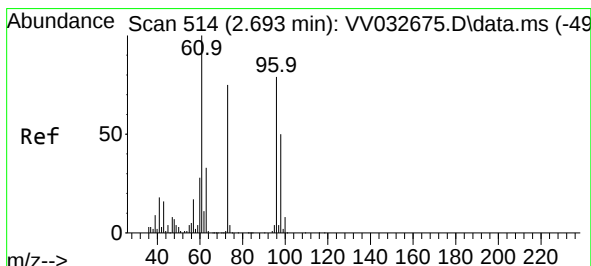
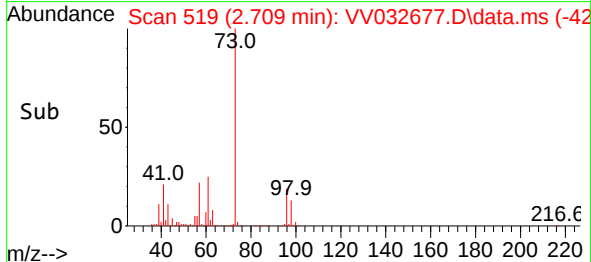
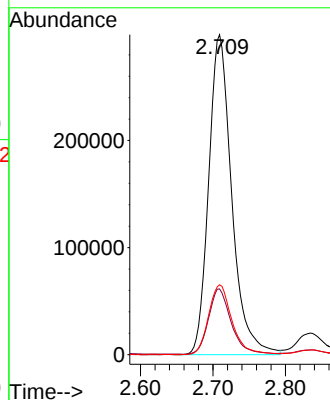
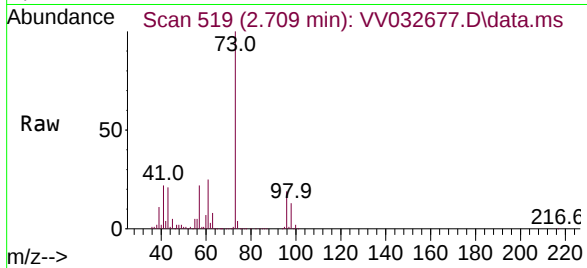
Tgt Ion: 73 Resp: 660530

Ion Ratio Lower Upper

73 100

43 19.9 16.6 24.8

57 22.2 18.1 27.1



#18

trans-1,2-Dichloroethene

Concen: 21.116 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.000 min

Lab File: VV032677.D

Acq: 27 Oct 2023 12:08

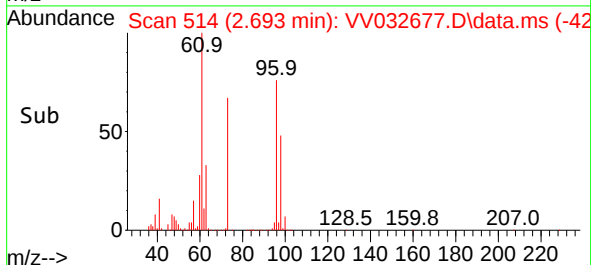
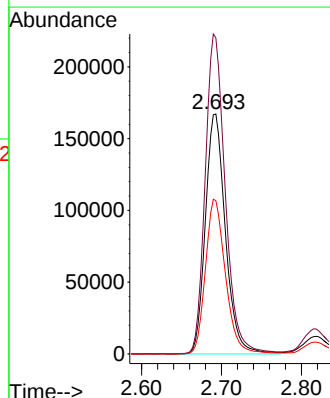
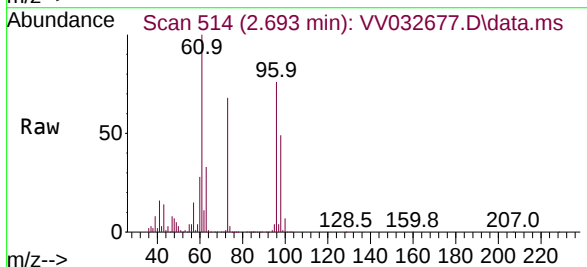
Tgt Ion: 96 Resp: 292010

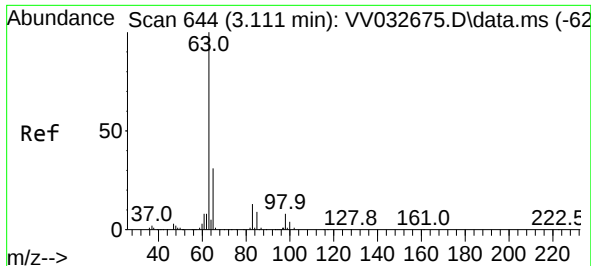
Ion Ratio Lower Upper

96 100

61 131.6 88.7 164.7

98 63.8 44.4 82.4

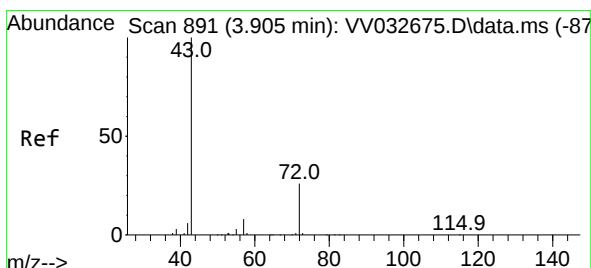
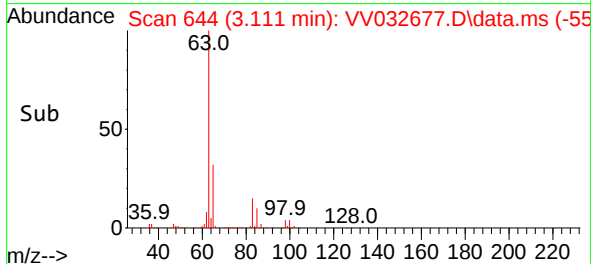
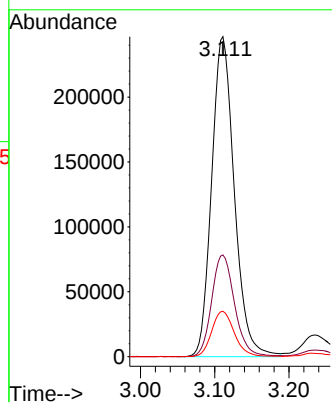
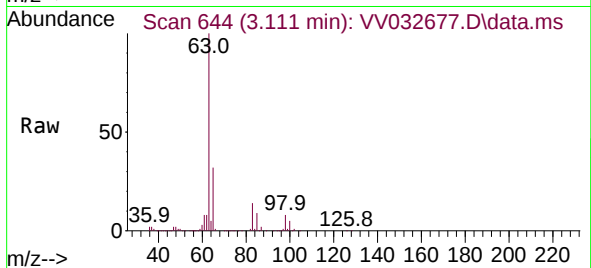




#19
1,1-Dichloroethane
Concen: 20.407 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.000 min
Lab File: VV032677.D
Acq: 27 Oct 2023 12:08

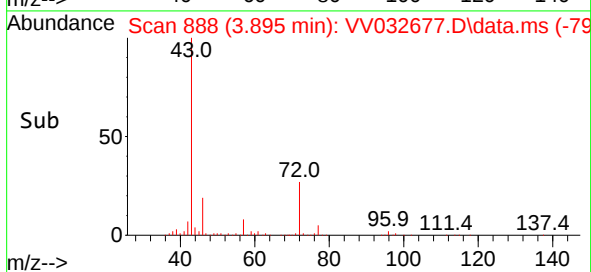
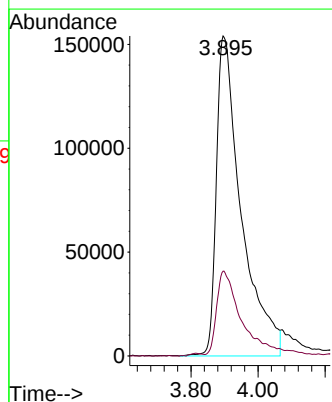
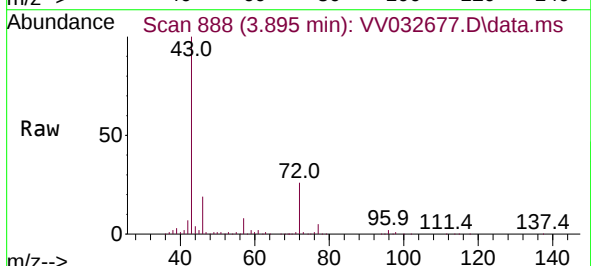
Instrument :
MSVOA_V
ClientSampleId :

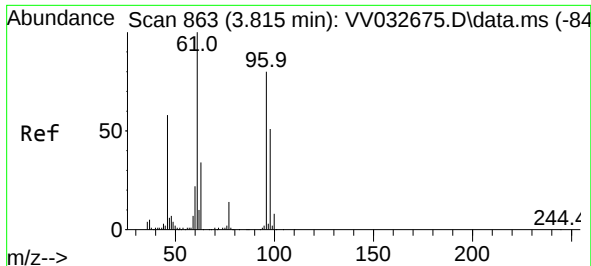
Tgt Ion: 63 Resp: 523002
Ion Ratio Lower Upper
63 100
65 31.8 21.5 39.9
83 14.2 9.2 17.0



#21
2-Butanone
Concen: 200.365 ug/L
RT: 3.895 min Scan# 888
Delta R.T. -0.010 min
Lab File: VV032677.D
Acq: 27 Oct 2023 12:08

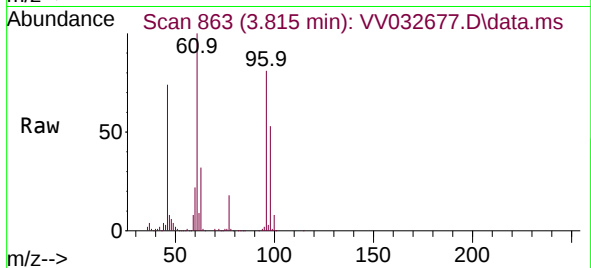
Tgt Ion: 43 Resp: 793073
Ion Ratio Lower Upper
43 100
72 24.8 10.4 31.2



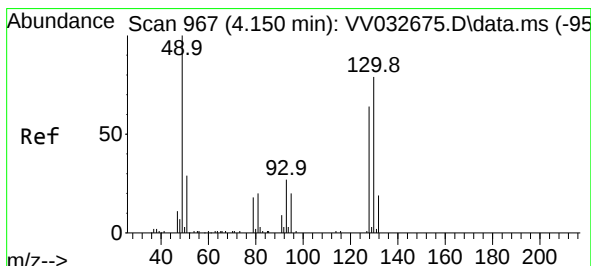
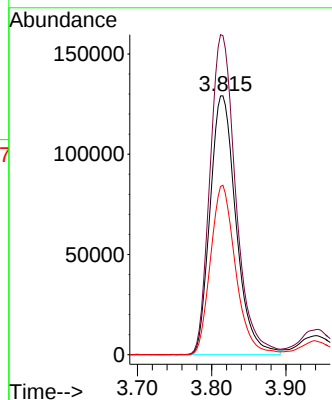
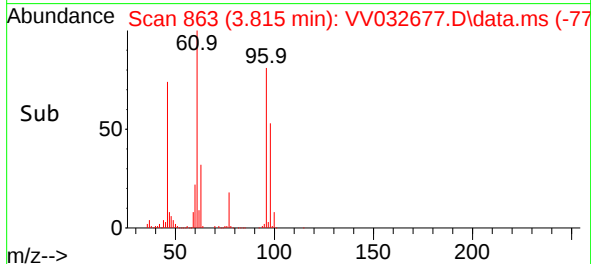


#22
 cis-1,2-Dichloroethene
 Concen: 21.376 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. -0.000 min
 Lab File: VV032677.D
 Acq: 27 Oct 2023 12:08

Instrument :
 MSVOA_V
 ClientSampleId :

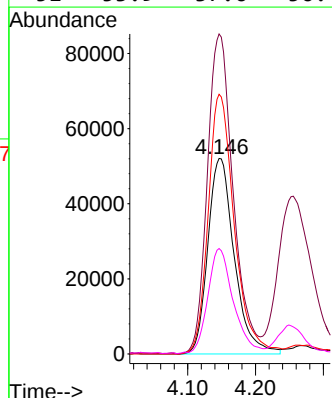
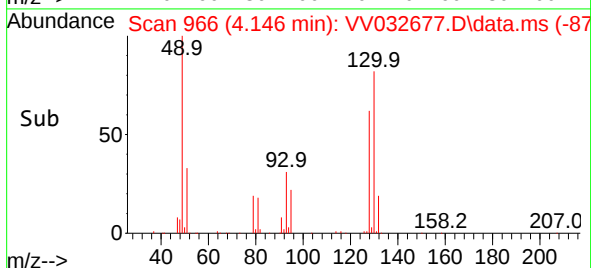
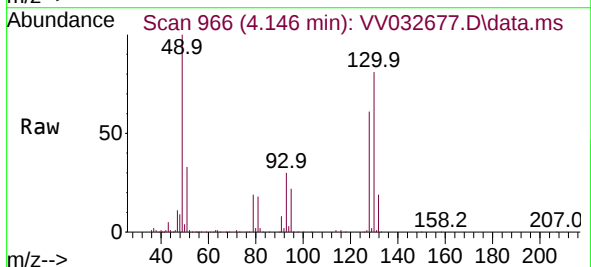


