

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102723\
 Data File : VW032676.D
 Acq On : 27 Oct 2023 11:44
 Operator : SY/MD
 Sample : VSTD010
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 23:38:53 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	158035	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	178828	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	97389	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	128743	9.943	ug/L	0.00
7) Chloroethane-d5	1.532	69	108662	10.263	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	57933	10.583	ug/L	0.00
20) 2-Butanone-d5	3.822	46	281712	88.849	ug/L	0.00
24) Chloroform-d	4.252	84	225842	9.961	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	109162	10.188	ug/L	0.00
32) Benzene-d6	4.960	84	441385	8.790	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	124422	7.515	ug/L	0.00
41) Toluene-d8	7.243	98	462971	9.826	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	56950	9.627	ug/L	0.00
46) 2-Hexanone-d5	8.030	63	251467	92.038	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	112483	9.507	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	157783	9.015	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	152887	8.744	ug/L	100
3) Chloromethane	1.214	50	180118	9.898	ug/L	98
5) Vinyl chloride	1.281	62	182856	10.463	ug/L	99
6) Bromomethane	1.487	94	103709	9.959	ug/L	100
8) Chloroethane	1.548	64	115499	10.833	ug/L	99
9) Trichlorofluoromethane	1.712	101	257531	11.966	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	146380	11.297	ug/L	98
12) 1,1-Dichloroethene	2.066	96	138295	11.323	ug/L	95
13) Acetone	2.156	43	238823	94.465	ug/L	96
14) Carbon disulfide	2.236	76	452250	10.824	ug/L	100
15) Methyl Acetate	2.391	43	54038	9.765	ug/L #	86
16) Methylene chloride	2.445	84	154040	9.754	ug/L	97
17) Methyl tert-butyl Ether	2.709	73	306953	9.734	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	136663	10.070	ug/L	97
19) 1,1-Dichloroethane	3.111	63	240038	9.544	ug/L	97
21) 2-Butanone	3.899	43	363994	93.709	ug/L	91
22) cis-1,2-Dichloroethene	3.815	96	141100	9.815	ug/L	99
23) Bromochloromethane	4.150	128	66978	10.822	ug/L	98
25) Chloroform	4.278	83	262679	10.385	ug/L	99
27) 1,2-Dichloroethane	5.043	62	161339	10.682	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	221608	9.254	ug/L	98
30) Cyclohexane	4.584	56	197370	7.825	ug/L	99
31) Carbon tetrachloride	4.735	117	191826	9.370	ug/L	99
33) Benzene	5.011	78	577645	9.356	ug/L	100
34) Trichloroethene	5.834	95	141374	8.464	ug/L	97
35) Methylcyclohexane	6.050	83	232448	8.958	ug/L	99
37) 1,2-Dichloropropane	6.095	63	139939	8.647	ug/L	97
38) Bromodichloromethane	6.432	83	180154	9.150	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	224152	9.508	ug/L	94
40) 4-Methyl-2-pentanone	7.162	43	966905	93.812	ug/L	100
42) Toluene	7.317	91	683230	10.124	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	188667	9.687	ug/L	97

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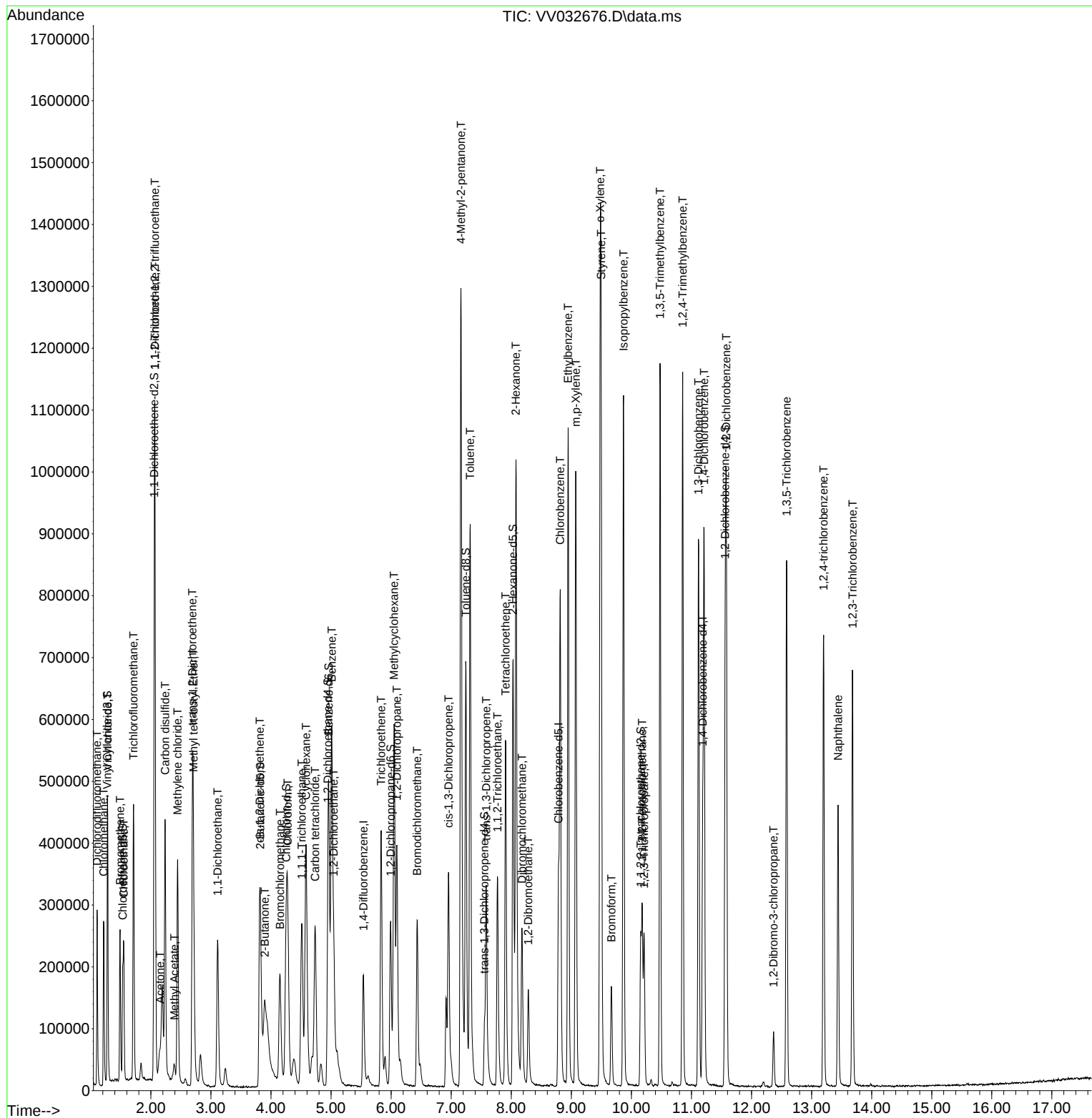
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	114273	9.711	ug/L	98
47) Tetrachloroethene	7.905	164	129063	9.799	ug/L	96
48) 2-Hexanone	8.079	43	700258	96.777	ug/L	99
49) Dibromochloromethane	8.178	129	134214	10.649	ug/L	99
50) 1,2-Dibromoethane	8.284	107	108486	9.748	ug/L	99
51) Chlorobenzene	8.815	112	429536	9.933	ug/L	99
52) Ethylbenzene	8.947	91	738100	9.973	ug/L	99
53) m,p-Xylene	9.075	106	279532	10.163	ug/L	97
54) o-Xylene	9.480	106	274392	10.296	ug/L	97
55) Styrene	9.497	104	476051	10.627	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	136136	10.400	ug/L	99
59) Bromoform	9.667	173	73132	10.154	ug/L	97
60) Isopropylbenzene	9.870	105	686872	9.281	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	94073	9.123	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	577760	9.587	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	585319	9.752	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	350707	9.712	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	338633	9.372	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	324791	9.880	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	20898	9.829	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	246399	9.418	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	209668	9.119	ug/L	99
71) Naphthalene	13.442	128	350284	9.107	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	192608	9.676	ug/L	98

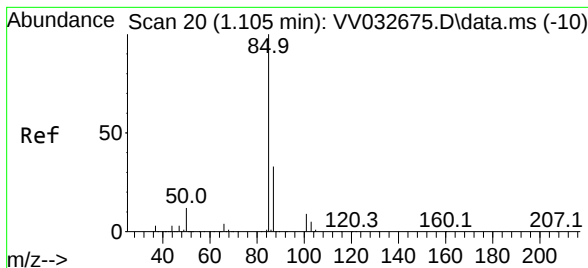
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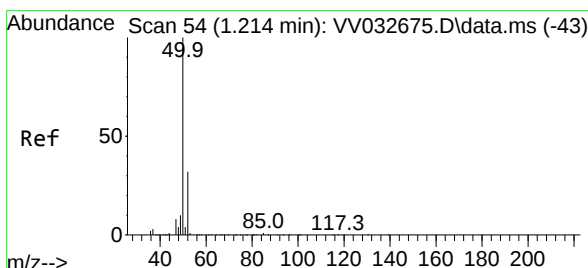
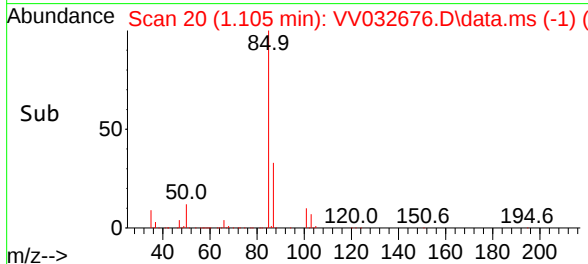
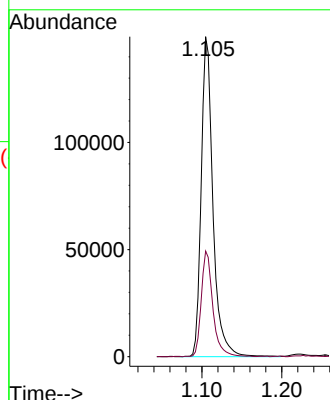
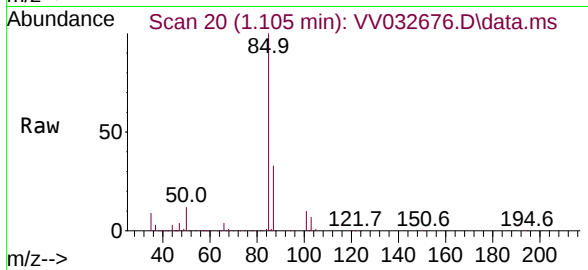




#2
Dichlorodifluoromethane
Concen: 8.744 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV032676.D
Acq: 27 Oct 2023 11:44

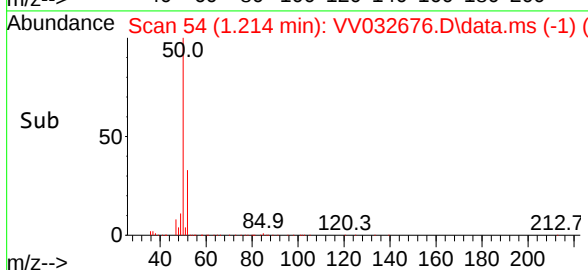
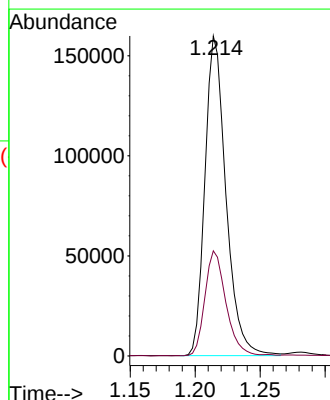
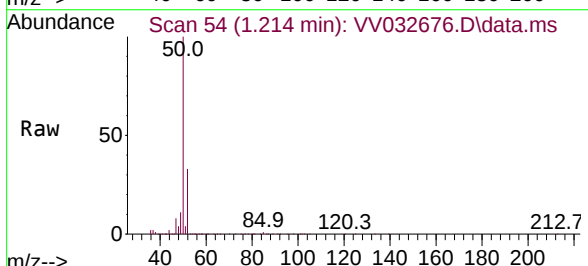
Instrument :
MSVOA_V
ClientSampleId :

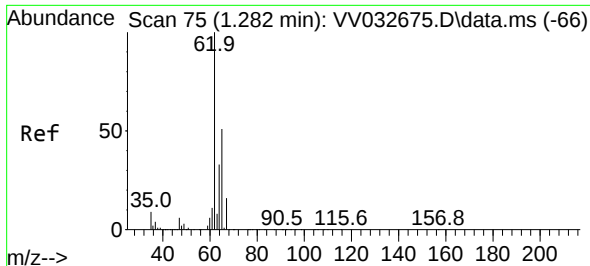
Tgt Ion: 85 Resp: 152887
Ion Ratio Lower Upper
85 100
87 32.6 25.9 38.9



#3
Chloromethane
Concen: 9.898 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV032676.D
Acq: 27 Oct 2023 11:44

Tgt Ion: 50 Resp: 180118
Ion Ratio Lower Upper
50 100
52 32.8 22.3 41.5



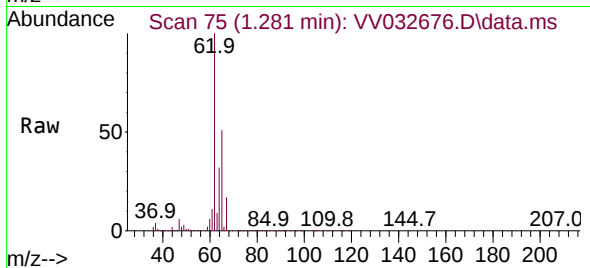


#5
 Vinyl chloride
 Concen: 10.463 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV032676.D
 Acq: 27 Oct 2023 11:44

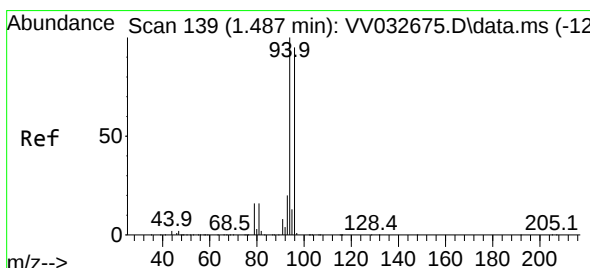
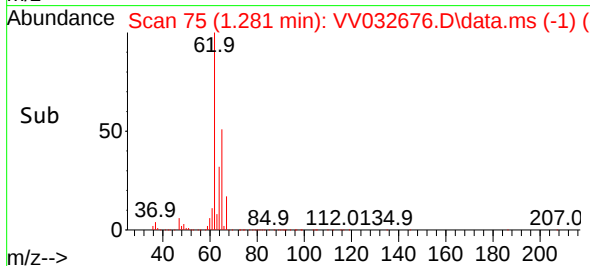
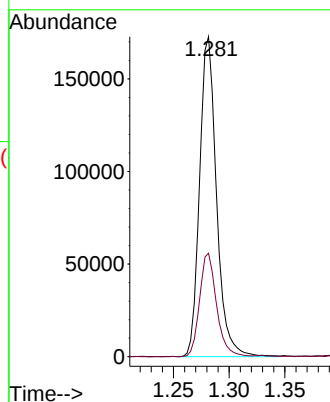
Instrument :