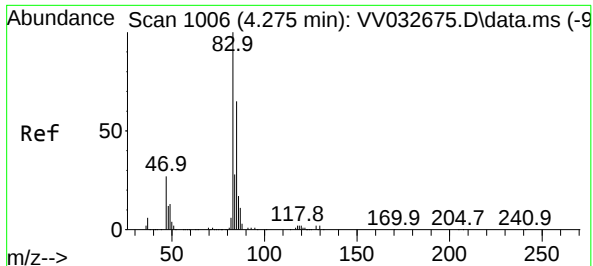
Tgt Ion: 96 Resp: 313146
 Ion Ratio Lower Upper
 96 100
 61 123.2 87.7 162.9
 98 65.5 45.0 83.6



#23
 Bromochloromethane
 Concen: 22.372 ug/L
 RT: 4.146 min Scan# 966
 Delta R.T. -0.003 min
 Lab File: VV032677.D
 Acq: 27 Oct 2023 12:08

Tgt Ion: 128 Resp: 141093
 Ion Ratio Lower Upper
 128 100
 49 163.7 110.4 205.0
 130 132.9 86.8 161.2
 51 53.9 37.6 56.4





#25

Chloroform

Concen: 21.631 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VV032677.D

Acq: 27 Oct 2023 12:08

Instrument :

MSVOA_V

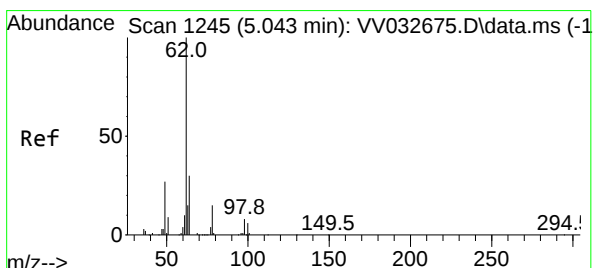
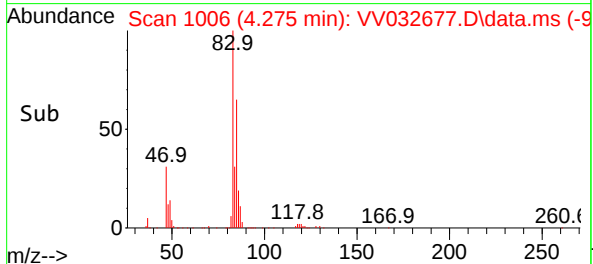
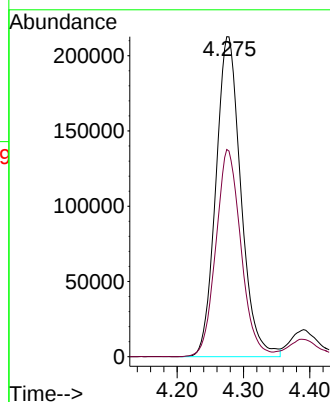
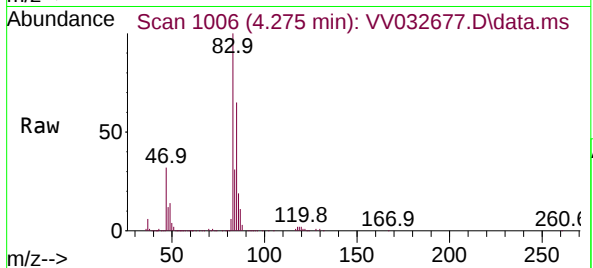
ClientSampleId :

Tgt Ion: 83 Resp: 557509

Ion Ratio Lower Upper

83 100

85 64.8 45.7 84.9



#27

1,2-Dichloroethane

Concen: 22.483 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.000 min

Lab File: VV032677.D

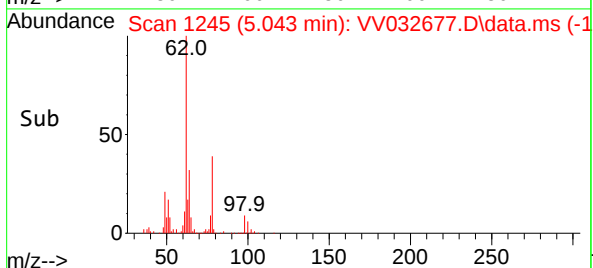
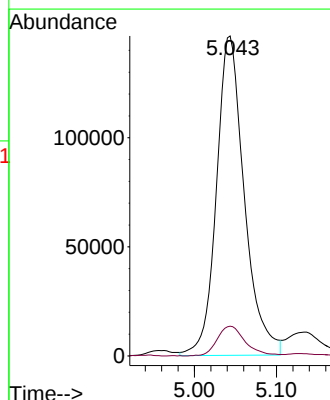
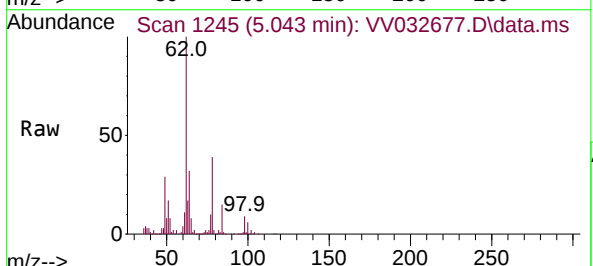
Acq: 27 Oct 2023 12:08

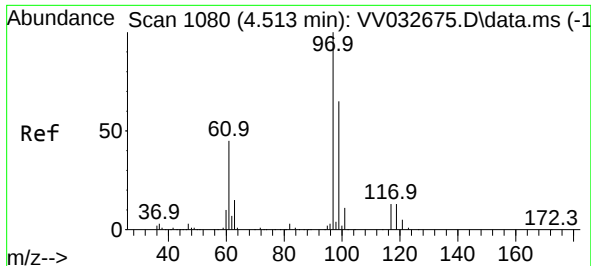
Tgt Ion: 62 Resp: 346023

Ion Ratio Lower Upper

62 100

98 9.3 7.0 10.4





#29

1,1,1-Trichloroethane

Concen: 19.748 ug/L

RT: 4.513 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VV032677.D

Acq: 27 Oct 2023 12:08

Instrument :

MSVOA_V

ClientSampleId :

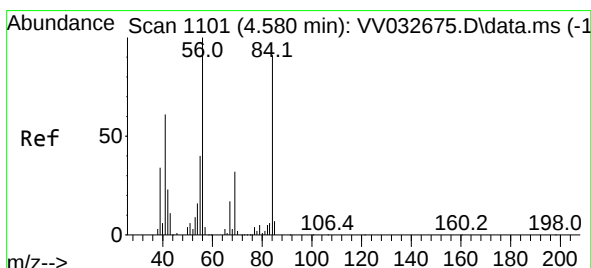
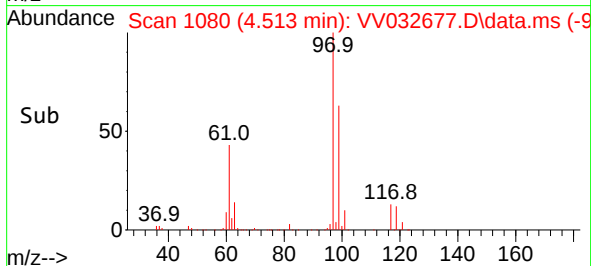
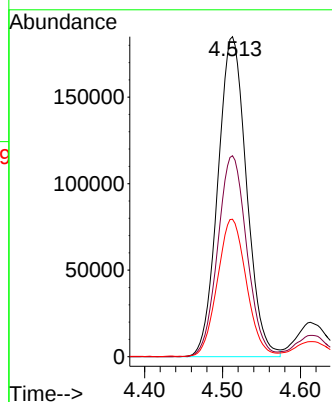
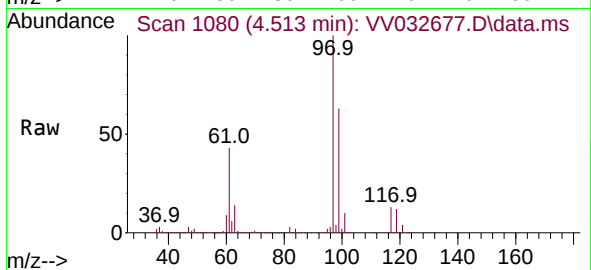
Tgt Ion: 97 Resp: 472955

Ion Ratio Lower Upper

97 100

99 63.7 51.4 77.0

61 43.4 36.1 54.1



#30

Cyclohexane

Concen: 17.301 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV032677.D

Acq: 27 Oct 2023 12:08

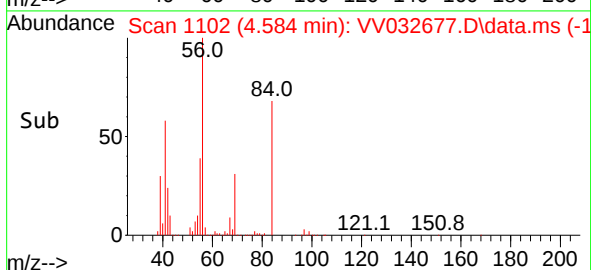
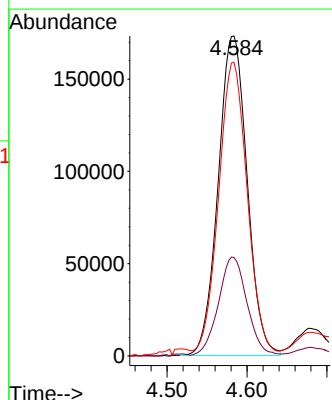
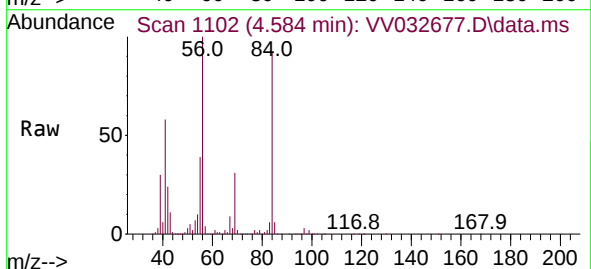
Tgt Ion: 56 Resp: 436386

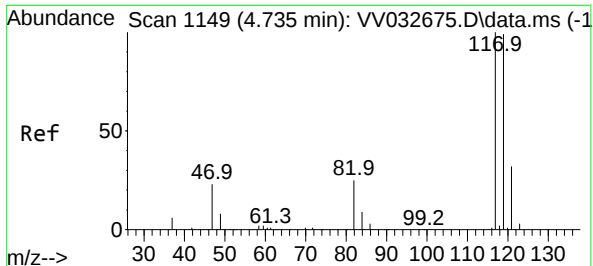
Ion Ratio Lower Upper

56 100

69 30.2 25.0 37.6

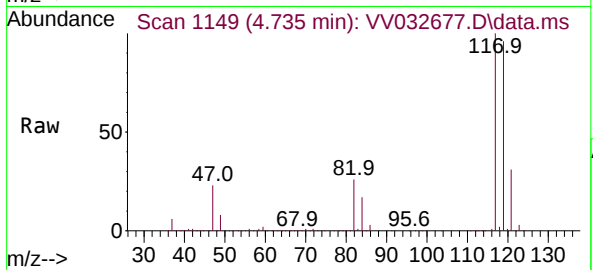
84 88.3 72.9 109.3



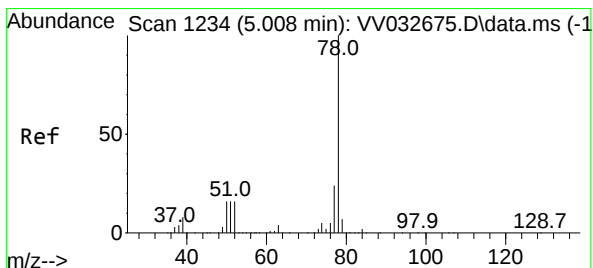
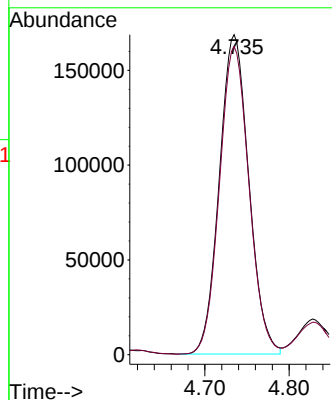
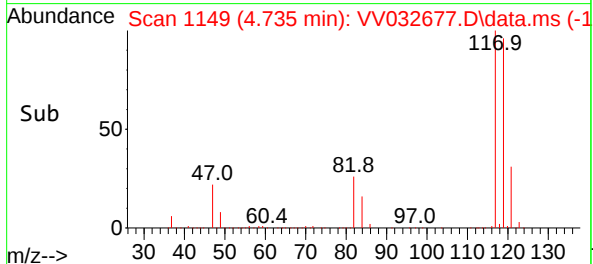


#31
Carbon tetrachloride
Concen: 20.006 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV032677.D
Acq: 27 Oct 2023 12:08

Instrument :
MSVOA_V
ClientSampleId :

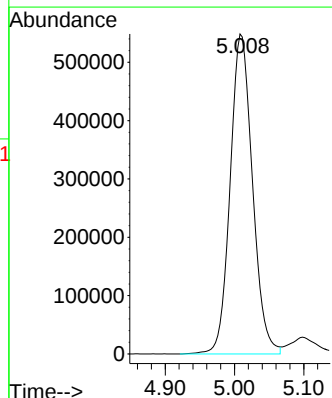
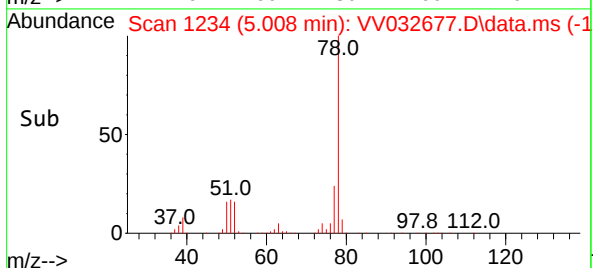
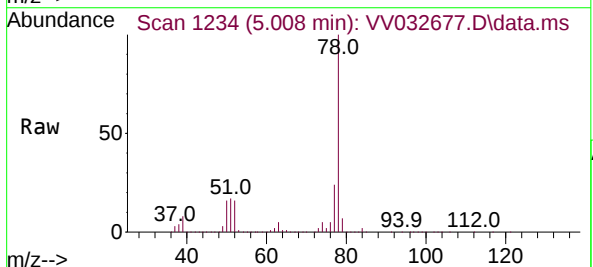


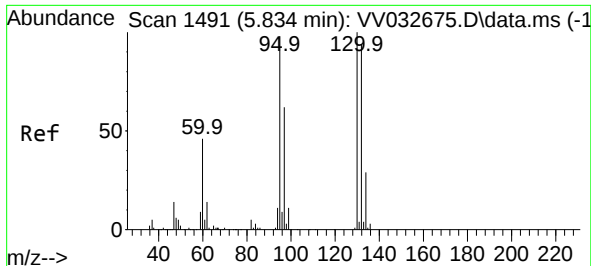
Tgt Ion:117 Resp: 409602
Ion Ratio Lower Upper
117 100
119 96.6 77.8 116.6



#33
Benzene
Concen: 19.880 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VV032677.D
Acq: 27 Oct 2023 12:08

Tgt Ion: 78 Resp: 1227459





#34

Trichloroethene

Concen: 18.466 ug/L

RT: 5.831 min Scan# 1491

Delta R.T. -0.003 min

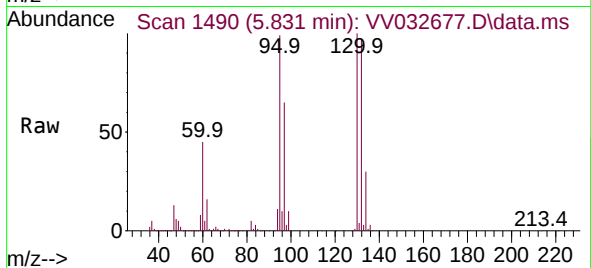
Lab File: VV032677.D

Acq: 27 Oct 2023 12:08

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 308443

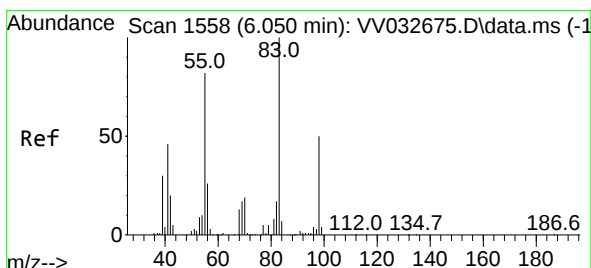
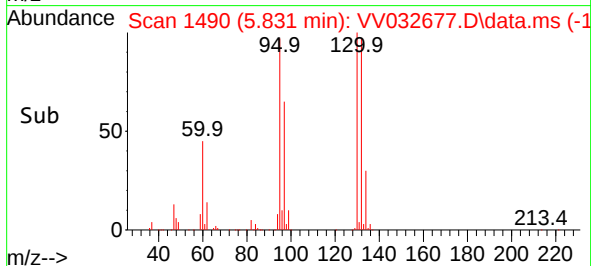
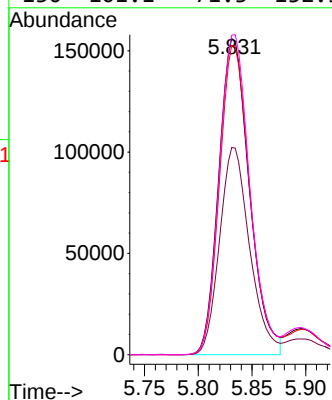
Ion Ratio Lower Upper

95 100

97 65.6 44.0 81.8

132 97.9 66.9 124.3

130 101.1 71.3 132.3



#35

Methylcyclohexane

Concen: 19.344 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV032677.D

Acq: 27 Oct 2023 12:08

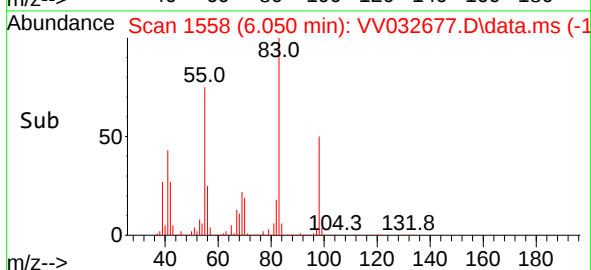
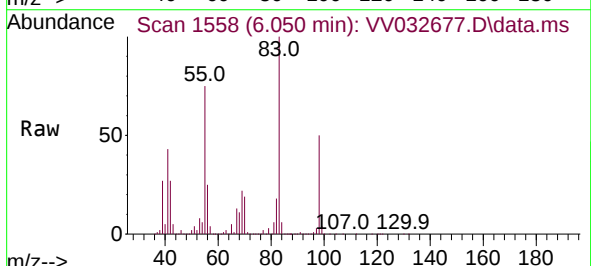
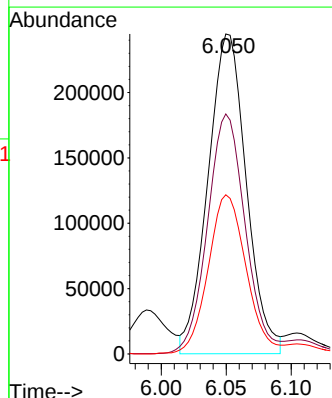
Tgt Ion: 83 Resp: 501989

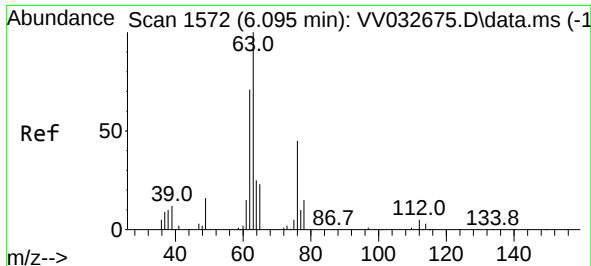
Ion Ratio Lower Upper

83 100

55 74.4 59.6 89.4

98 49.4 39.1 58.7





#37

1,2-Dichloropropane

Concen: 17.757 ug/L

RT: 6.095 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV032677.D

Acq: 27 Oct 2023 12:08

Instrument :

MSVOA_V

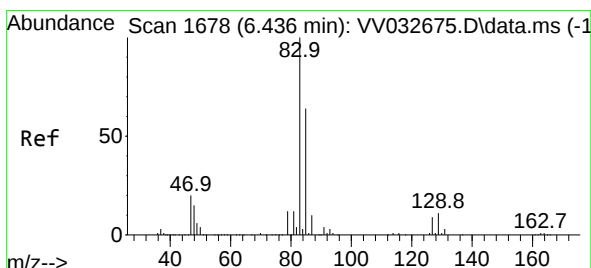
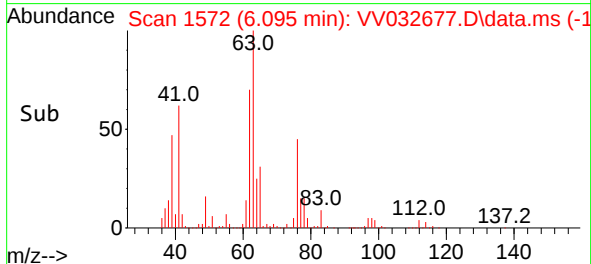
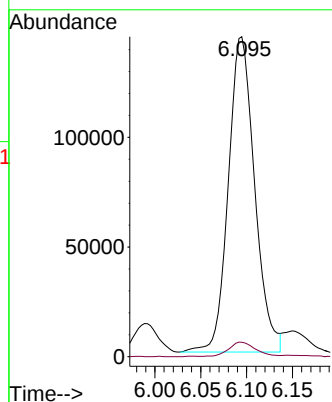
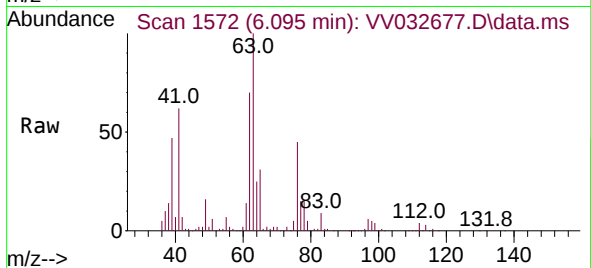
ClientSampleId :

Tgt Ion: 63 Resp: 287399

Ion Ratio Lower Upper

63 100

112 4.8 4.6 7.0



#38

Bromodichloromethane

Concen: 21.819 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. -0.003 min

Lab File: VV032677.D

Acq: 27 Oct 2023 12:08

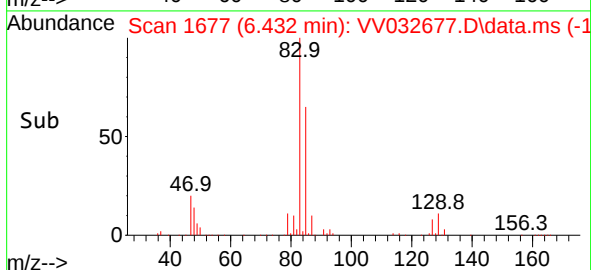
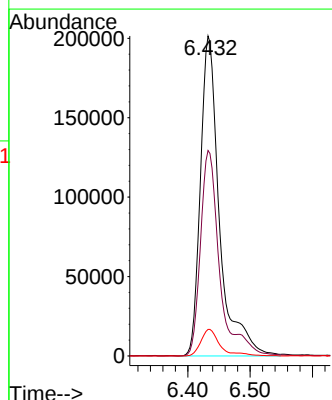
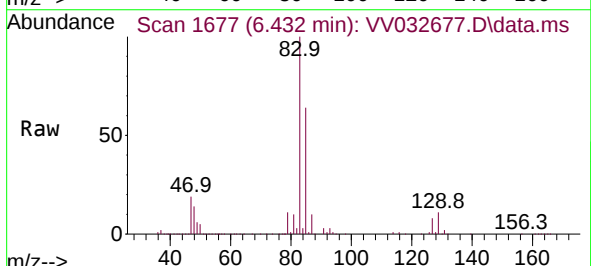
Tgt Ion: 83 Resp: 429587

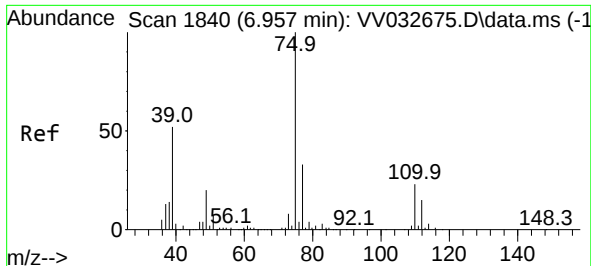
Ion Ratio Lower Upper

83 100

85 64.2 44.9 83.5

127 8.3 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 20.735 ug/L

RT: 6.953 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV032677.D

Acq: 27 Oct 2023 12:08

Instrument :