MSVOA_V

ClientSampleId :

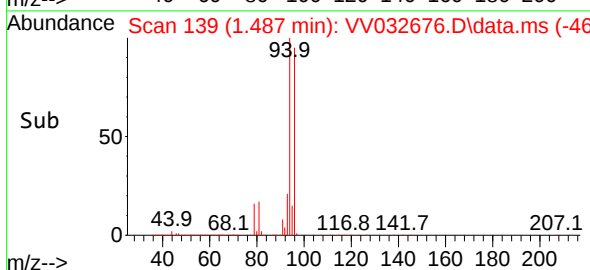
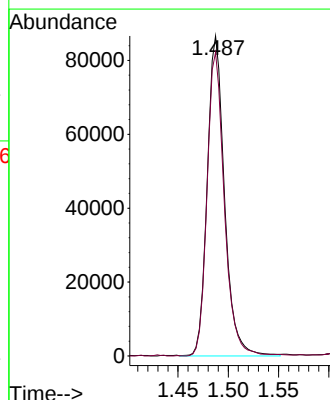
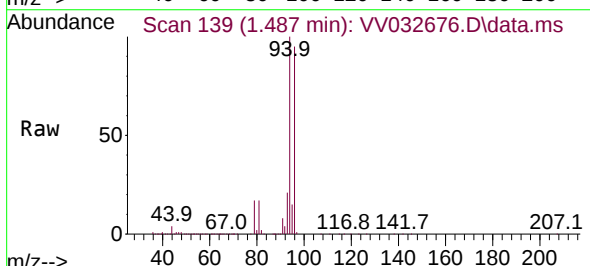


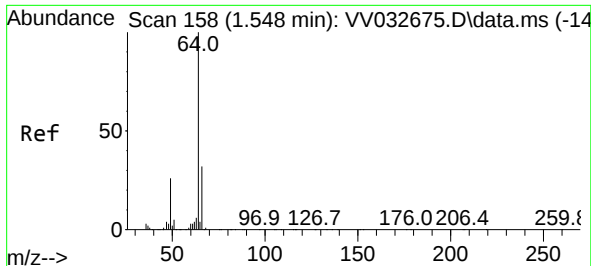
Tgt Ion: 62 Resp: 182856
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.2 43.0



#6
 Bromomethane
 Concen: 9.959 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV032676.D
 Acq: 27 Oct 2023 11:44

Tgt Ion: 94 Resp: 103709
 Ion Ratio Lower Upper
 94 100
 96 94.9 66.4 123.2

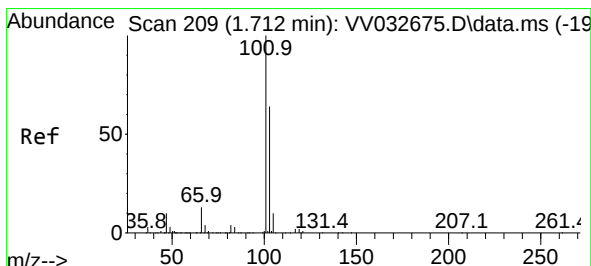
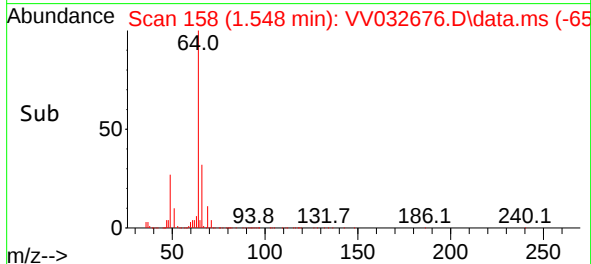
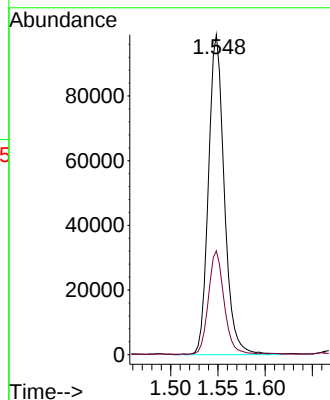
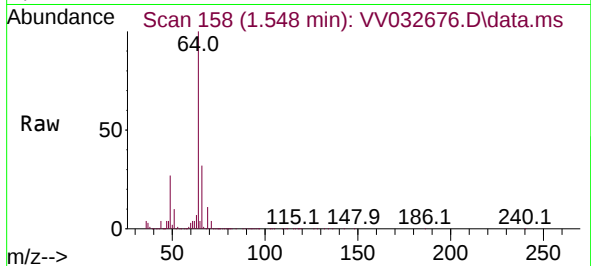




#8
Chloroethane
Concen: 10.833 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV032676.D
Acq: 27 Oct 2023 11:44

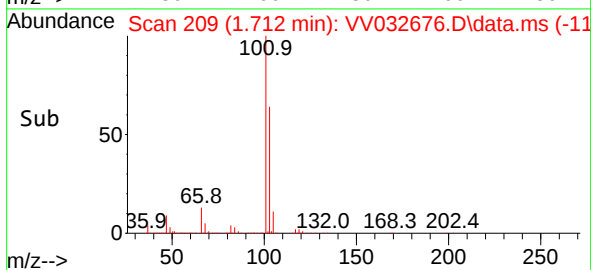
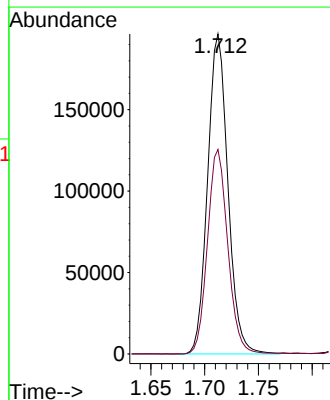
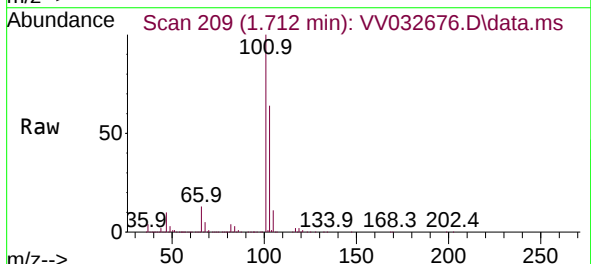
Instrument :
MSVOA_V
ClientSampleId :

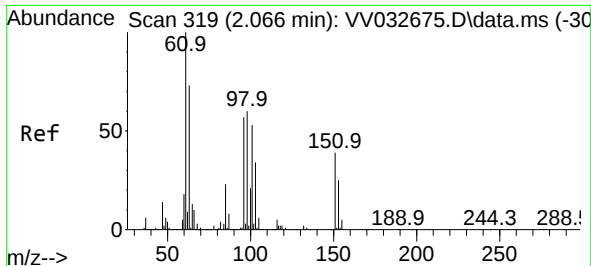
Tgt Ion: 64 Resp: 115499
Ion Ratio Lower Upper
64 100
66 32.5 22.3 41.5



#9
Trichlorofluoromethane
Concen: 11.966 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV032676.D
Acq: 27 Oct 2023 11:44

Tgt Ion: 101 Resp: 257531
Ion Ratio Lower Upper
101 100
103 64.0 52.1 78.1





#10

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

Concen: 11.297 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.000 min

Lab File: VV032676.D

Acq: 27 Oct 2023 11:44

Instrument :

MSVOA_V

ClientSampleId :

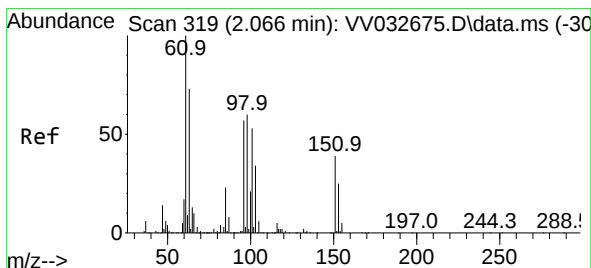
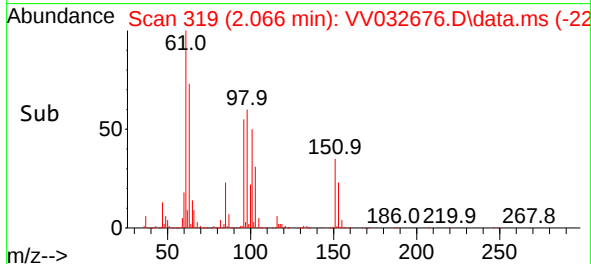
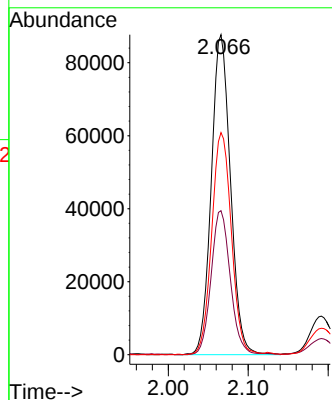
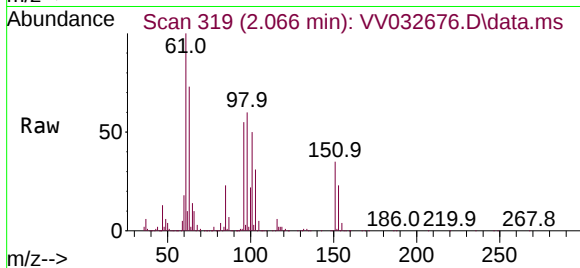
Tgt Ion:101 Resp: 146380

Ion Ratio Lower Upper

101 100

85 45.2 36.2 54.4

151 71.1 59.0 88.6



#12

1,1-Dichloroethene

Concen: 11.323 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.000 min

Lab File: VV032676.D

Acq: 27 Oct 2023 11:44

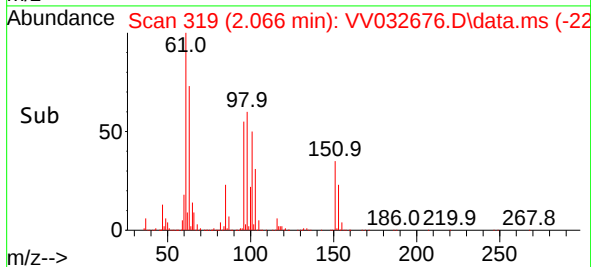
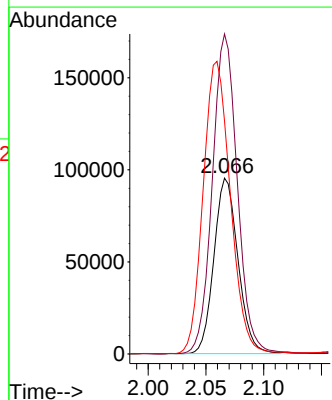
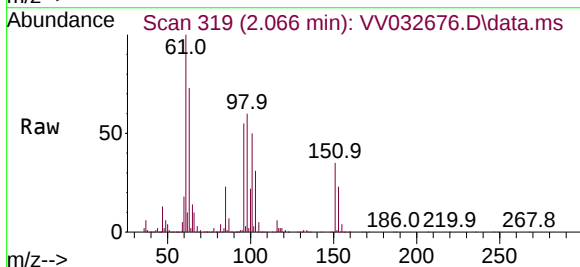
Tgt Ion: 96 Resp: 138295

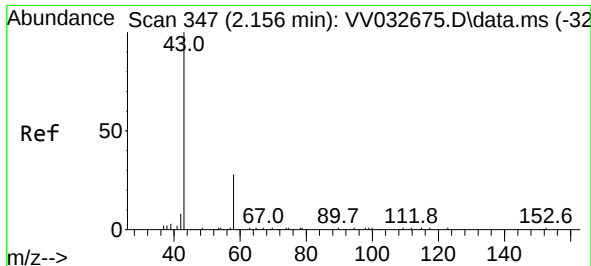
Ion Ratio Lower Upper

96 100

61 182.1 122.3 227.1

63 132.5 89.4 166.0





#13

Acetone

Concen: 94.465 ug/L

RT: 2.156 min Scan# 347

Delta R.T. -0.000 min

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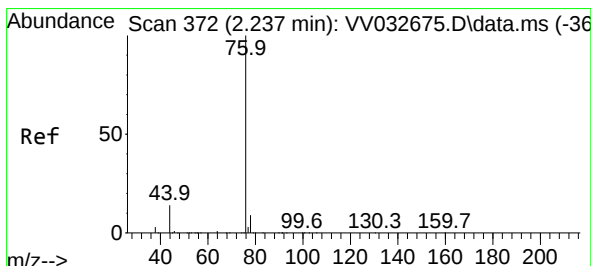
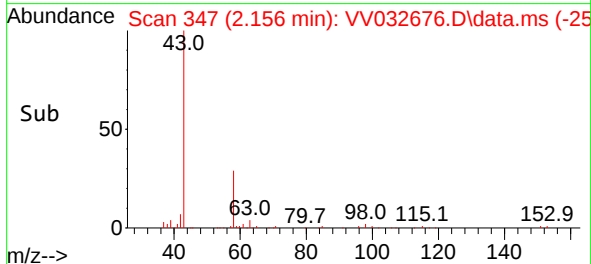
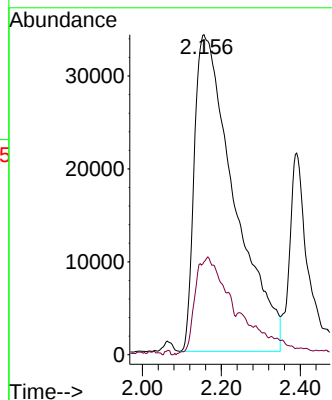
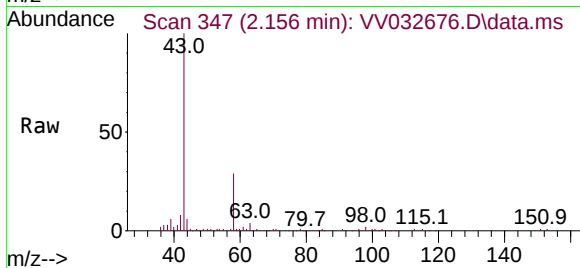
ClientSampleId :