MSVOA_V

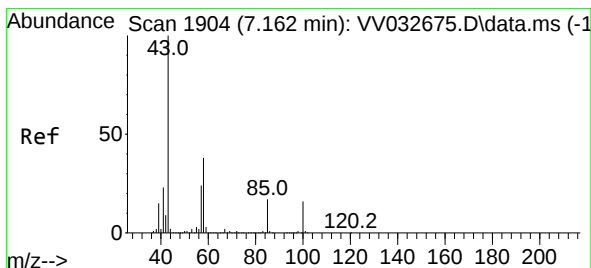
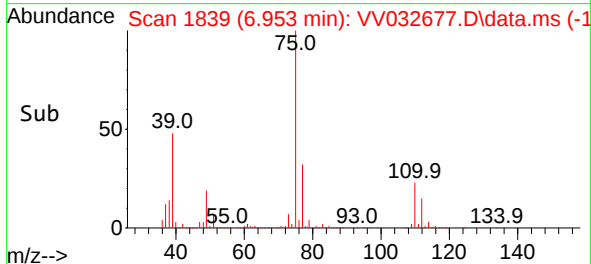
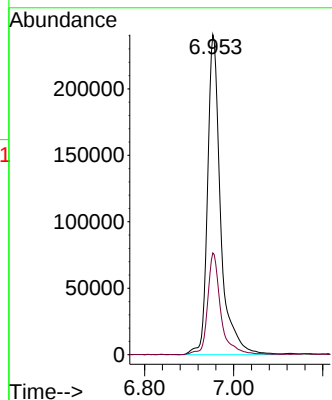
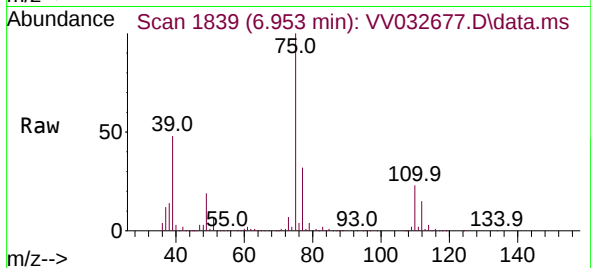
ClientSampleId :

Tgt Ion: 75 Resp: 488824

Ion Ratio Lower Upper

75 100

77 31.8 23.2 43.2



#40

4-Methyl-2-pentanone

Concen: 198.452 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VV032677.D

Acq: 27 Oct 2023 12:08

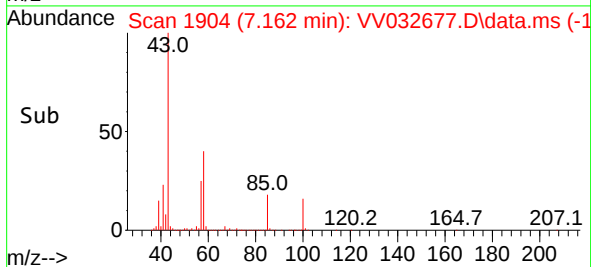
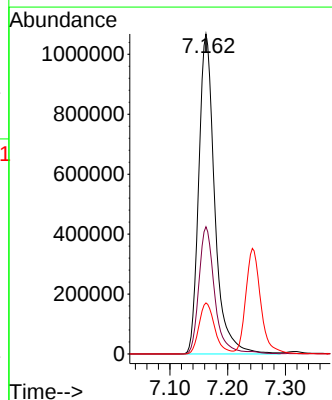
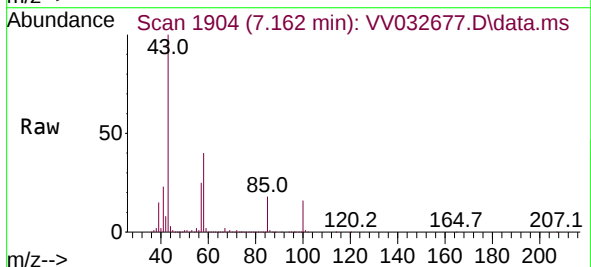
Tgt Ion: 43 Resp: 2045498

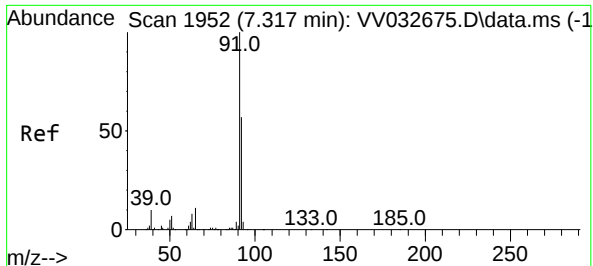
Ion Ratio Lower Upper

43 100

58 39.8 31.3 46.9

100 15.7 12.2 18.4

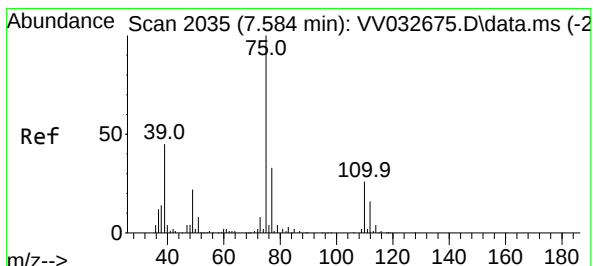
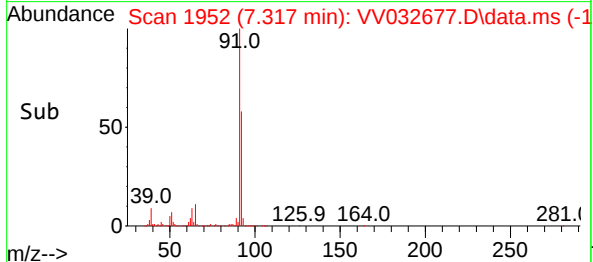
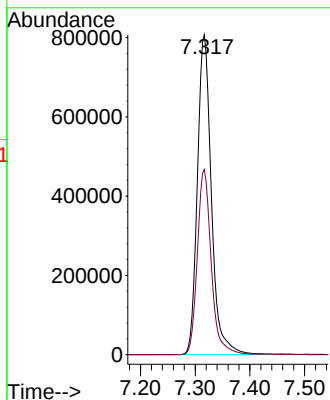
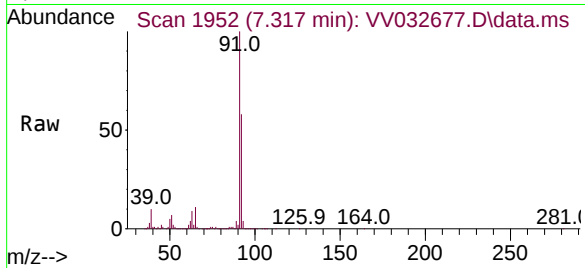




#42
Toluene
Concen: 21.276 ug/L
RT: 7.317 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VV032677.D
Acq: 27 Oct 2023 12:08

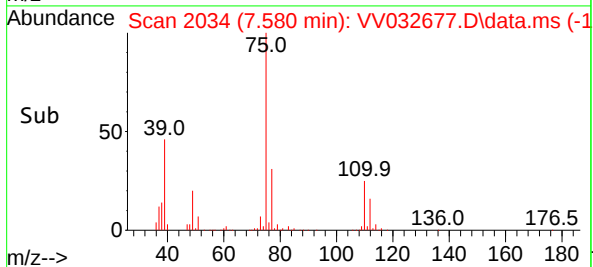
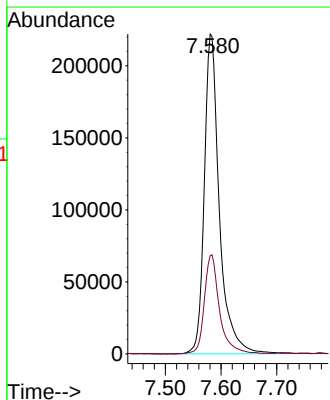
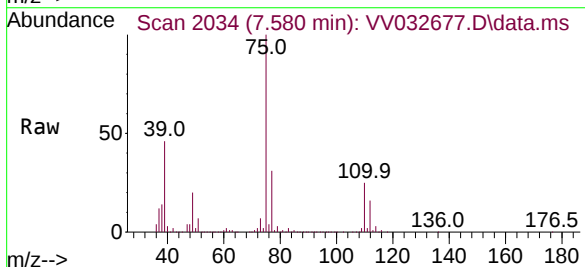
Instrument :
MSVOA_V
ClientSampleId :

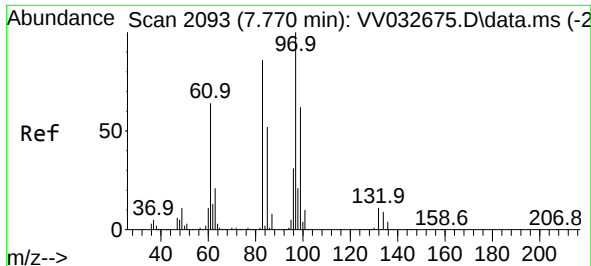
Tgt Ion: 91 Resp: 1435843
Ion Ratio Lower Upper
91 100
92 57.8 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 21.381 ug/L
RT: 7.580 min Scan# 2034
Delta R.T. -0.003 min
Lab File: VV032677.D
Acq: 27 Oct 2023 12:08

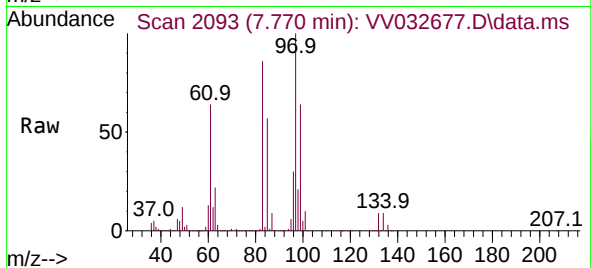
Tgt Ion: 75 Resp: 416455
Ion Ratio Lower Upper
75 100
77 30.7 23.4 43.4



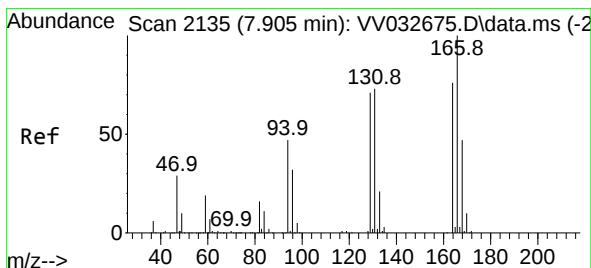
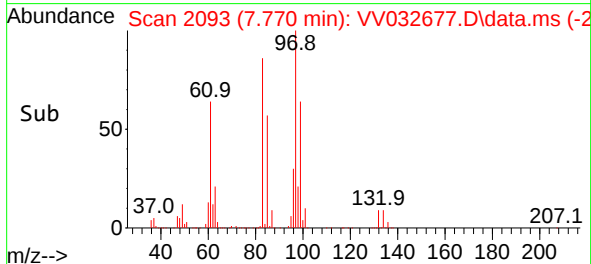
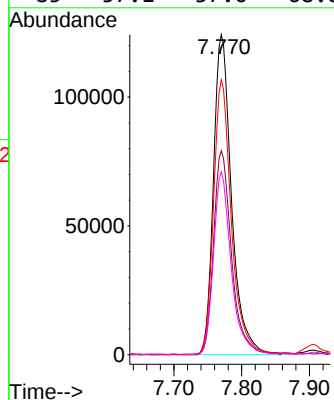


#45
1,1,2-Trichloroethane
Concen: 19.540 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV032677.D
Acq: 27 Oct 2023 12:08

Instrument :
MSVOA_V
ClientSampleId :

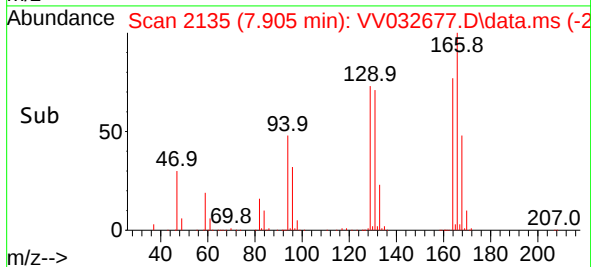
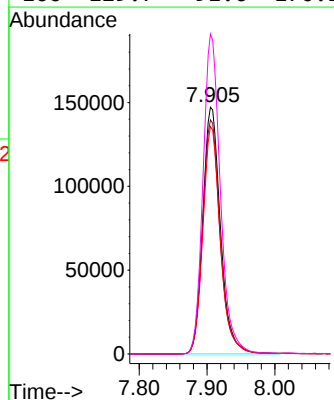
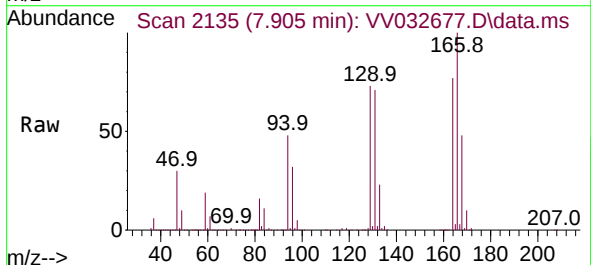