Tgt Ion: 43 Resp: 238823

Ion Ratio Lower Upper

43 100

58 23.4 0.0 50.6



#14

Carbon disulfide

Concen: 10.824 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.000 min

Lab File: VV032676.D

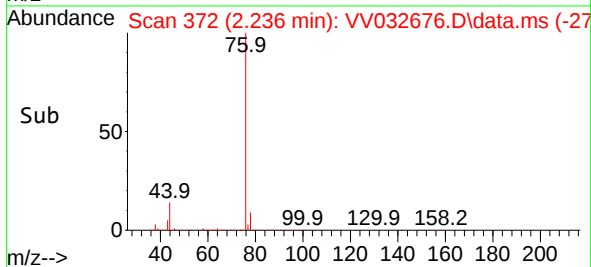
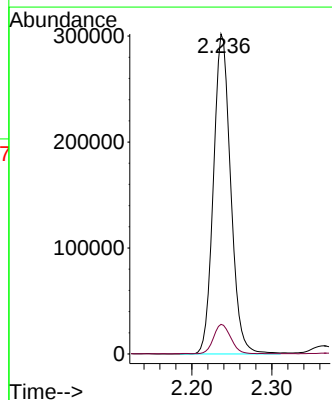
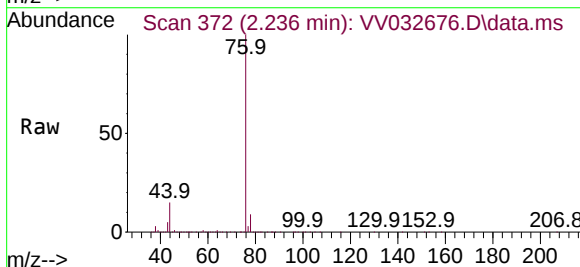
Acq: 27 Oct 2023 11:44

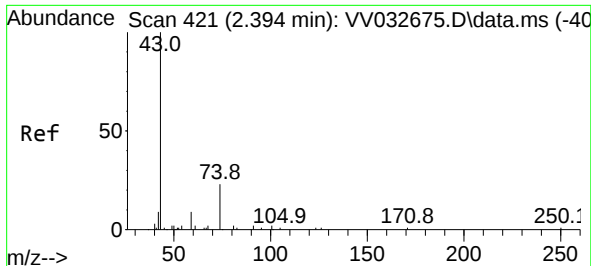
Tgt Ion: 76 Resp: 452250

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

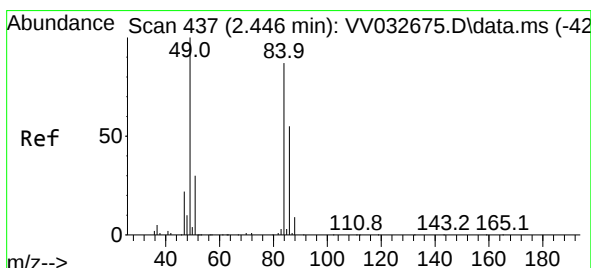
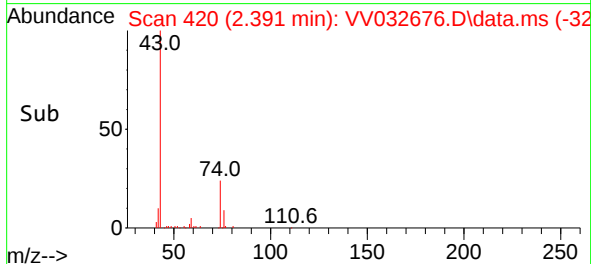
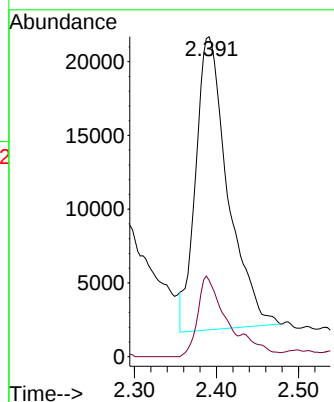
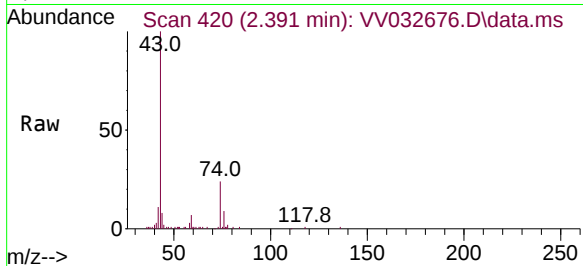




#15
Methyl Acetate
Concen: 9.765 ug/L
RT: 2.391 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV032676.D
Acq: 27 Oct 2023 11:44

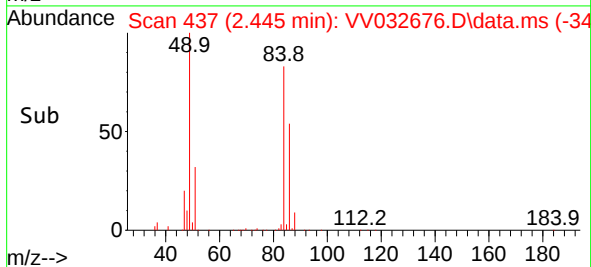
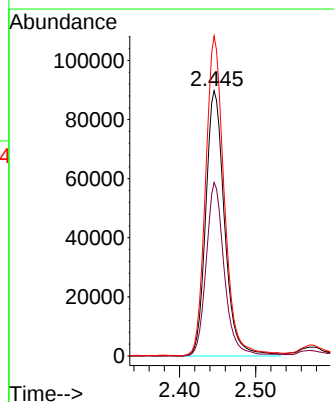
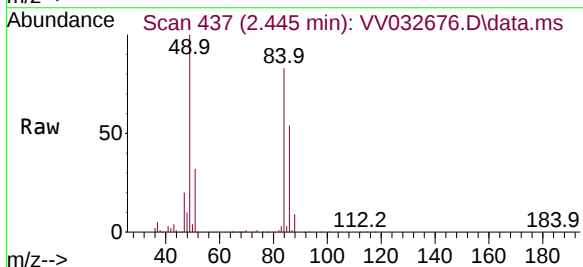
Instrument :
MSVOA_V
ClientSampleId :

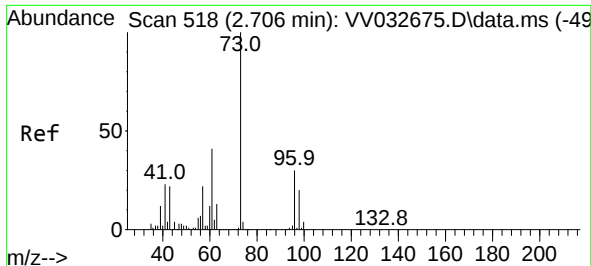
Tgt Ion: 43 Resp: 54038
Ion Ratio Lower Upper
43 100
74 21.4 23.1 34.7#



#16
Methylene chloride
Concen: 9.754 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV032676.D
Acq: 27 Oct 2023 11:44

Tgt Ion: 84 Resp: 154040
Ion Ratio Lower Upper
84 100
86 65.4 44.8 83.2
49 120.6 81.1 150.5





#17

Methyl tert-butyl Ether

Concen: 9.734 ug/L

RT: 2.709 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV032676.D

Acq: 27 Oct 2023 11:44

Instrument :

MSVOA_V

ClientSampleId :

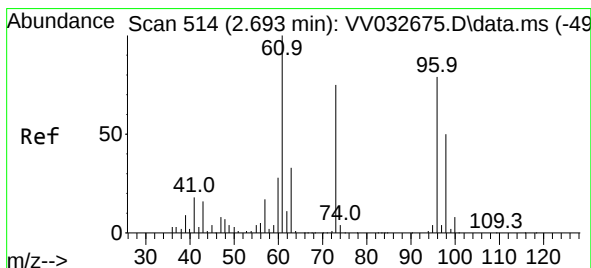
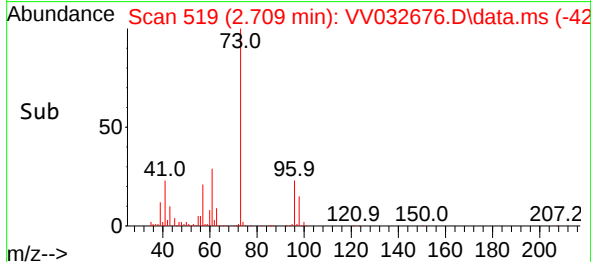
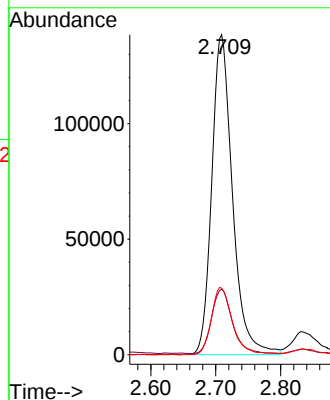
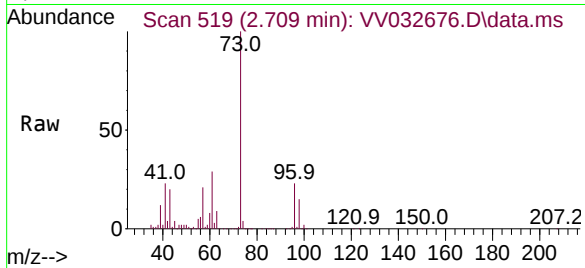
Tgt Ion: 73 Resp: 306953

Ion Ratio Lower Upper

73 100

43 20.0 16.6 24.8

57 21.2 18.1 27.1



#18

trans-1,2-Dichloroethene

Concen: 10.070 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.000 min

Lab File: VV032676.D

Acq: 27 Oct 2023 11:44

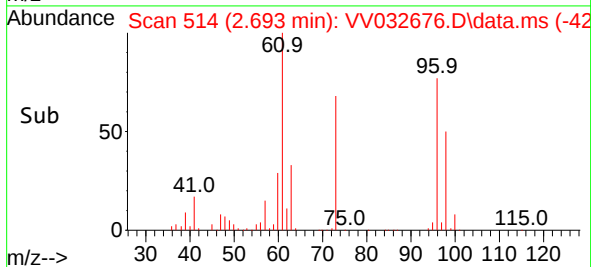
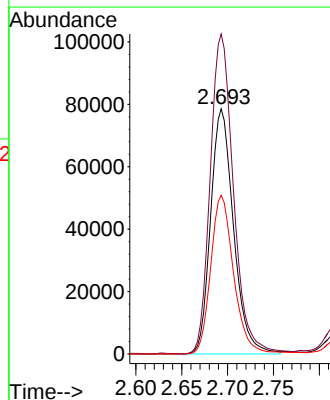
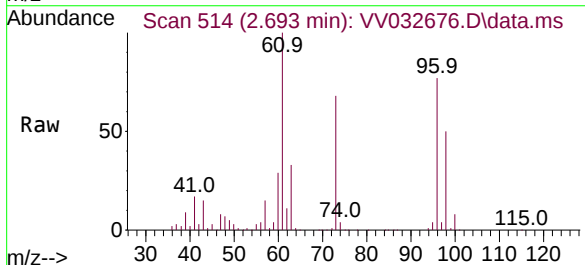
Tgt Ion: 96 Resp: 136663

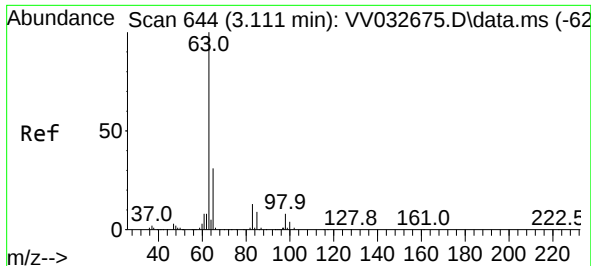
Ion Ratio Lower Upper

96 100

61 130.6 88.7 164.7

98 64.7 44.4 82.4

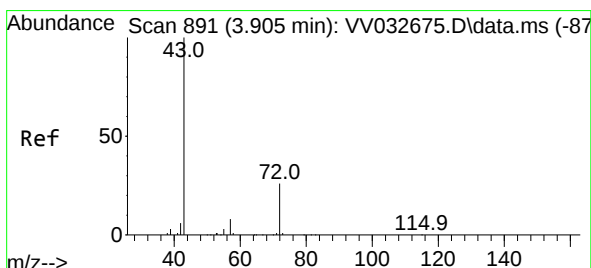
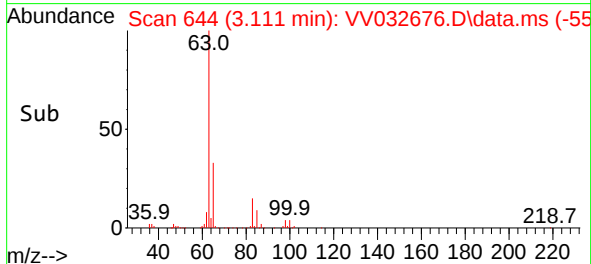
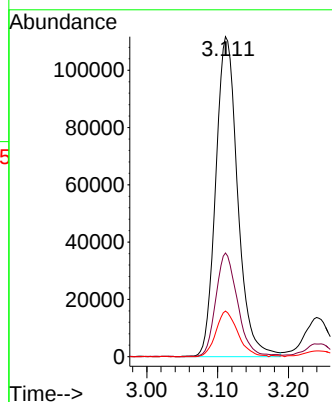
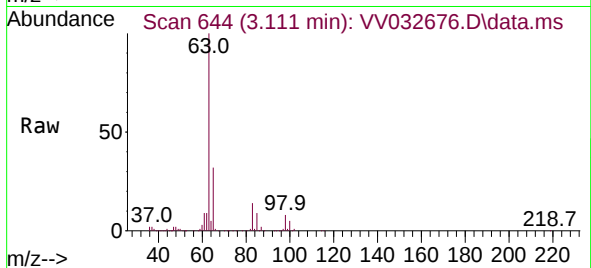




#19
1,1-Dichloroethane
Concen: 9.544 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.000 min
Lab File: VV032676.D
Acq: 27 Oct 2023 11:44

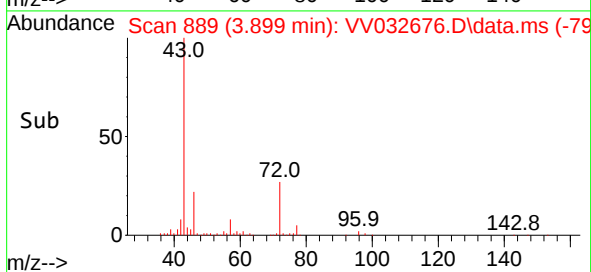
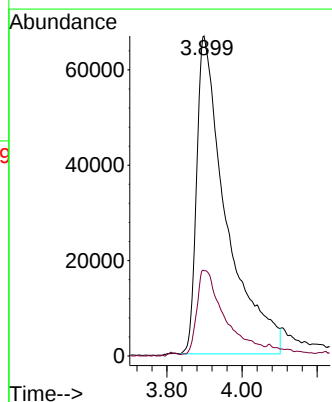
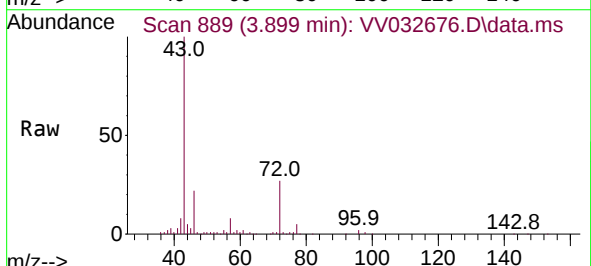
Instrument :
MSVOA_V
ClientSampleId :