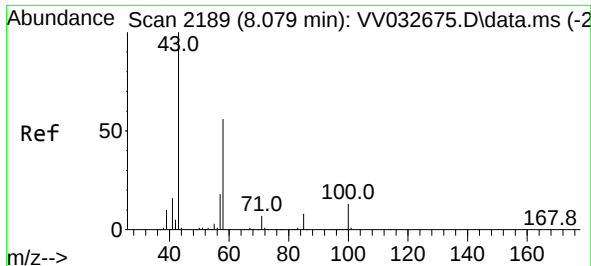
Tgt Ion:	97	Resp:	229955
Ion	Ratio	Lower	Upper
97	100		
99	63.7	44.0	81.8
83	85.9	59.9	111.3
85	57.1	37.0	68.8



#47
Tetrachloroethene
Concen: 20.242 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV032677.D
Acq: 27 Oct 2023 12:08

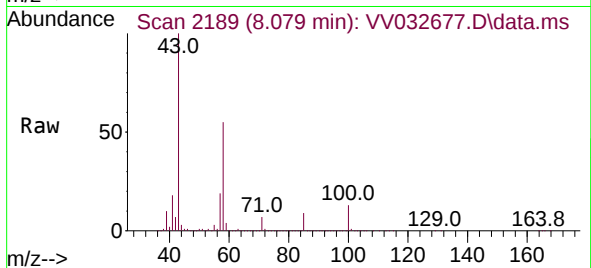
Tgt Ion:	164	Resp:	266623
Ion	Ratio	Lower	Upper
164	100		
129	94.9	65.3	121.3
131	92.2	66.6	123.8
166	129.7	91.6	170.2





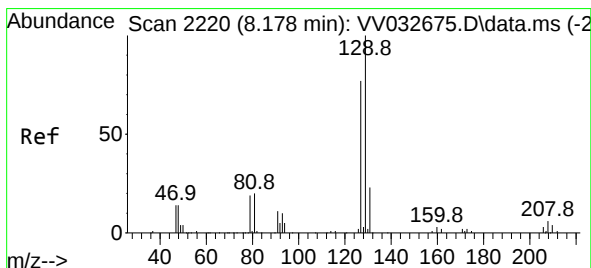
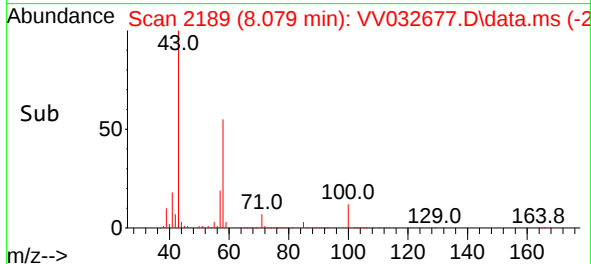
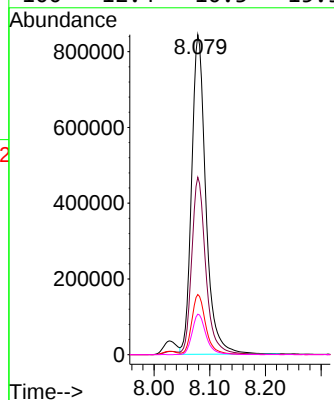
#48
2-Hexanone
Concen: 206.642 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV032677.D
Acq: 27 Oct 2023 12:08

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 1495280

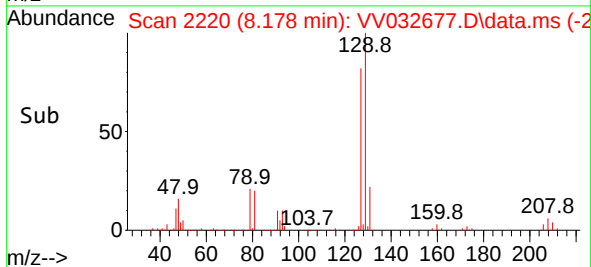
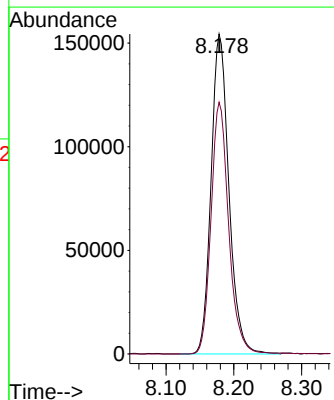
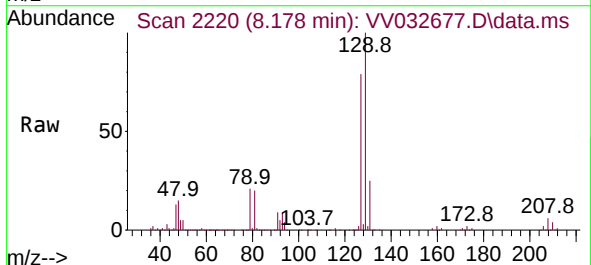
Ion	Ratio	Lower	Upper
43	100		
58	55.0	43.8	65.6
57	18.6	15.1	22.7
100	12.4	10.3	15.5

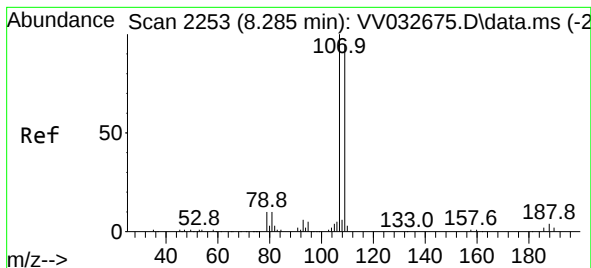


#49
Dibromochloromethane
Concen: 22.364 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.000 min
Lab File: VV032677.D
Acq: 27 Oct 2023 12:08

Tgt Ion: 129 Resp: 281879

Ion	Ratio	Lower	Upper
129	100		
127	78.7	54.0	100.4





#50

1,2-Dibromoethane

Concen: 19.975 ug/L

RT: 8.284 min Scan# 21

Delta R.T. -0.000 min

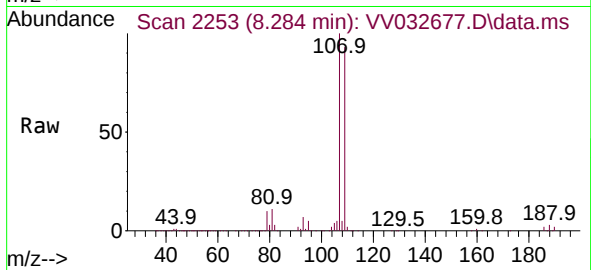
Lab File: VV032677.D

Acq: 27 Oct 2023 12:08

Instrument :

MSVOA_V

ClientSampleId :



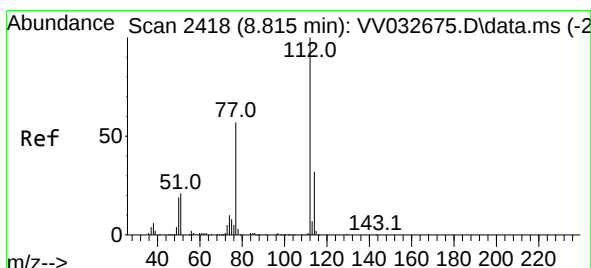
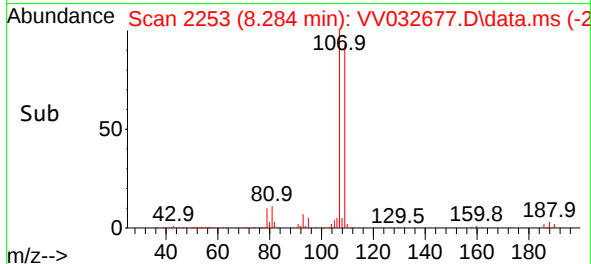
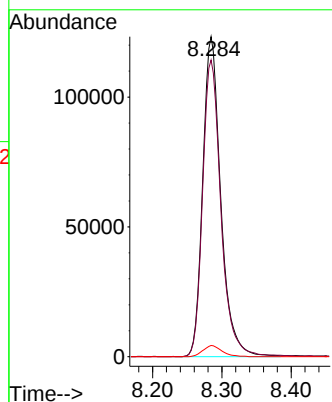
Tgt Ion:107 Resp: 222306

Ion Ratio Lower Upper

107 100

109 92.7 66.4 123.4

188 3.5 2.9 4.3



#51

Chlorobenzene

Concen: 20.861 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. -0.000 min

Lab File: VV032677.D

Acq: 27 Oct 2023 12:08

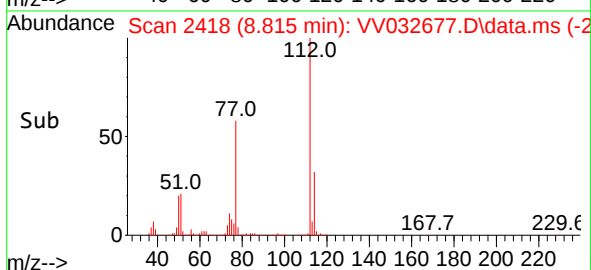
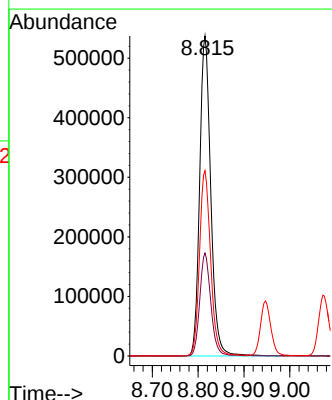
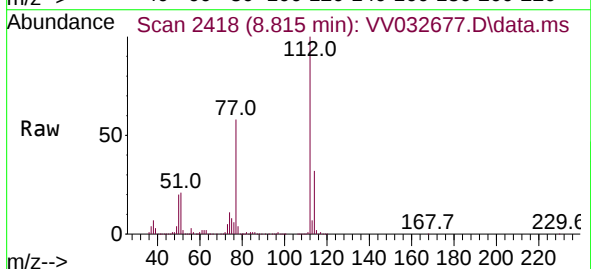
Tgt Ion:112 Resp: 902133

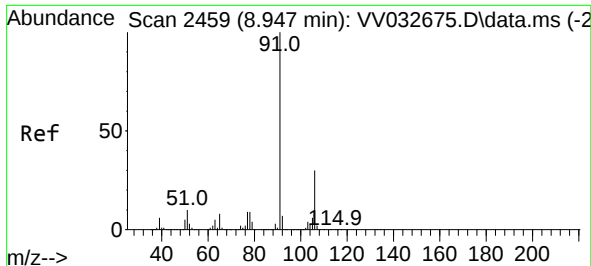
Ion Ratio Lower Upper

112 100

114 32.2 22.7 42.3

77 57.9 45.7 68.5





#52

Ethylbenzene

Concen: 21.605 ug/L

RT: 8.947 min Scan# 2459

Delta R.T. -0.000 min

Lab File: VV032677.D

Acq: 27 Oct 2023 12:08

Instrument :

MSVOA_V

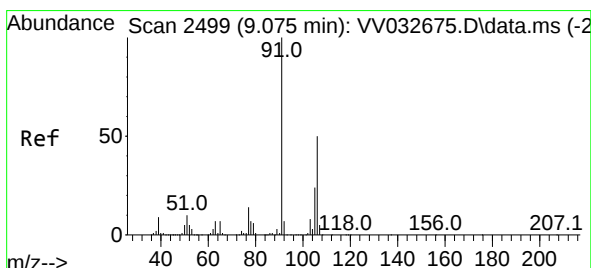
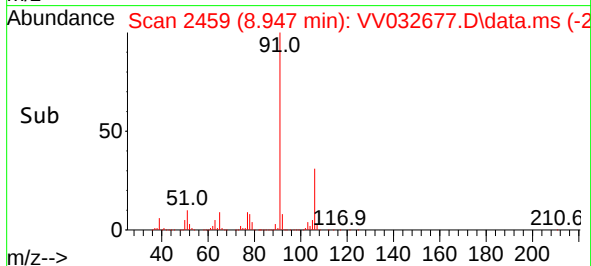
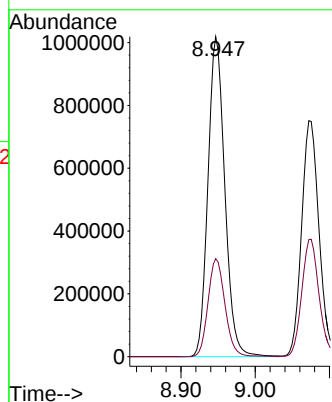
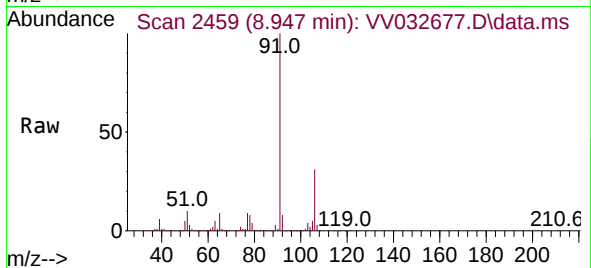
ClientSampleId :

Tgt Ion: 91 Resp: 1599036

Ion Ratio Lower Upper

91 100

106 30.6 20.9 38.9



#53

m,p-Xylene

Concen: 21.971 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. -0.000 min

Lab File: VV032677.D

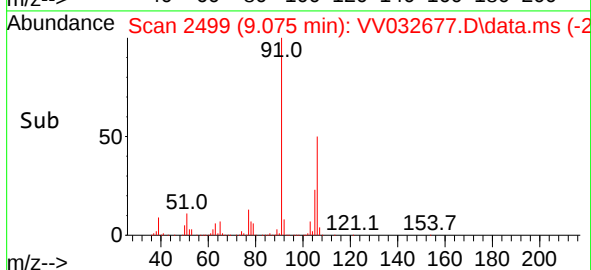
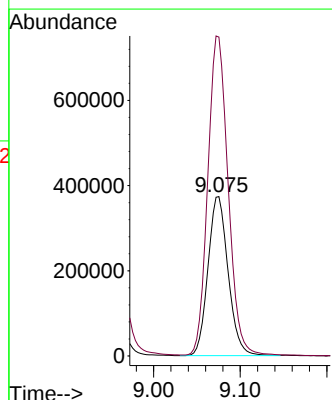
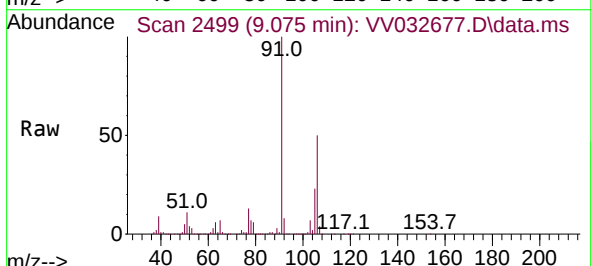
Acq: 27 Oct 2023 12:08

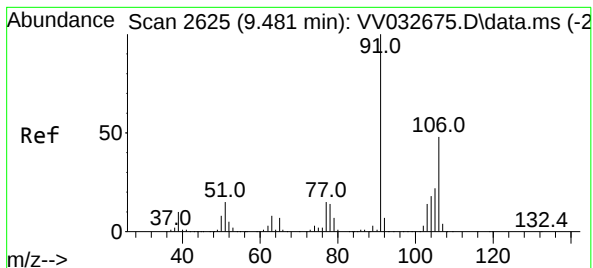
Tgt Ion:106 Resp: 604359

Ion Ratio Lower Upper

106 100

91 200.1 139.3 258.7





#54

o-Xylene

Concen: 22.263 ug/L

RT: 9.480 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV032677.D

Acq: 27 Oct 2023 12:08

Instrument :

MSVOA_V

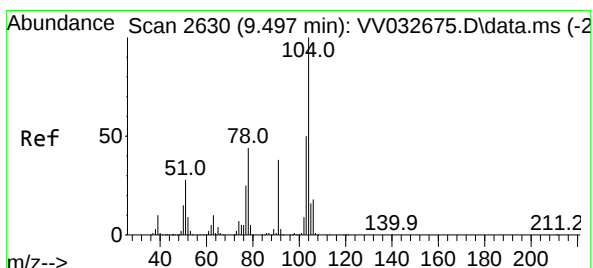
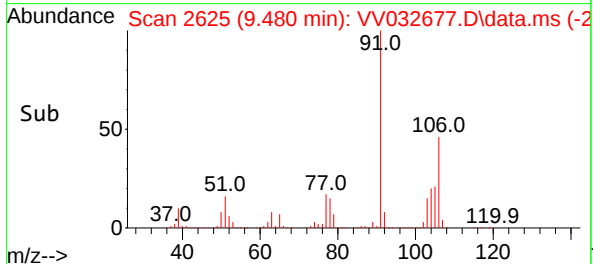
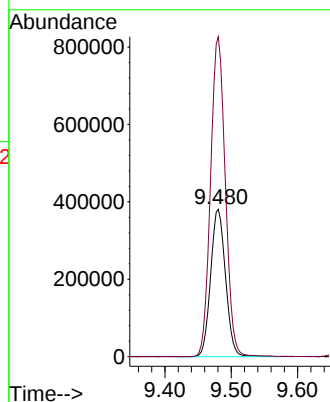
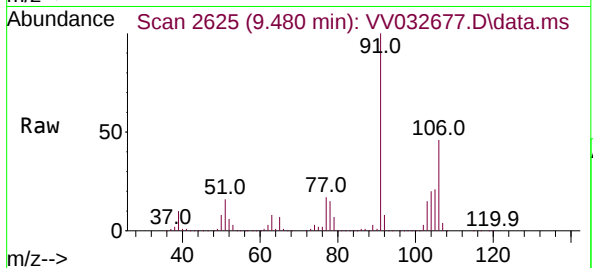
ClientSampleId :

Tgt Ion:106 Resp: 593360

Ion Ratio Lower Upper

106 100

91 217.1 147.4 273.8



#55

Styrene

Concen: 22.740 ug/L

RT: 9.497 min Scan# 2630

Delta R.T. -0.000 min

Lab File: VV032677.D

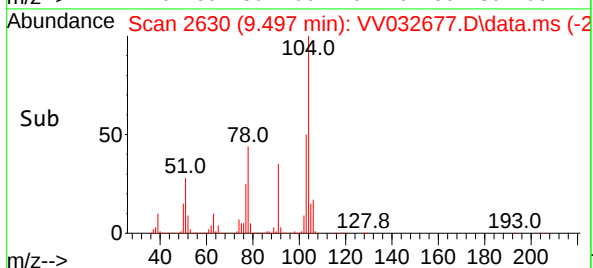
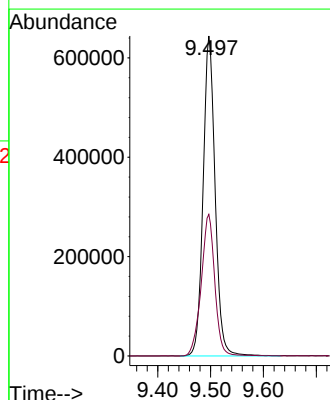
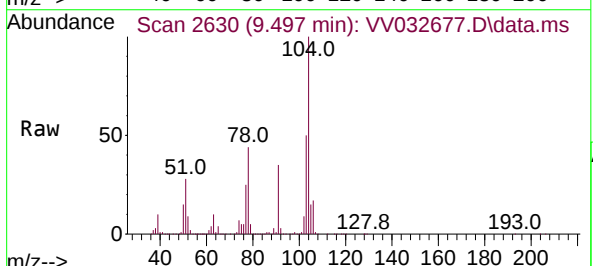
Acq: 27 Oct 2023 12:08

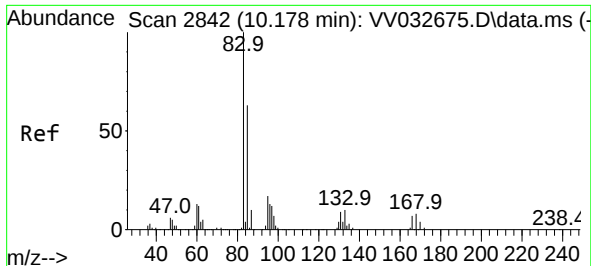
Tgt Ion:104 Resp: 1018722

Ion Ratio Lower Upper

104 100

78 44.3 30.5 56.7





#57

1,1,2,2-Tetrachloroethane

Concen: 21.270 ug/L

RT: 10.181 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV032677.D

Acq: 27 Oct 2023 12:08

Instrument :

MSVOA_V

ClientSampleId :

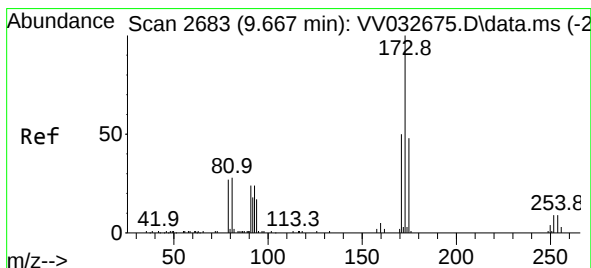
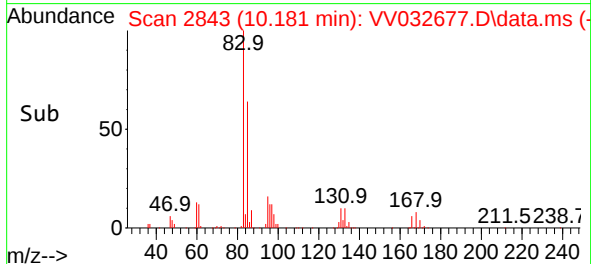
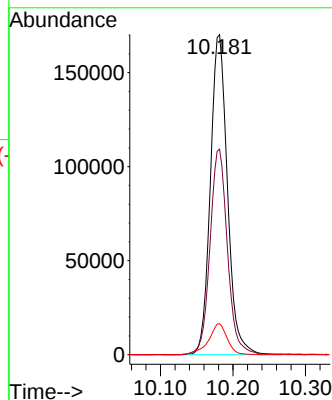
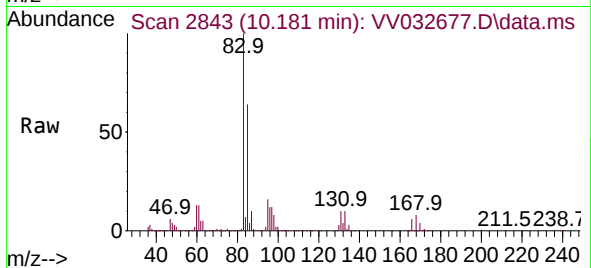
Tgt Ion: 83 Resp: 278451

Ion Ratio Lower Upper

83 100

85 64.2 44.0 81.8

131 9.7 7.8 11.8



#59

Bromoform

Concen: 21.792 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. -0.000 min

Lab File: VV032677.D

Acq: 27 Oct 2023 12:08

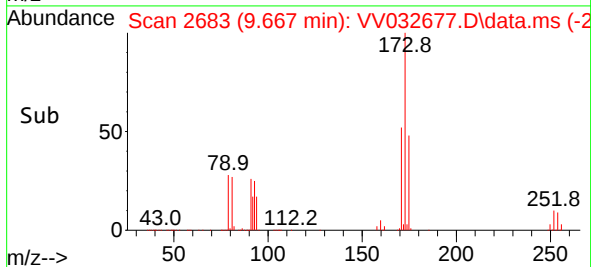
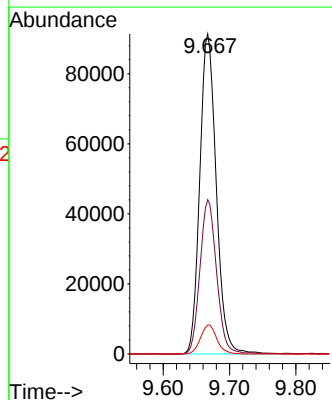
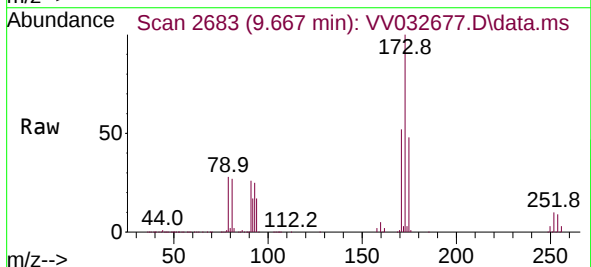
Tgt Ion: 173 Resp: 157525