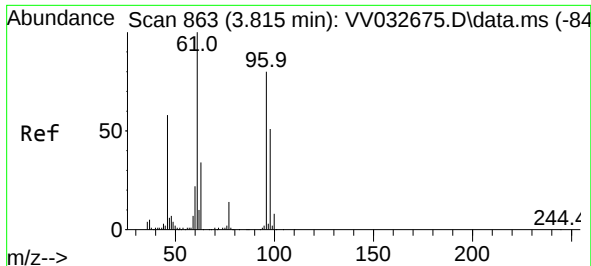
Tgt Ion: 63 Resp: 240038
Ion Ratio Lower Upper
63 100
65 32.4 21.5 39.9
83 14.3 9.2 17.0



#21
2-Butanone
Concen: 93.709 ug/L
RT: 3.899 min Scan# 889
Delta R.T. -0.007 min
Lab File: VV032676.D
Acq: 27 Oct 2023 11:44

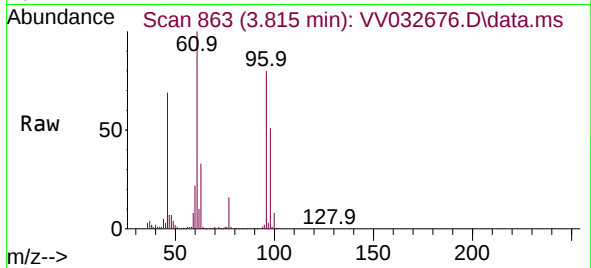
Tgt Ion: 43 Resp: 363994
Ion Ratio Lower Upper
43 100
72 25.1 10.4 31.2



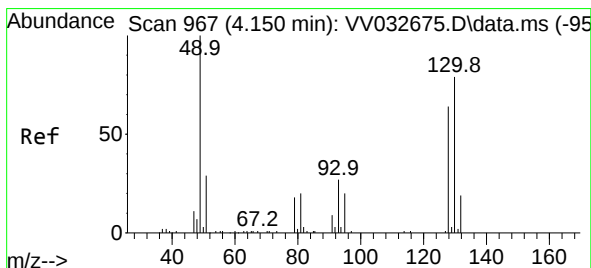
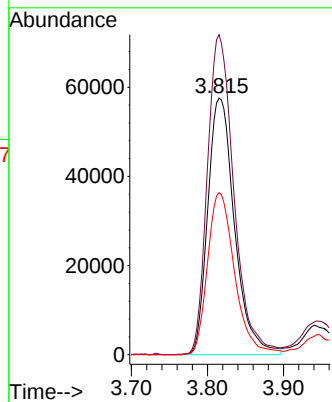
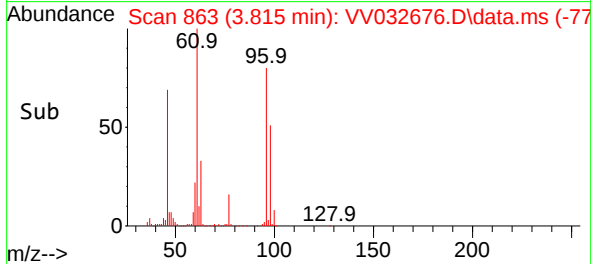


#22
 cis-1,2-Dichloroethene
 Concen: 9.815 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. -0.000 min
 Lab File: VV032676.D
 Acq: 27 Oct 2023 11:44

Instrument :
 MSVOA_V
 ClientSampleId :

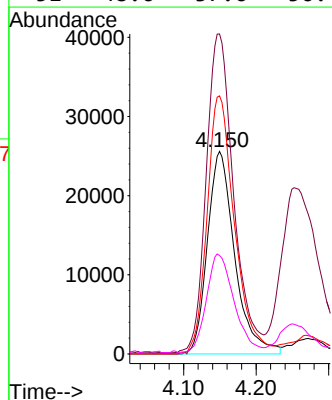
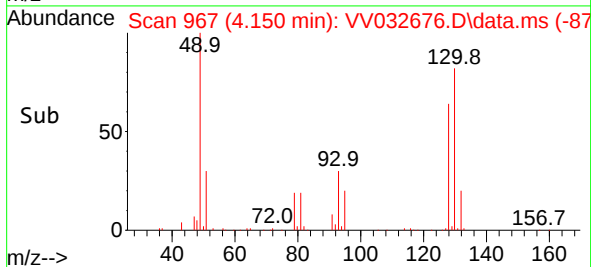
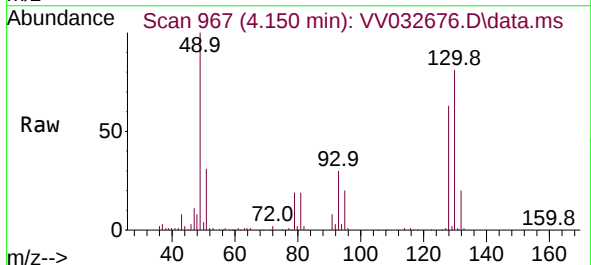


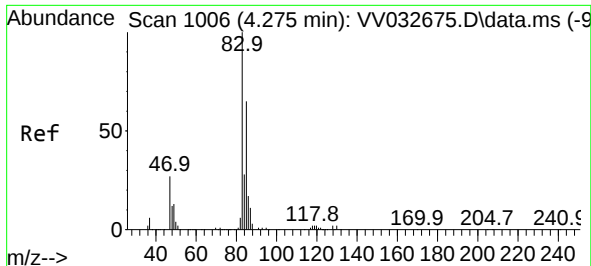
Tgt Ion: 96 Resp: 141100
 Ion Ratio Lower Upper
 96 100
 61 124.7 87.7 162.9
 98 63.1 45.0 83.6



#23
 Bromochloromethane
 Concen: 10.822 ug/L
 RT: 4.150 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VV032676.D
 Acq: 27 Oct 2023 11:44

Tgt Ion: 128 Resp: 66978
 Ion Ratio Lower Upper
 128 100
 49 158.0 110.4 205.0
 130 127.4 86.8 161.2
 51 48.6 37.6 56.4

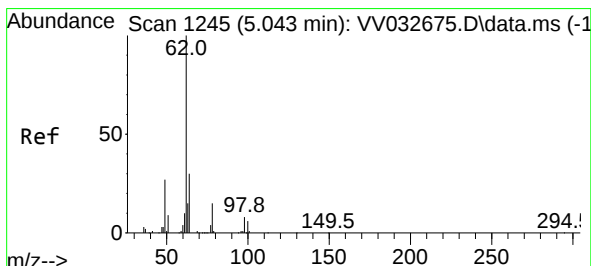
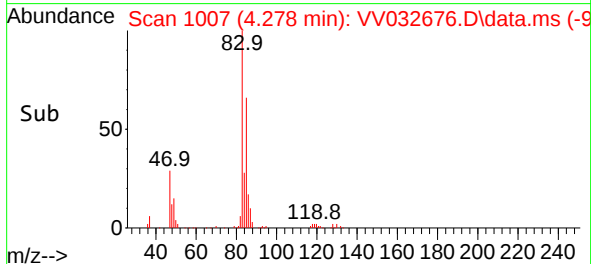
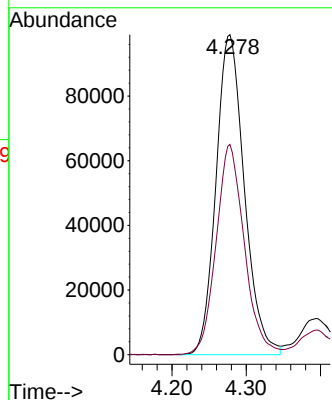
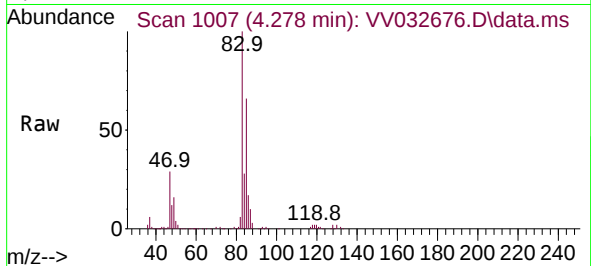




#25
Chloroform
Concen: 10.385 ug/L
RT: 4.278 min Scan# 1006
Delta R.T. 0.003 min
Lab File: VV032676.D
Acq: 27 Oct 2023 11:44

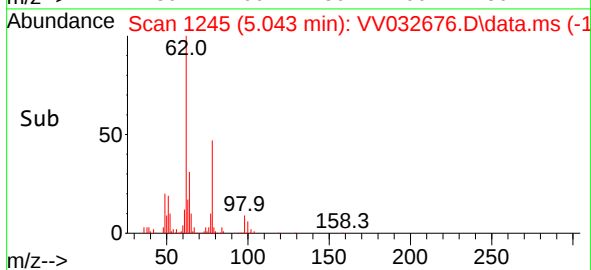
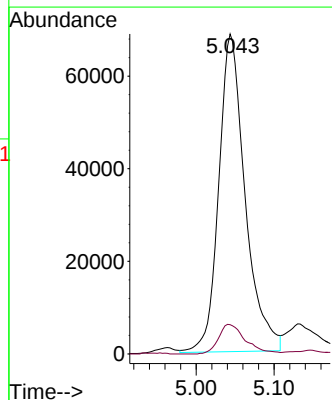
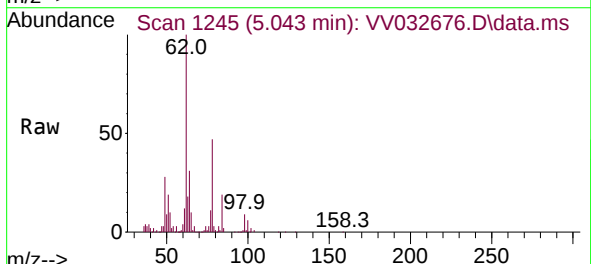
Instrument :
MSVOA_V
ClientSampleId :

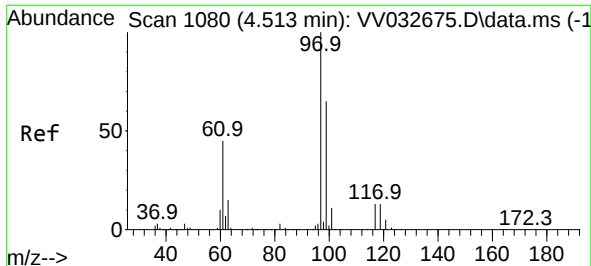
Tgt Ion: 83 Resp: 262679
Ion Ratio Lower Upper
83 100
85 65.7 45.7 84.9



#27
1,2-Dichloroethane
Concen: 10.682 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.000 min
Lab File: VV032676.D
Acq: 27 Oct 2023 11:44

Tgt Ion: 62 Resp: 161339
Ion Ratio Lower Upper
62 100
98 9.1 7.0 10.4





#29

1,1,1-Trichloroethane

Concen: 9.254 ug/L

RT: 4.513 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VV032676.D

Acq: 27 Oct 2023 11:44

Instrument :

MSVOA_V

ClientSampleId :

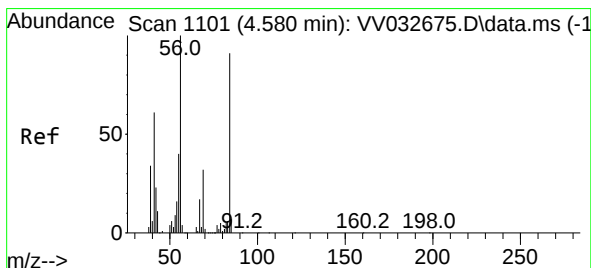
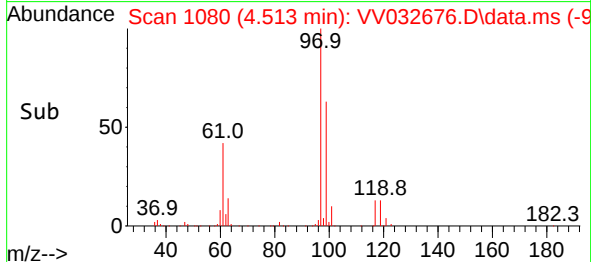
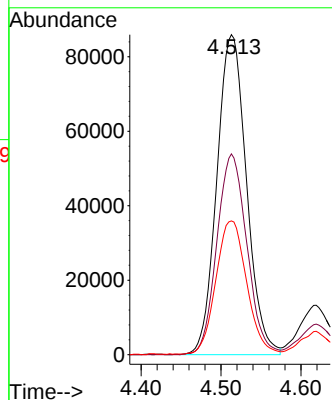
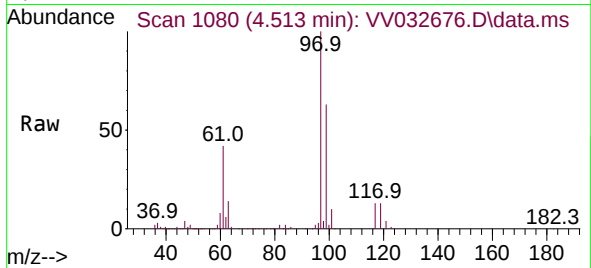
Tgt Ion: 97 Resp: 221608

Ion Ratio Lower Upper

97 100

99 63.4 51.4 77.0

61 43.1 36.1 54.1



#30

Cyclohexane

Concen: 7.825 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV032676.D

Acq: 27 Oct 2023 11:44

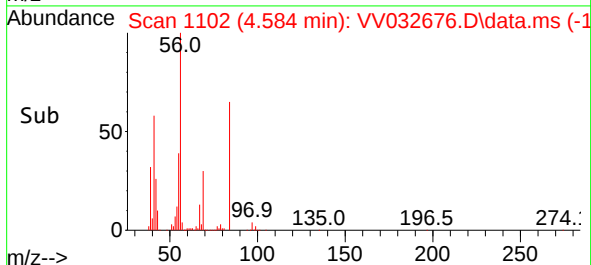
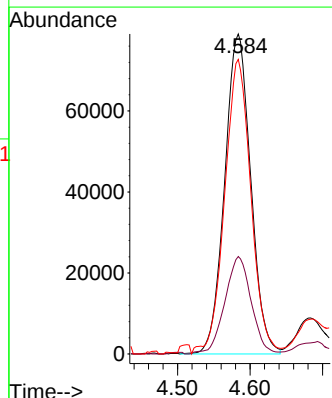
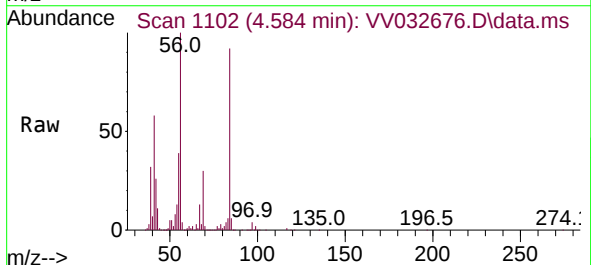
Tgt Ion: 56 Resp: 197370