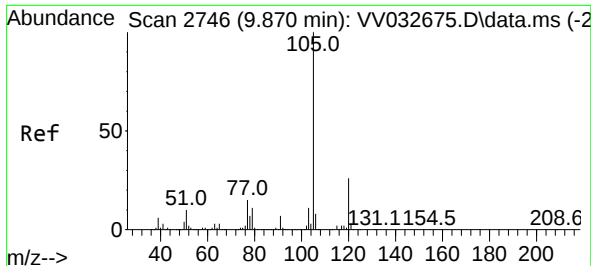
Ion Ratio Lower Upper

173 100

175 48.4 38.4 57.6

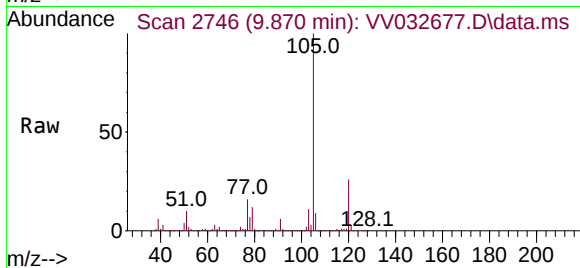
254 9.0 6.9 10.3



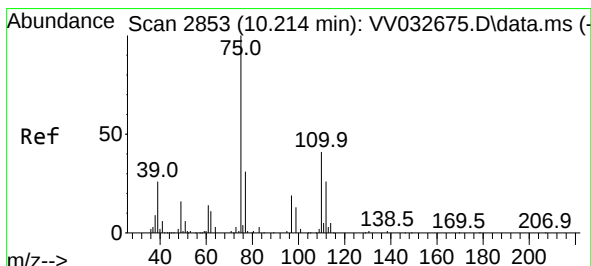
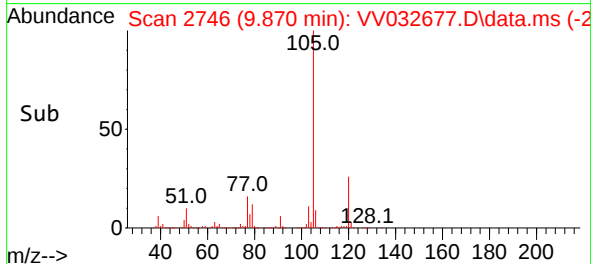
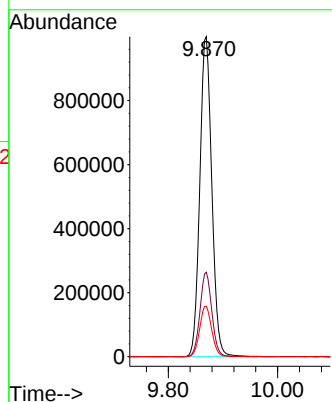


#60
Isopropylbenzene
Concen: 20.418 ug/L
RT: 9.870 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV032677.D
Acq: 27 Oct 2023 12:08

Instrument :
MSVOA_V
ClientSampleId :

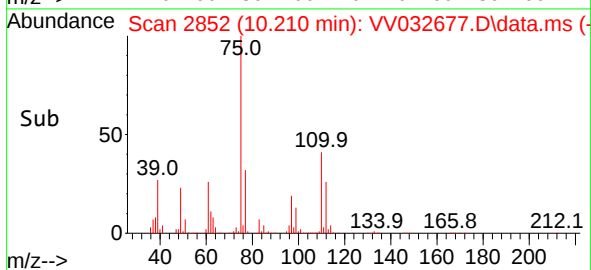
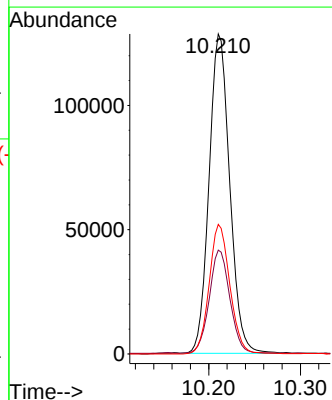
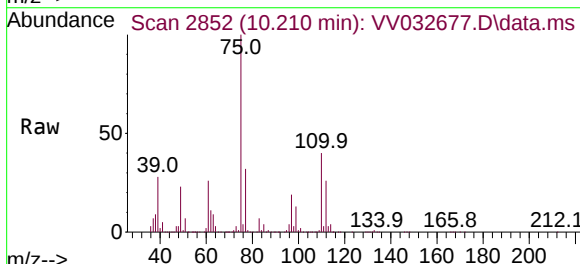


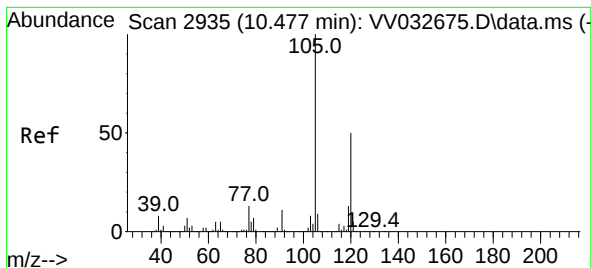
Tgt Ion:105 Resp: 1516641
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.6
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 19.465 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.003 min
Lab File: VV032677.D
Acq: 27 Oct 2023 12:08

Tgt Ion: 75 Resp: 201452
Ion Ratio Lower Upper
75 100
77 32.2 24.5 36.7
110 40.8 32.3 48.5

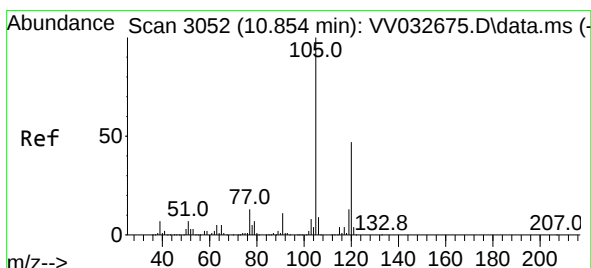
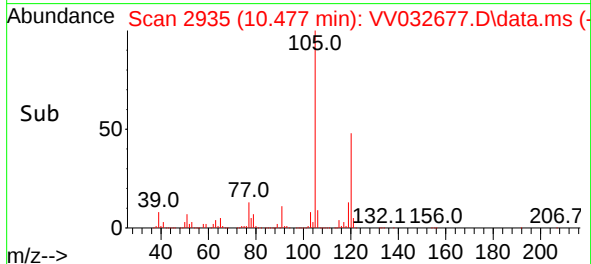
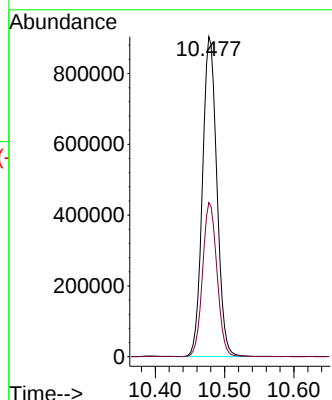
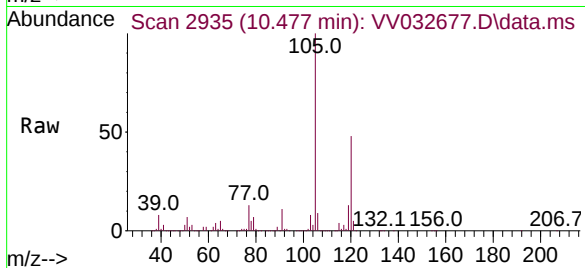




#62
 1,3,5-Trimethylbenzene
 Concen: 21.529 ug/L
 RT: 10.477 min Scan# 2935
 Delta R.T. -0.000 min
 Lab File: VV032677.D
 Acq: 27 Oct 2023 12:08

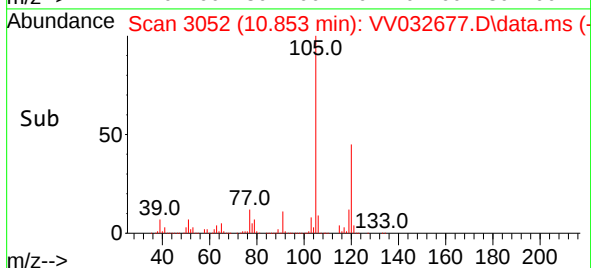
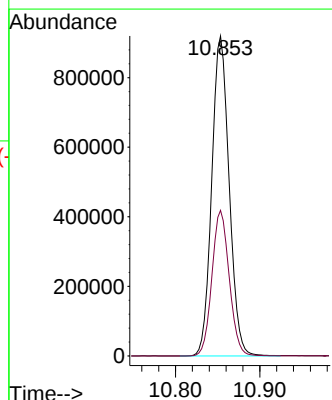
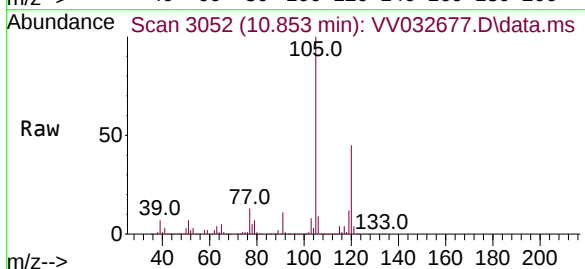
Instrument :
 MSVOA_V
 ClientSampleId :

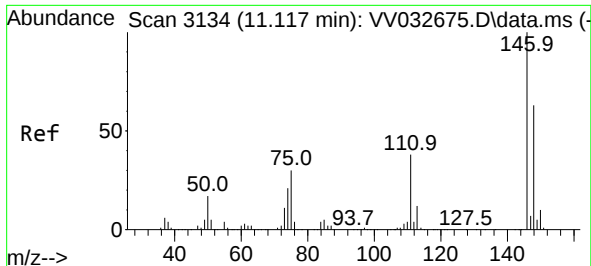
Tgt Ion:105 Resp: 1302149
 Ion Ratio Lower Upper
 105 100
 120 48.3 39.4 59.2



#63
 1,2,4-Trimethylbenzene
 Concen: 21.861 ug/L
 RT: 10.853 min Scan# 3052
 Delta R.T. -0.000 min
 Lab File: VV032677.D
 Acq: 27 Oct 2023 12:08

Tgt Ion:105 Resp: 1316899
 Ion Ratio Lower Upper
 105 100
 120 45.2 36.9 55.3

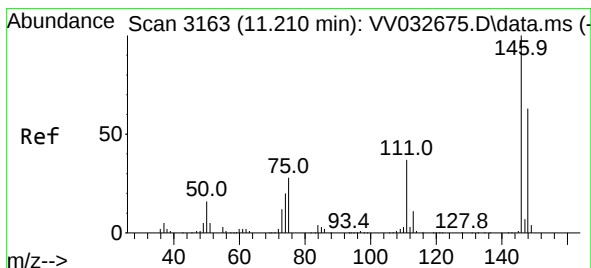
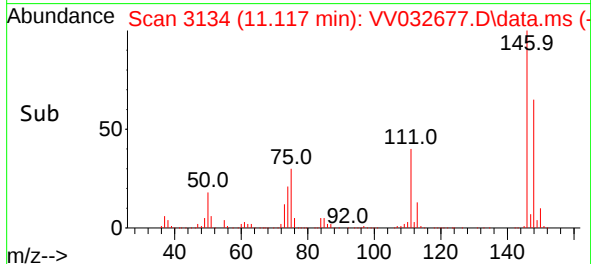
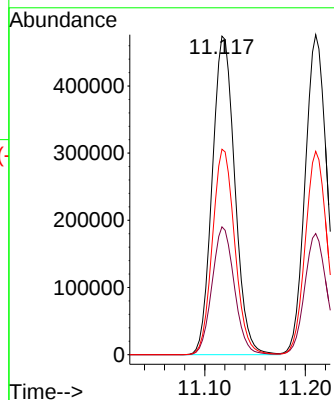
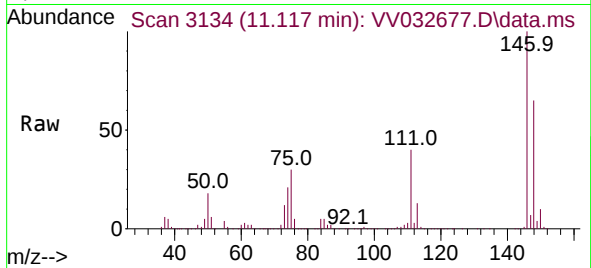




#64
1,3-Dichlorobenzene
Concen: 20.438 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV032677.D
Acq: 27 Oct 2023 12:08

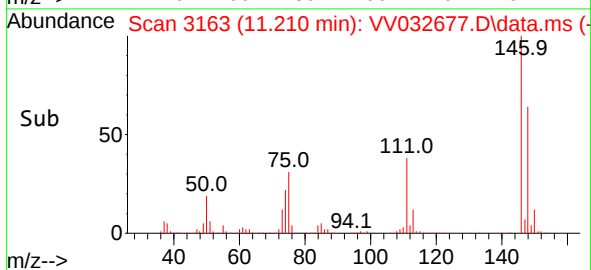
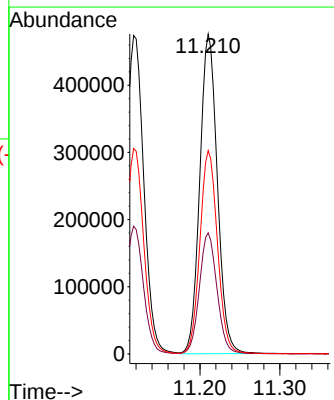
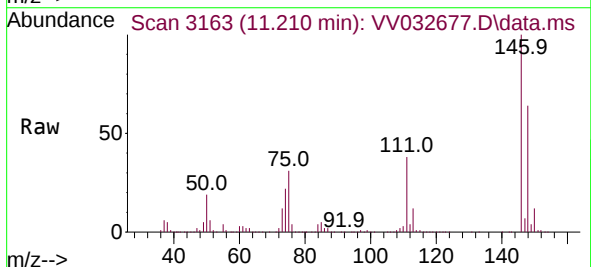
Instrument :
MSVOA_V
ClientSampleId :