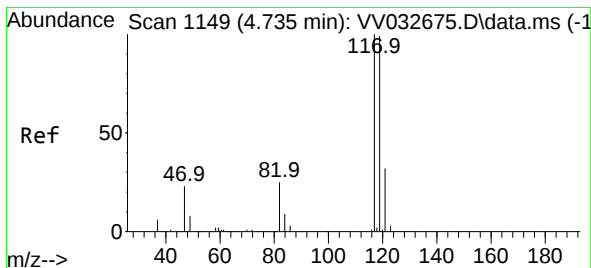
Ion Ratio Lower Upper

56 100

69 30.7 25.0 37.6

84 92.6 72.9 109.3





#31

Carbon tetrachloride

Concen: 9.370 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VV032676.D

Acq: 27 Oct 2023 11:44

Instrument :

MSVOA_V

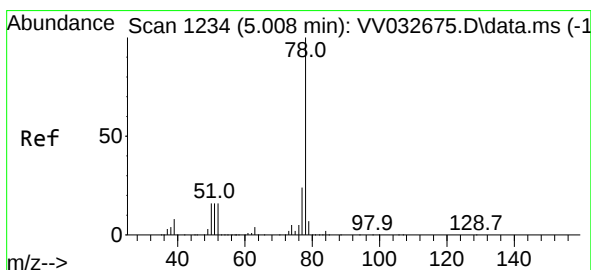
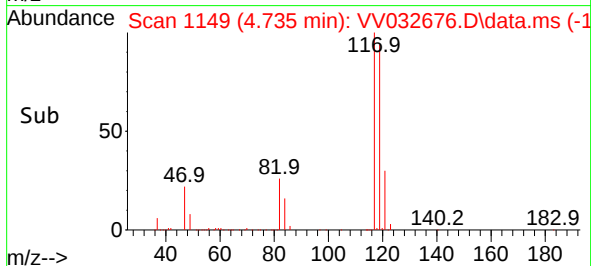
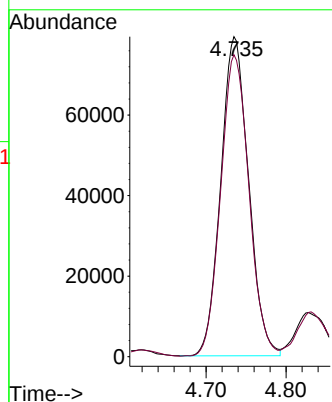
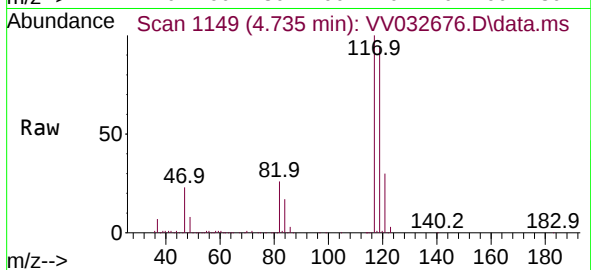
ClientSampleId :

Tgt Ion:117 Resp: 191826

Ion Ratio Lower Upper

117 100

119 95.9 77.8 116.6



#33

Benzene

Concen: 9.356 ug/L

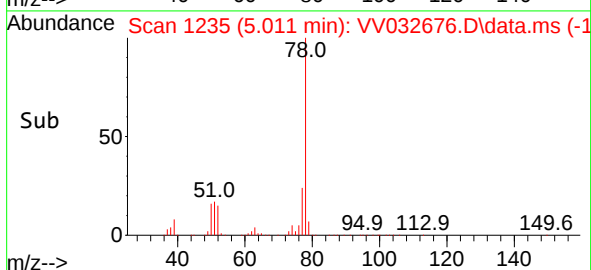
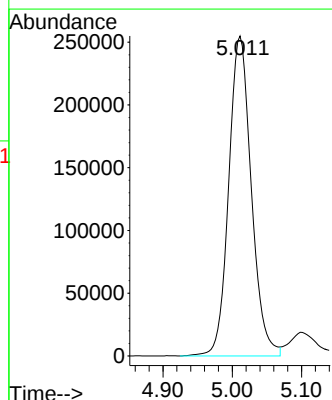
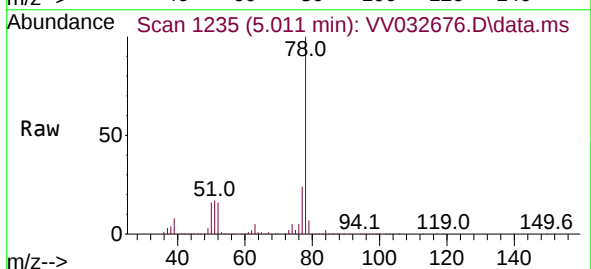
RT: 5.011 min Scan# 1235

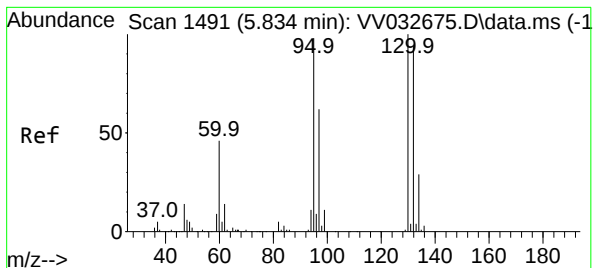
Delta R.T. 0.003 min

Lab File: VV032676.D

Acq: 27 Oct 2023 11:44

Tgt Ion: 78 Resp: 577645





#34

Trichloroethene

Concen: 8.464 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. -0.000 min

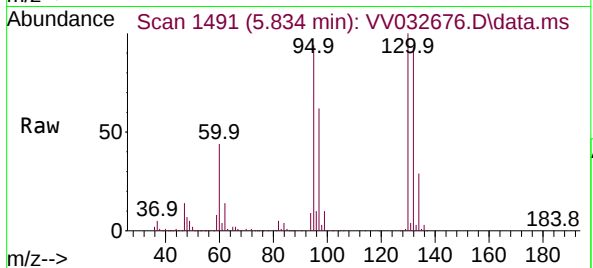
Lab File: VV032676.D

Acq: 27 Oct 2023 11:44

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 141374

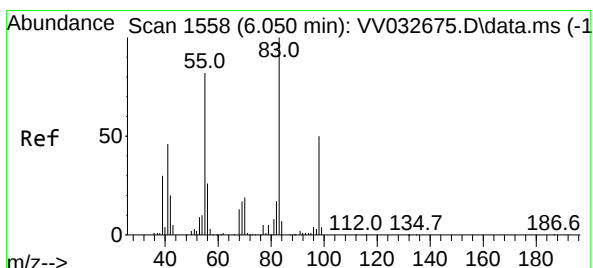
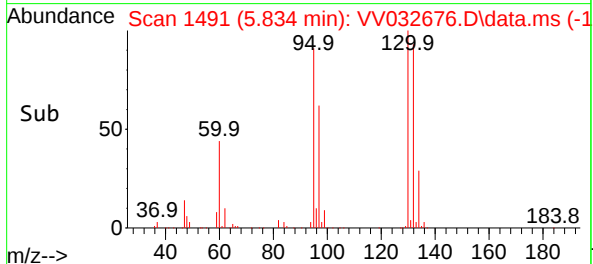
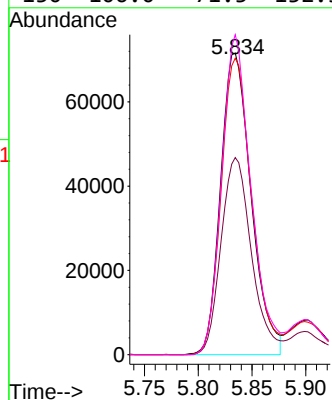
Ion Ratio Lower Upper

95 100

97 65.3 44.0 81.8

132 98.2 66.9 124.3

130 106.0 71.3 132.3



#35

Methylcyclohexane

Concen: 8.958 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV032676.D

Acq: 27 Oct 2023 11:44

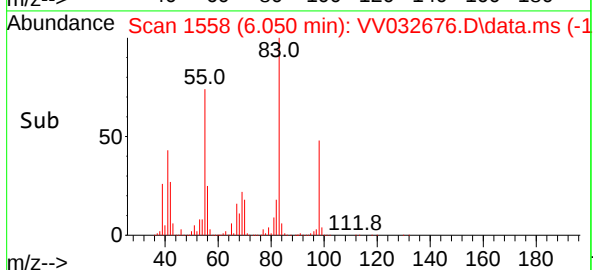
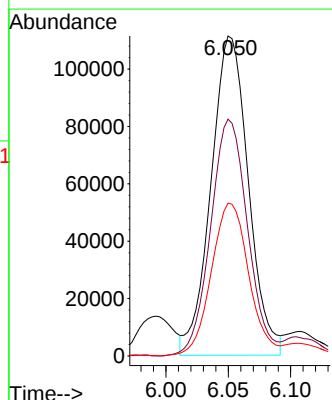
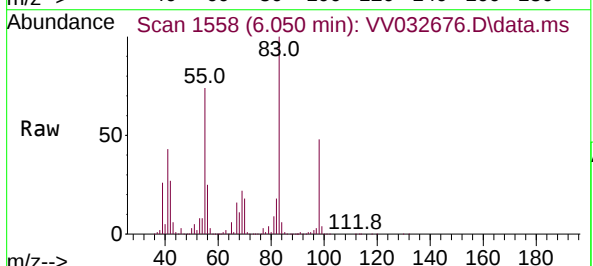
Tgt Ion: 83 Resp: 232448

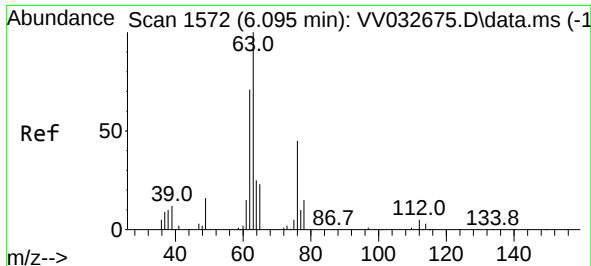
Ion Ratio Lower Upper

83 100

55 73.7 59.6 89.4

98 48.1 39.1 58.7





#37

1,2-Dichloropropane

Concen: 8.647 ug/L

RT: 6.095 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV032676.D

Acq: 27 Oct 2023 11:44

Instrument :

MSVOA_V

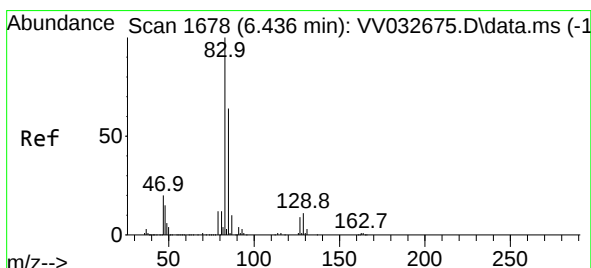
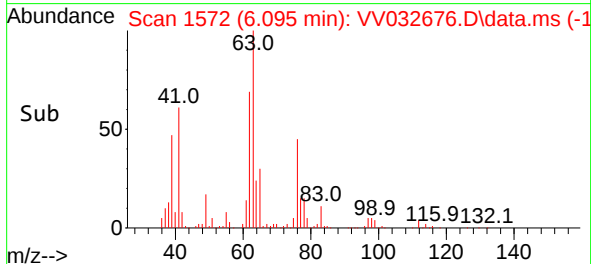
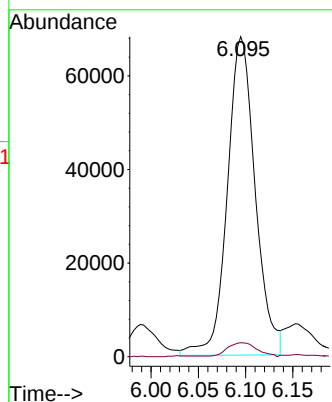
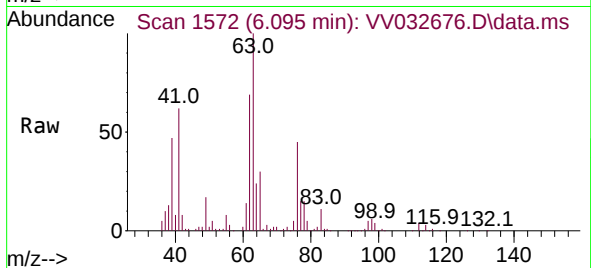
ClientSampleId :

Tgt Ion: 63 Resp: 139939

Ion Ratio Lower Upper

63 100

112 4.7 4.6 7.0



#38

Bromodichloromethane

Concen: 9.150 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. -0.003 min

Lab File: VV032676.D

Acq: 27 Oct 2023 11:44

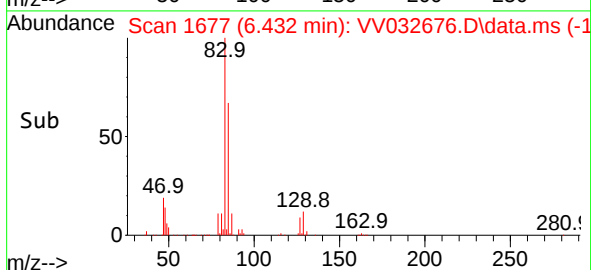
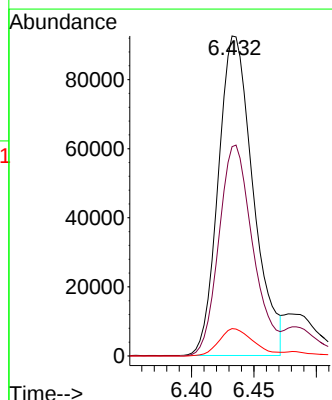
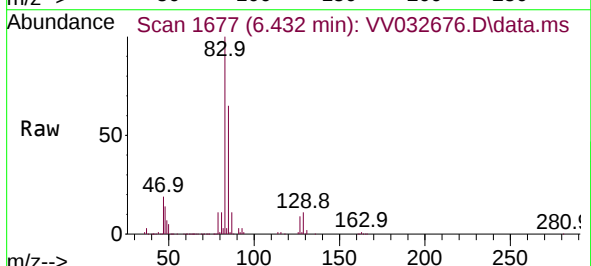
Tgt Ion: 83 Resp: 180154

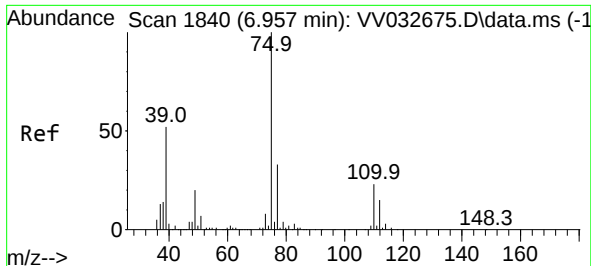
Ion Ratio Lower Upper

83 100

85 65.4 44.9 83.5

127 8.6 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 9.508 ug/L

RT: 6.956 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV032676.D

Acq: 27 Oct 2023 11:44

Instrument :

MSVOA_V

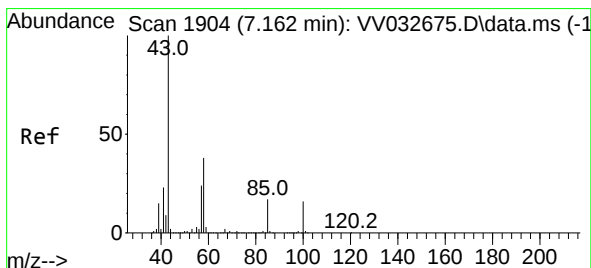
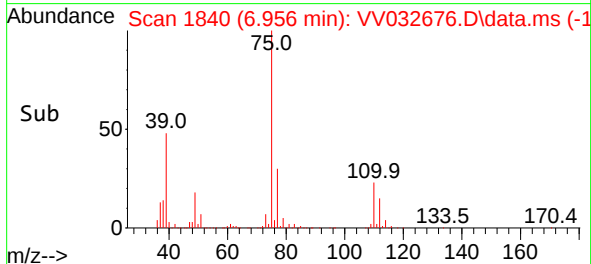
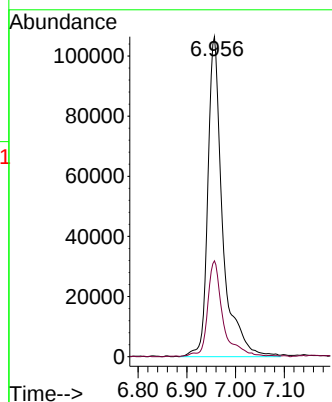
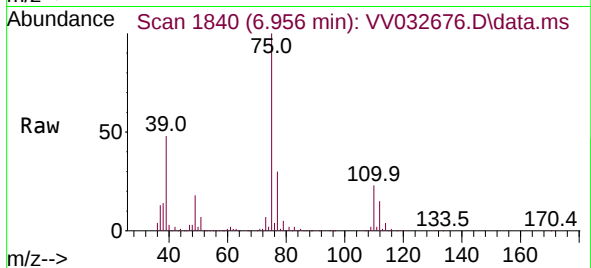
ClientSampleId :

Tgt Ion: 75 Resp: 224152

Ion Ratio Lower Upper

75 100

77 29.9 23.2 43.2



#40

4-Methyl-2-pentanone

Concen: 93.812 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VV032676.D

Acq: 27 Oct 2023 11:44

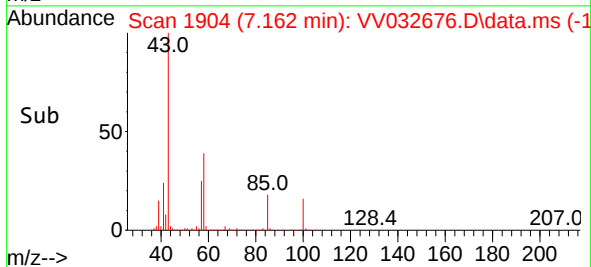
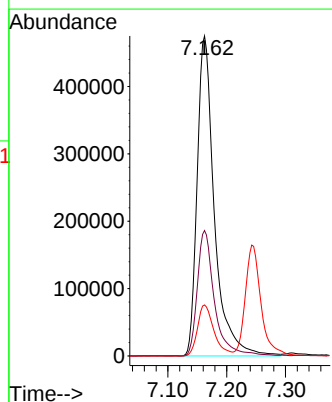
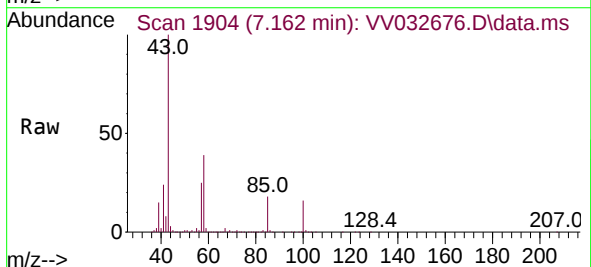
Tgt Ion: 43 Resp: 966905

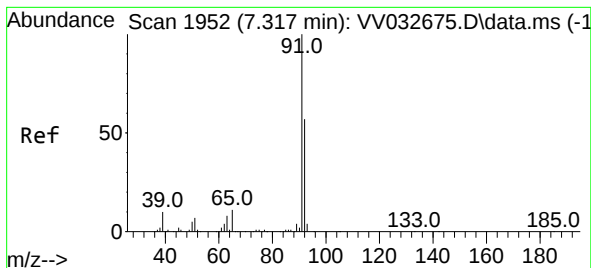
Ion Ratio Lower Upper

43 100

58 39.0 31.3 46.9

100 15.3 12.2 18.4





#42

Toluene

Concen: 10.124 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VV032676.D

Acq: 27 Oct 2023 11:44

Instrument :

MSVOA_V

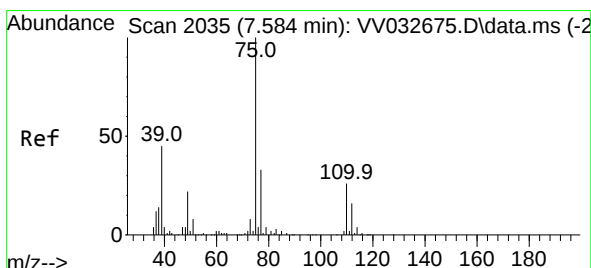
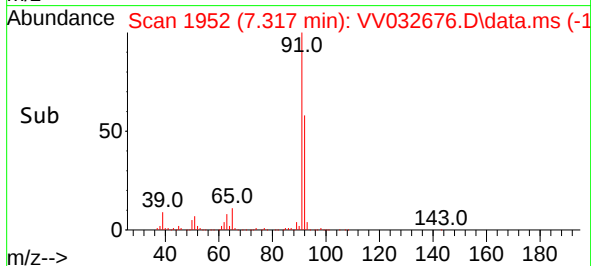
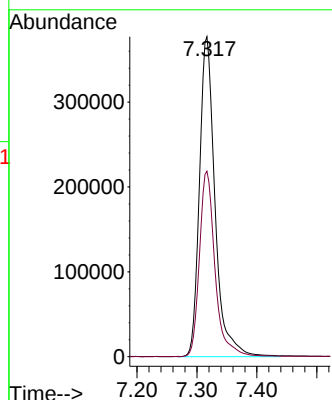
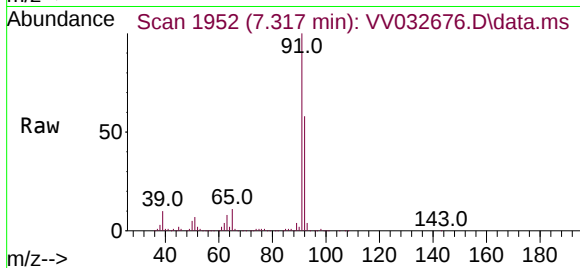
ClientSampleId :

Tgt Ion: 91 Resp: 683230

Ion Ratio Lower Upper

91 100

92 58.0 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 9.687 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV032676.D

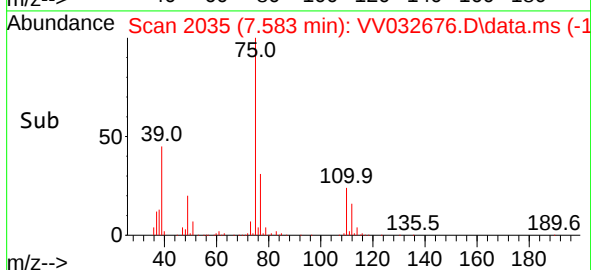
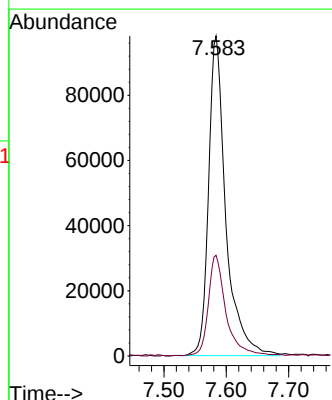
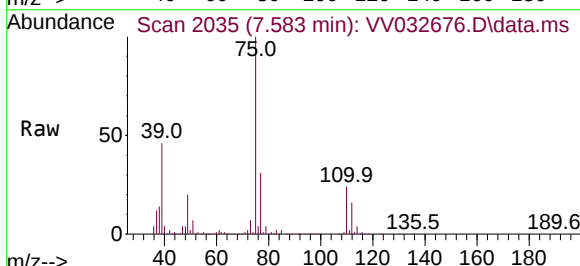
Acq: 27 Oct 2023 11:44

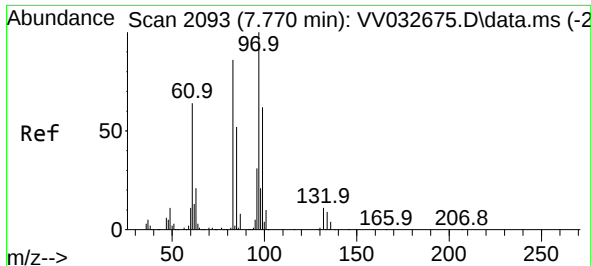
Tgt Ion: 75 Resp: 188667

Ion Ratio Lower Upper

75 100

77 31.5 23.4 43.4

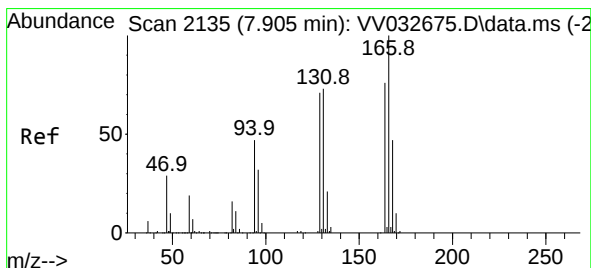
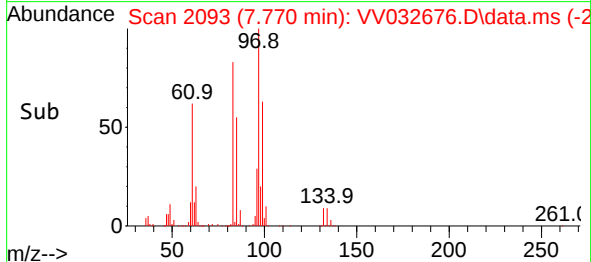
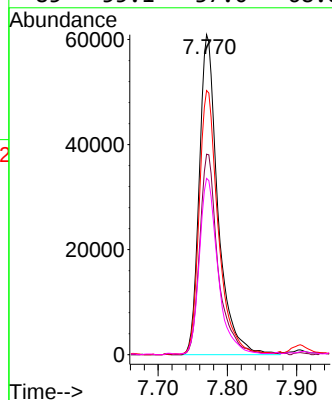
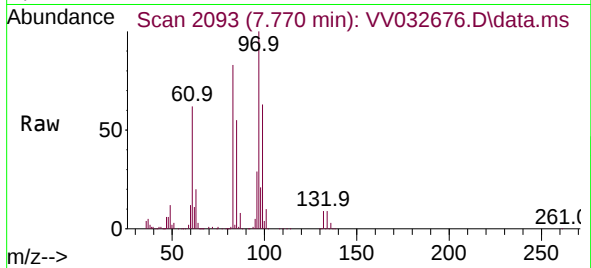




#45
1,1,2-Trichloroethane
Concen: 9.711 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV032676.D
Acq: 27 Oct 2023 11:44

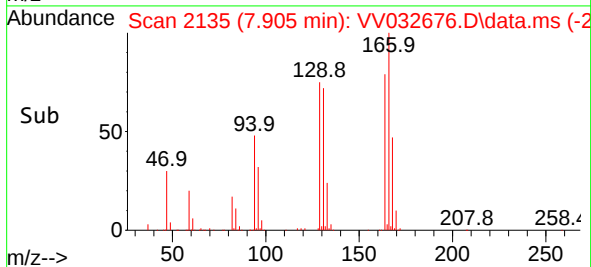
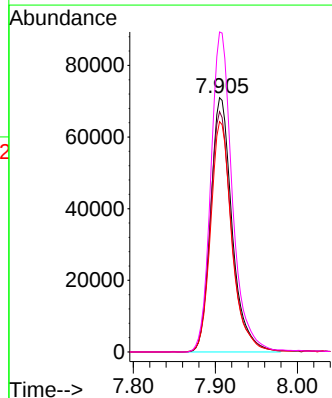
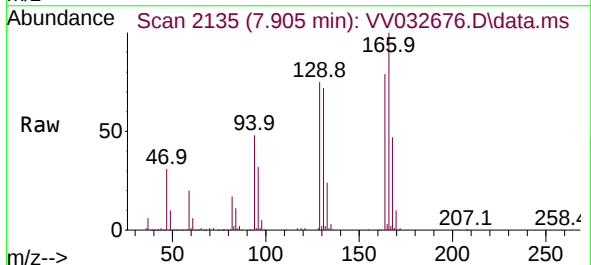
Instrument :
MSVOA_V
ClientSampleId :

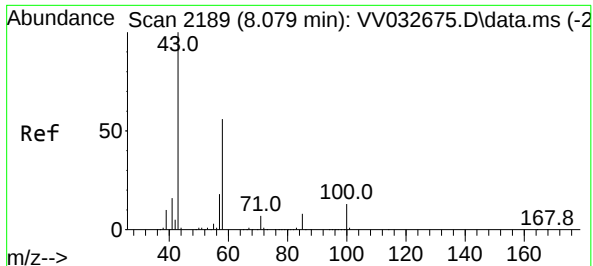
Tgt Ion: 97	Resp: 114273
Ion Ratio	Lower Upper
97 100	
99 62.6	44.0 81.8
83 82.6	59.9 111.3
85 55.1	37.0 68.8



#47
Tetrachloroethene
Concen: 9.799 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV032676.D
Acq: 27 Oct 2023 11:44

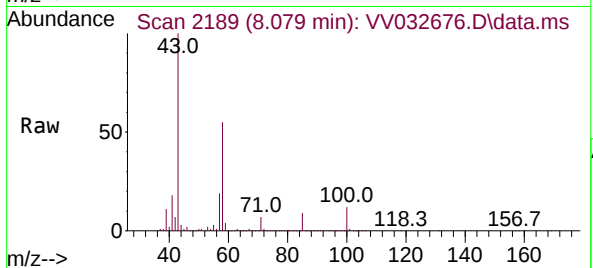
Tgt	Ion:164	Resp:	129063
Ion	Ratio	Lower	Upper
164	100		
129	94.5	65.3	121.3
131	90.6	66.6	123.8
166	125.9	91.6	170.2