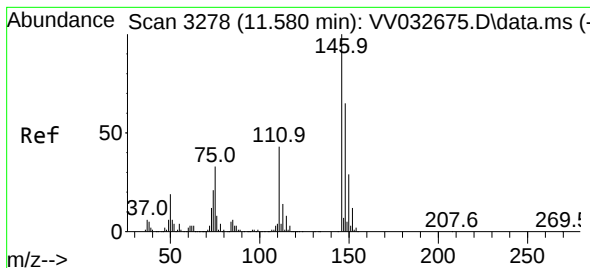
Tgt Ion:146 Resp: 740713
Ion Ratio Lower Upper
146 100
111 40.1 26.8 49.8
148 64.5 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 20.089 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV032677.D
Acq: 27 Oct 2023 12:08

Tgt Ion:146 Resp: 728537
Ion Ratio Lower Upper
146 100
111 37.9 26.2 48.8
148 63.6 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 20.690 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032677.D

Acq: 27 Oct 2023 12:08

Instrument :

MSVOA_V

ClientSampleId :

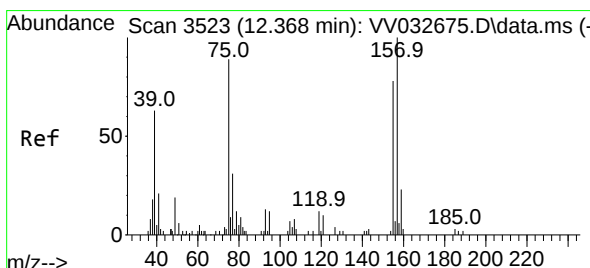
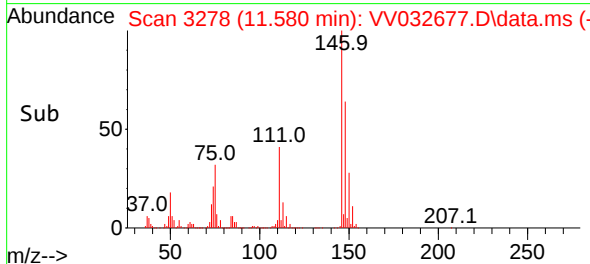
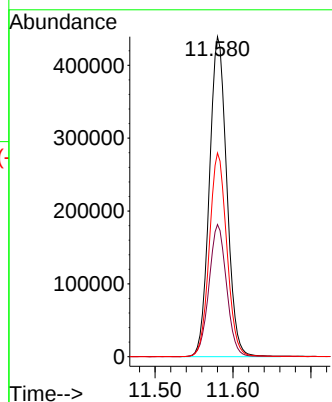
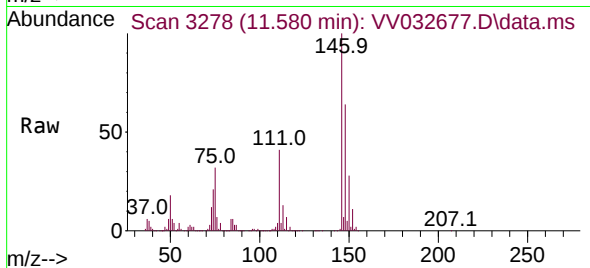
Tgt Ion:146 Resp: 682601

Ion Ratio Lower Upper

146 100

111 41.3 34.2 51.4

148 63.7 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 20.867 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. -0.000 min

Lab File: VV032677.D

Acq: 27 Oct 2023 12:08

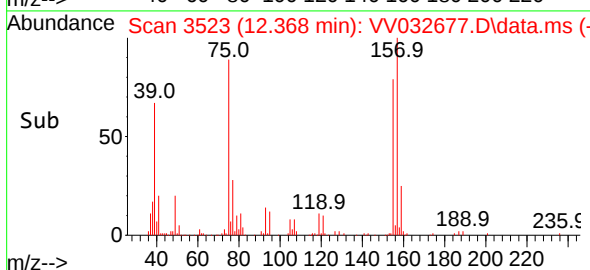
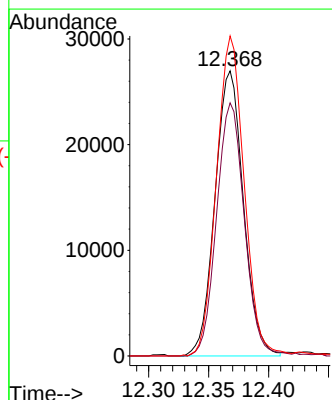
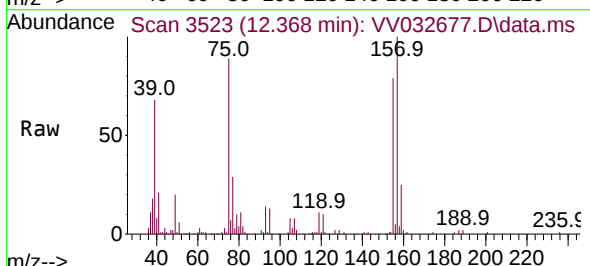
Tgt Ion: 75 Resp: 44528

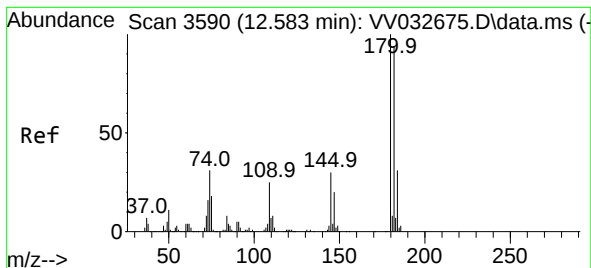
Ion Ratio Lower Upper

75 100

155 88.8 70.1 105.1

157 112.2 90.2 135.2





#69

1,3,5-Trichlorobenzene

Concen: 20.574 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. -0.000 min

Lab File: VV032677.D

Acq: 27 Oct 2023 12:08

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 540200

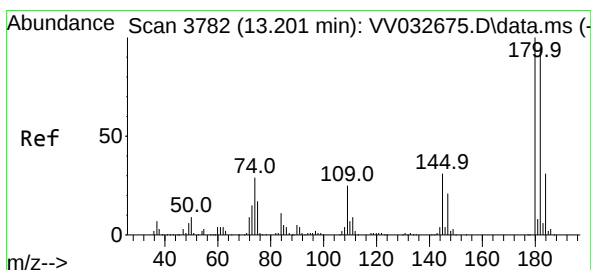
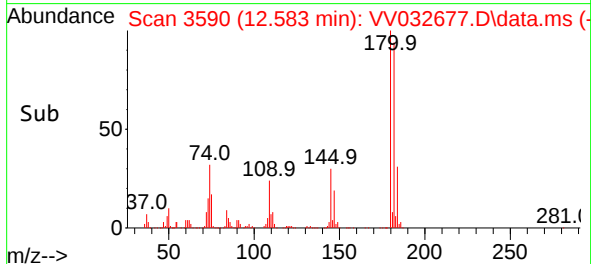
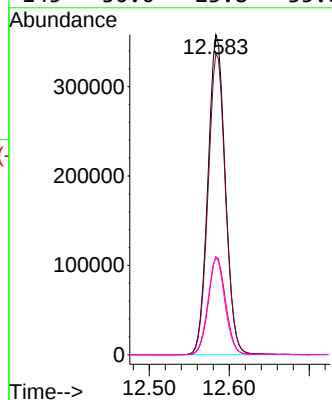
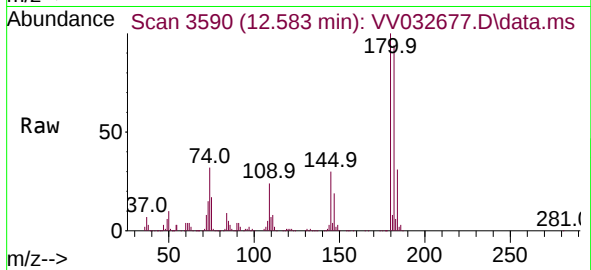
Ion Ratio Lower Upper

180 100

182 94.5 76.6 115.0

184 30.4 24.3 36.5

145 30.0 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 20.642 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. -0.000 min

Lab File: VV032677.D

Acq: 27 Oct 2023 12:08

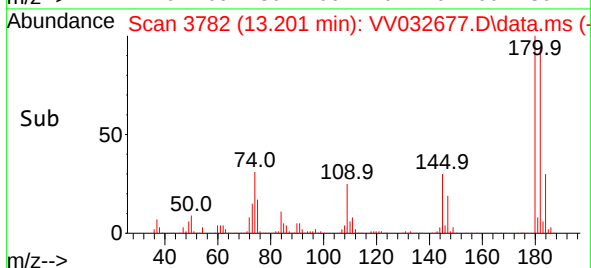
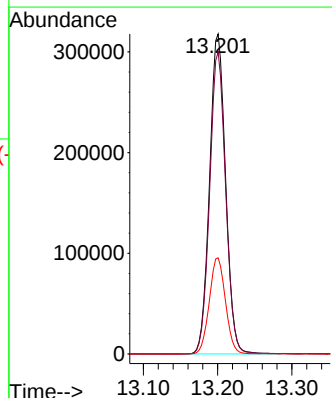
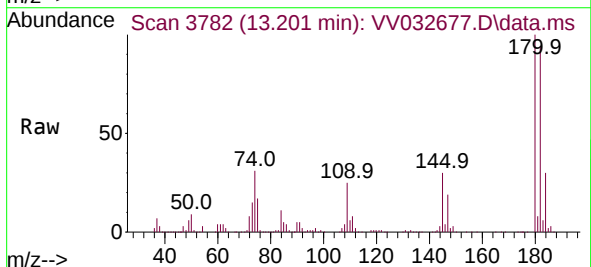
Tgt Ion:180 Resp: 476328

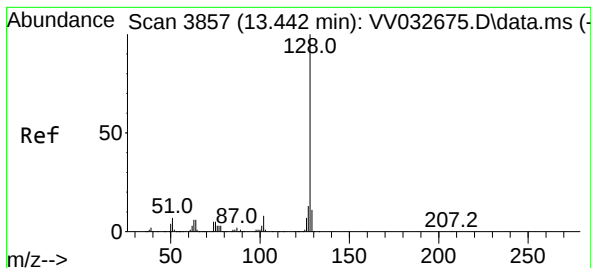
Ion Ratio Lower Upper

180 100

182 94.0 75.7 113.5

145 30.3 25.0 37.4





#71

Naphthalene

Concen: 21.347 ug/L

RT: 13.438 min Scan# 3857

Delta R.T. -0.003 min

Lab File: VV032677.D

Acq: 27 Oct 2023 12:08

Instrument :

MSVOA_V

ClientSampleId :

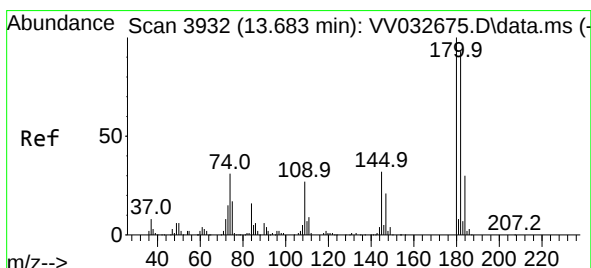
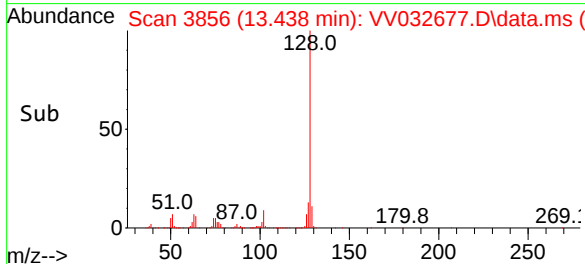
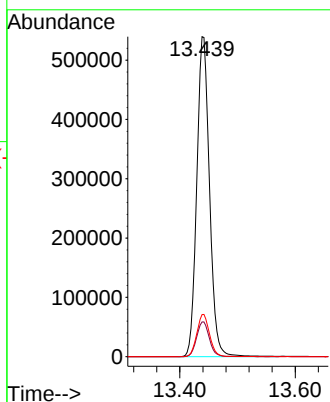
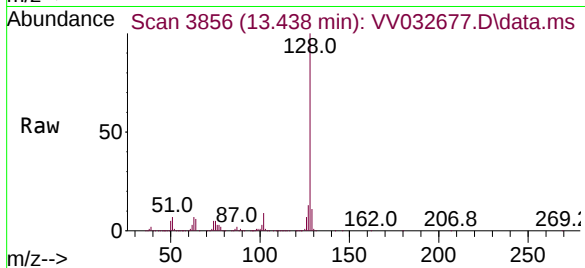
Tgt Ion:128 Resp: 824100

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

127 13.2 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 21.542 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. -0.000 min

Lab File: VV032677.D

Acq: 27 Oct 2023 12:08

Tgt Ion:180 Resp: 430380

Ion Ratio Lower Upper

180 100

182 94.2 75.4 113.2

145 32.1 26.4 39.6