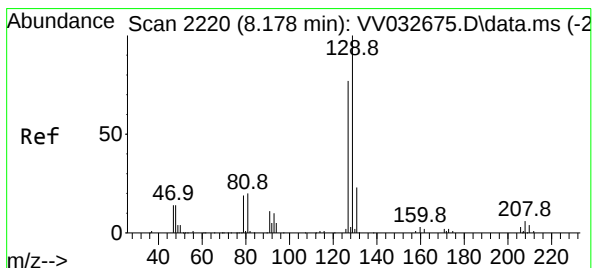
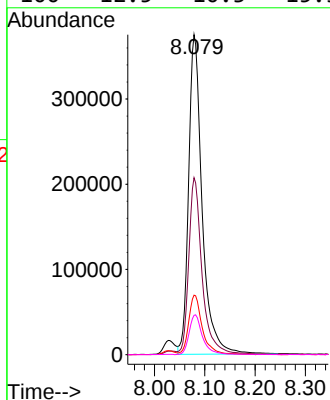
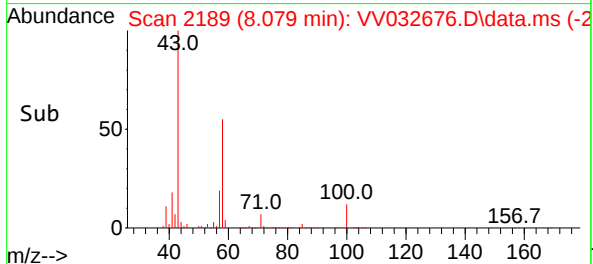


#48
2-Hexanone
Concen: 96.777 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV032676.D
Acq: 27 Oct 2023 11:44

Instrument :
MSVOA_V
ClientSampleId :

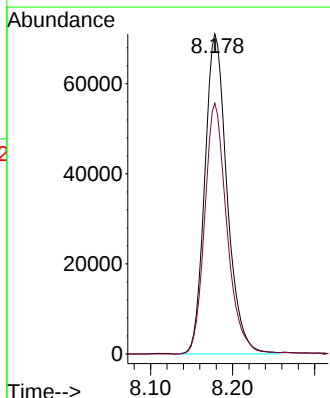
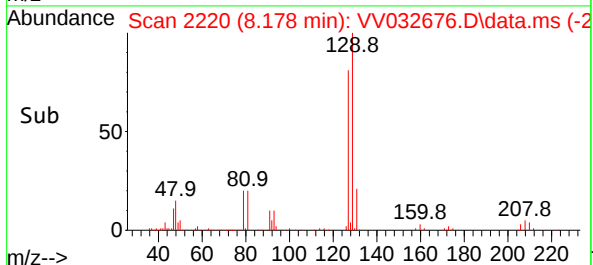
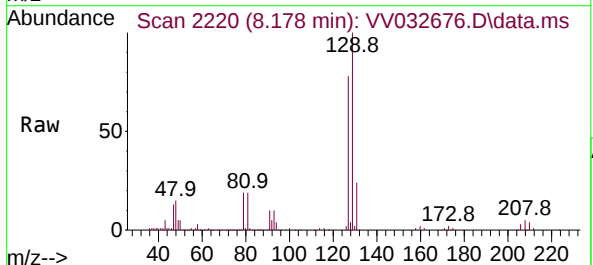


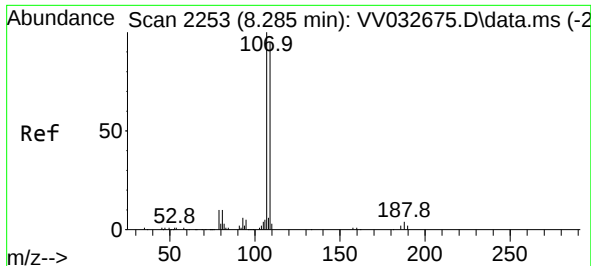
Tgt Ion: 43 Resp: 700258
Ion Ratio Lower Upper
43 100
58 54.3 43.8 65.6
57 18.6 15.1 22.7
100 12.5 10.3 15.5



#49
Dibromochloromethane
Concen: 10.649 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.000 min
Lab File: VV032676.D
Acq: 27 Oct 2023 11:44

Tgt Ion: 129 Resp: 134214
Ion Ratio Lower Upper
129 100
127 78.3 54.0 100.4





#50

1,2-Dibromoethane

Concen: 9.748 ug/L

RT: 8.284 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV032676.D

Acq: 27 Oct 2023 11:44

Instrument :

MSVOA_V

ClientSampleId :

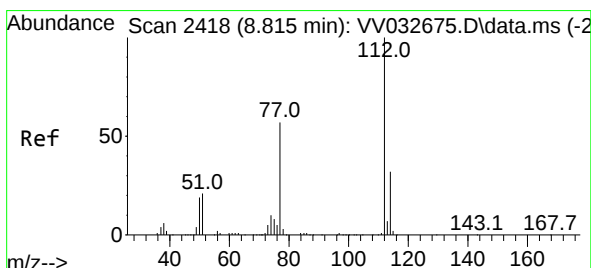
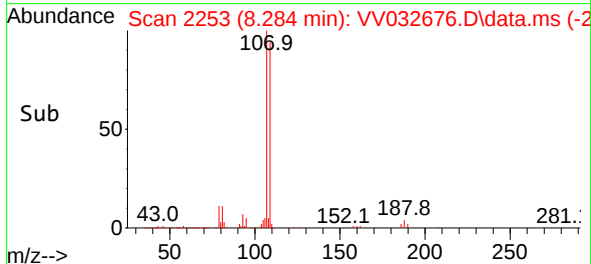
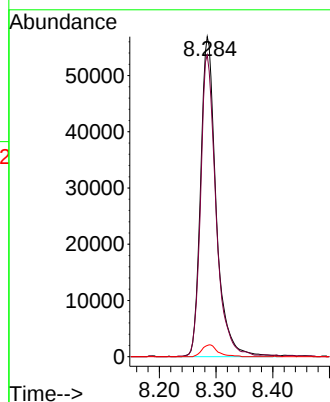
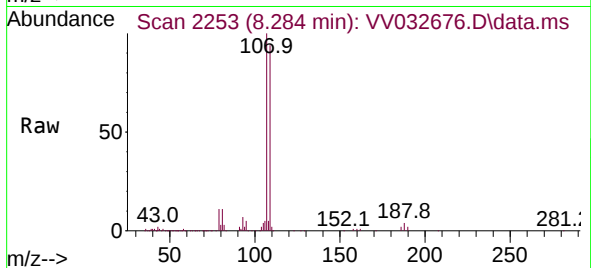
Tgt Ion:107 Resp: 108486

Ion Ratio Lower Upper

107 100

109 94.3 66.4 123.4

188 3.5 2.9 4.3



#51

Chlorobenzene

Concen: 9.933 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. -0.000 min

Lab File: VV032676.D

Acq: 27 Oct 2023 11:44

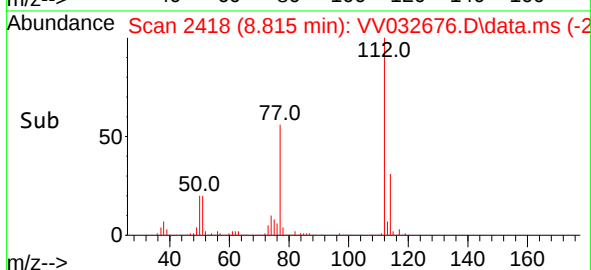
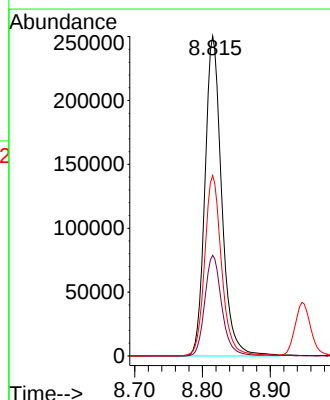
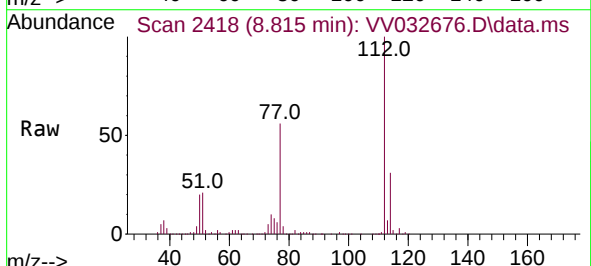
Tgt Ion:112 Resp: 429536

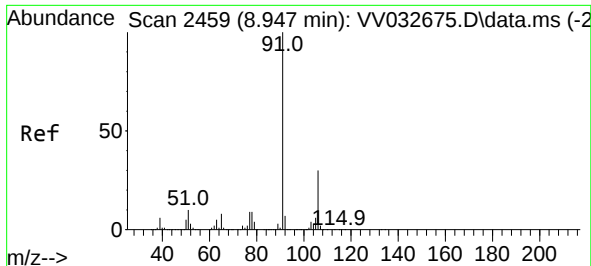
Ion Ratio Lower Upper

112 100

114 31.5 22.7 42.3

77 56.4 45.7 68.5

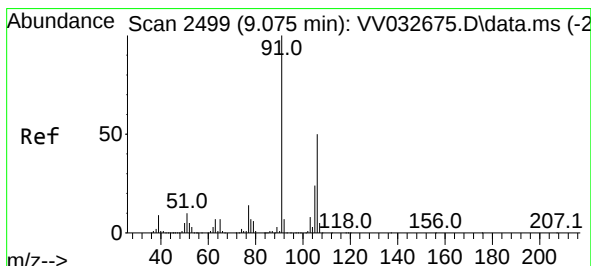
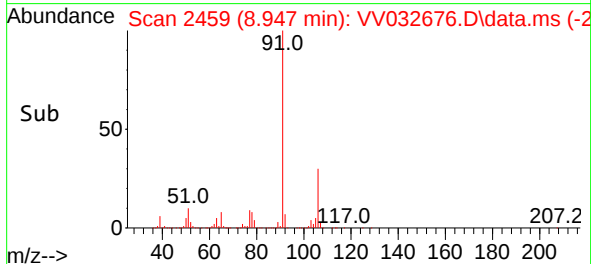
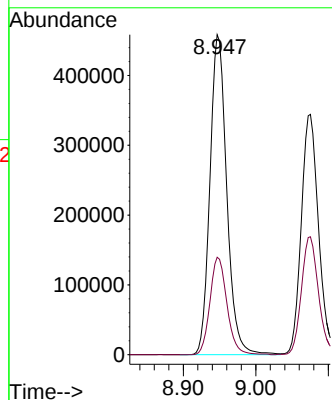
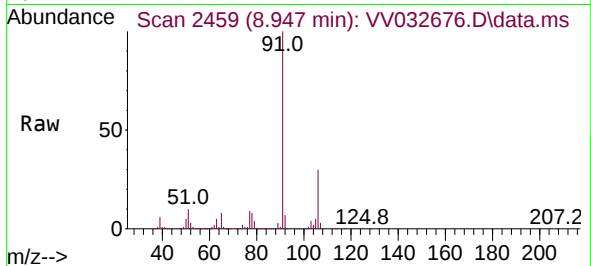




#52
Ethylbenzene
Concen: 9.973 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV032676.D
Acq: 27 Oct 2023 11:44

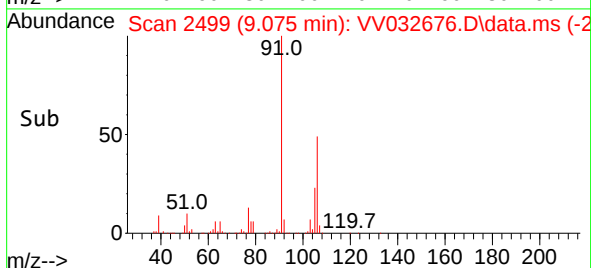
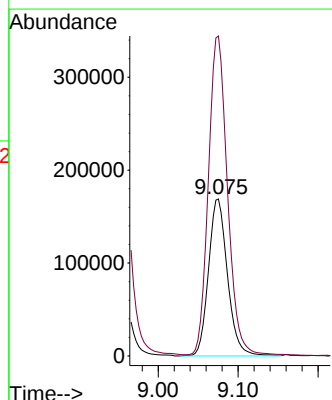
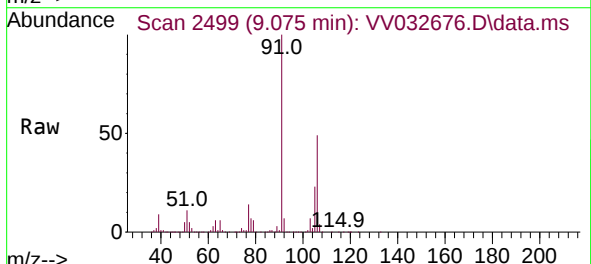
Instrument :
MSVOA_V
ClientSampleId :

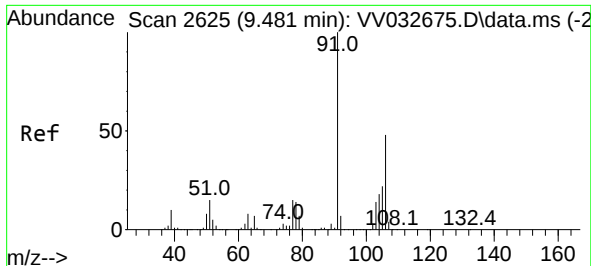
Tgt Ion: 91 Resp: 738100
Ion Ratio Lower Upper
91 100
106 30.5 20.9 38.9



#53
m,p-Xylene
Concen: 10.163 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. -0.000 min
Lab File: VV032676.D
Acq: 27 Oct 2023 11:44

Tgt Ion: 106 Resp: 279532
Ion Ratio Lower Upper
106 100
91 203.9 139.3 258.7

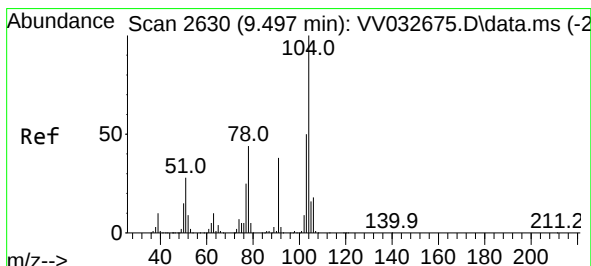
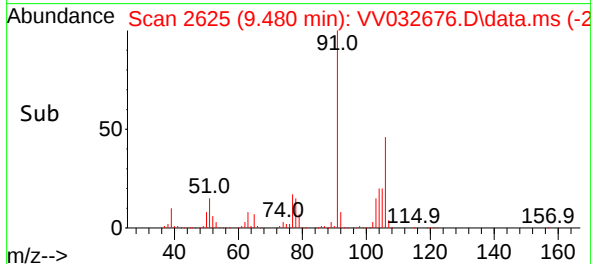
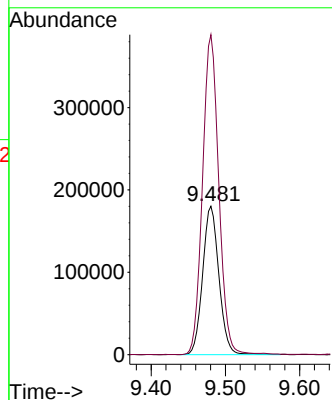
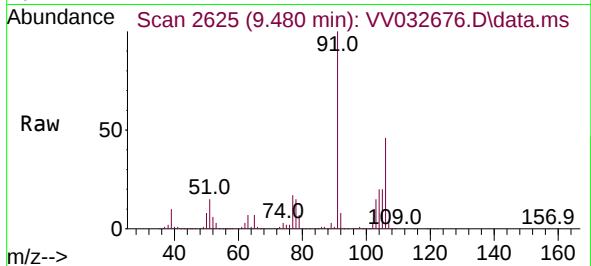




#54
o-Xylene
Concen: 10.296 ug/L
RT: 9.480 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV032676.D
Acq: 27 Oct 2023 11:44

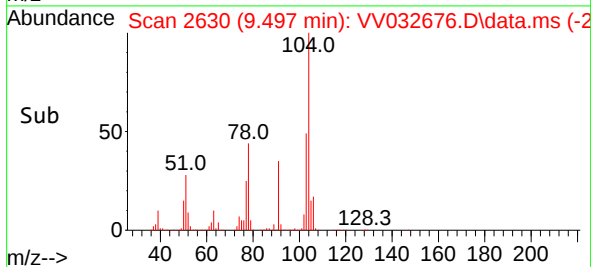
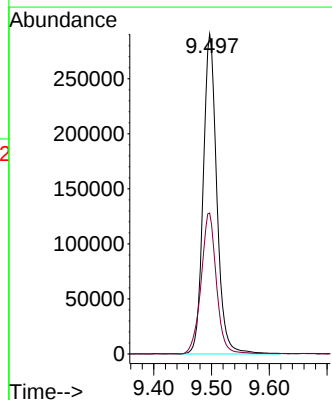
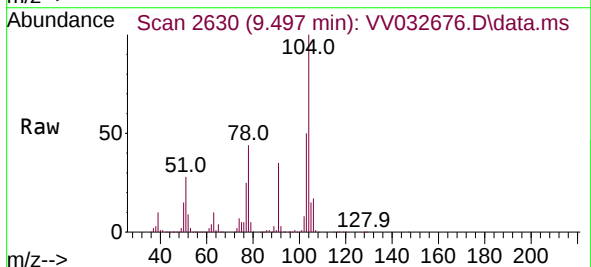
Instrument :
MSVOA_V
ClientSampleId :

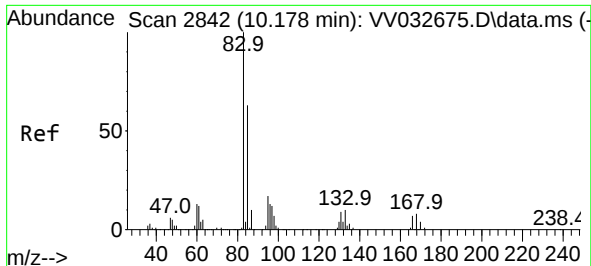
Tgt Ion:106 Resp: 274392
Ion Ratio Lower Upper
106 100
91 215.5 147.4 273.8



#55
Styrene
Concen: 10.627 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV032676.D
Acq: 27 Oct 2023 11:44

Tgt Ion:104 Resp: 476051
Ion Ratio Lower Upper
104 100
78 44.0 30.5 56.7

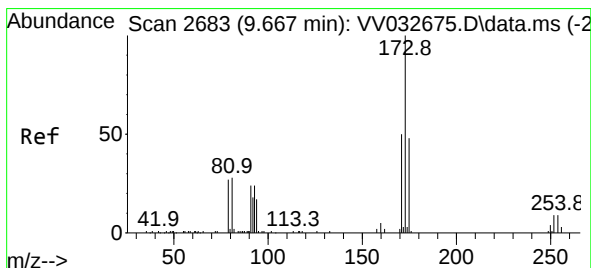
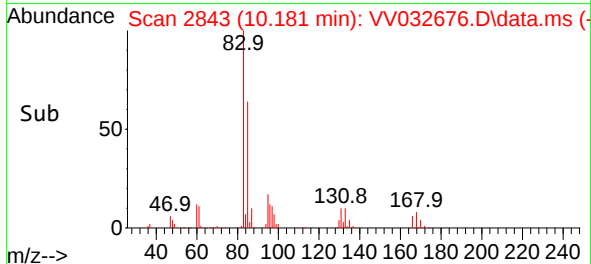
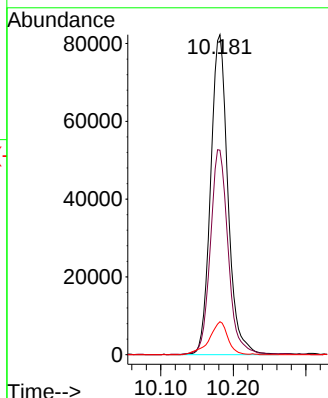
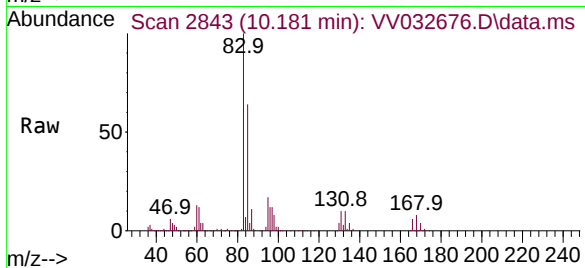




#57
1,1,2,2-Tetrachloroethane
Concen: 10.400 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VV032676.D
Acq: 27 Oct 2023 11:44

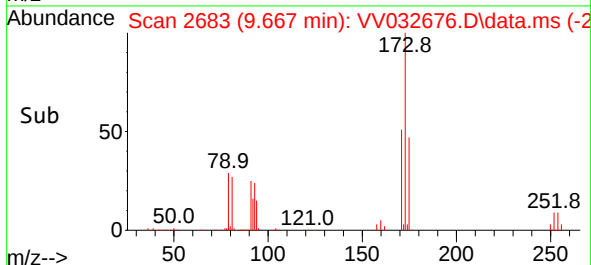
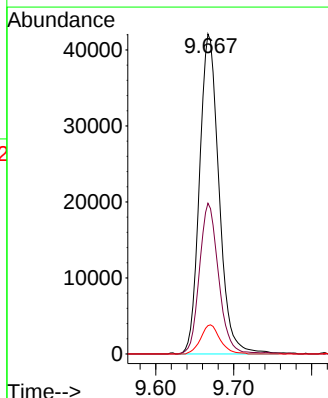
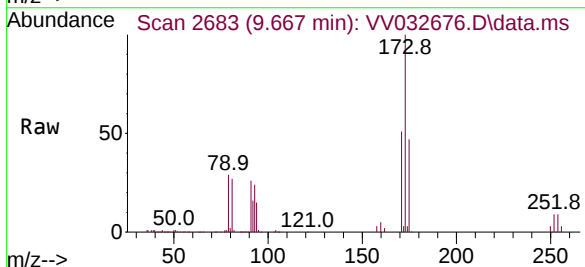
Instrument :
MSVOA_V
ClientSampleId :

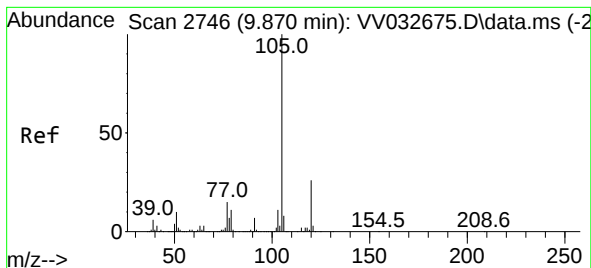
Tgt Ion: 83 Resp: 136136
Ion Ratio Lower Upper
83 100
85 63.9 44.0 81.8
131 10.3 7.8 11.8



#59
Bromoform
Concen: 10.154 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.000 min
Lab File: VV032676.D
Acq: 27 Oct 2023 11:44

Tgt Ion: 173 Resp: 73132
Ion Ratio Lower Upper
173 100
175 46.2 38.4 57.6
254 9.1 6.9 10.3





#60

Isopropylbenzene

Concen: 9.281 ug/L

RT: 9.870 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV032676.D

Acq: 27 Oct 2023 11:44

Instrument :

MSVOA_V

ClientSampleId :

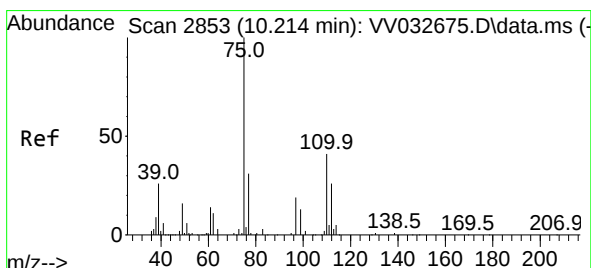
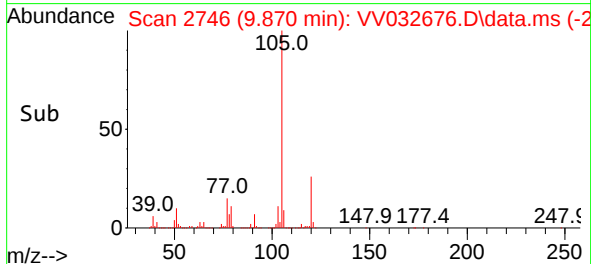
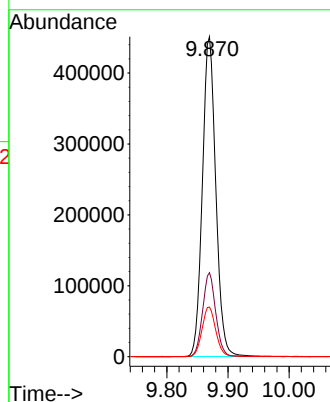
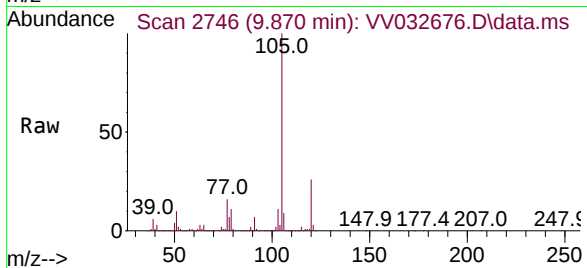
Tgt Ion:105 Resp: 686872

Ion Ratio Lower Upper

105 100

120 25.8 21.0 31.6

77 15.9 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 9.123 ug/L

RT: 10.210 min Scan# 2852

Delta R.T. -0.003 min

Lab File: VV032676.D

Acq: 27 Oct 2023 11:44

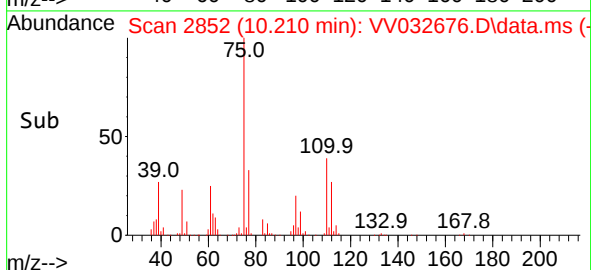
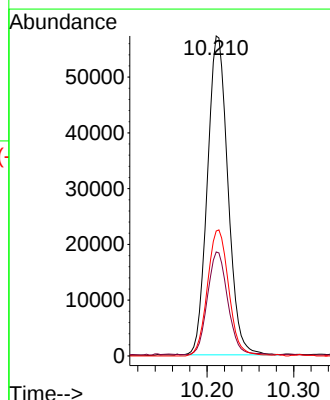
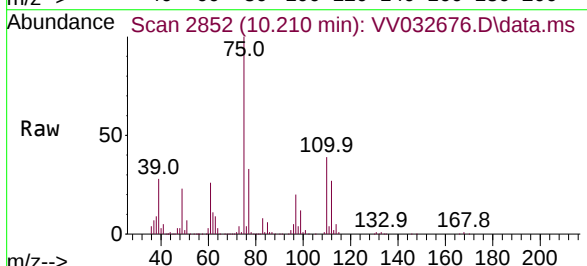
Tgt Ion: 75 Resp: 94073

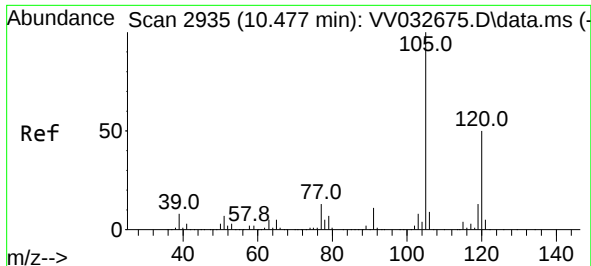
Ion Ratio Lower Upper

75 100

77 31.8 24.5 36.7

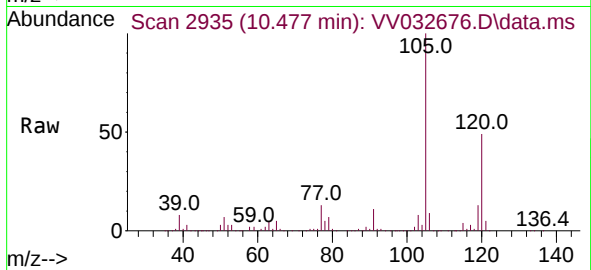
110 41.1 32.3 48.5



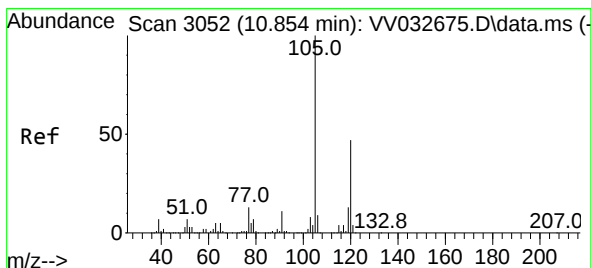
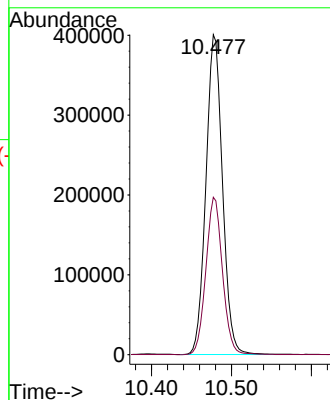
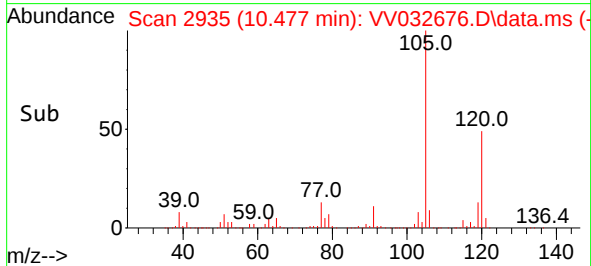


#62
 1,3,5-Trimethylbenzene
 Concen: 9.587 ug/L
 RT: 10.477 min Scan# 2935
 Delta R.T. -0.000 min
 Lab File: VV032676.D
 Acq: 27 Oct 2023 11:44

Instrument :
 MSVOA_V
 ClientSampleId :

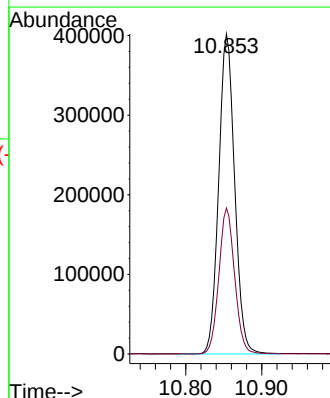
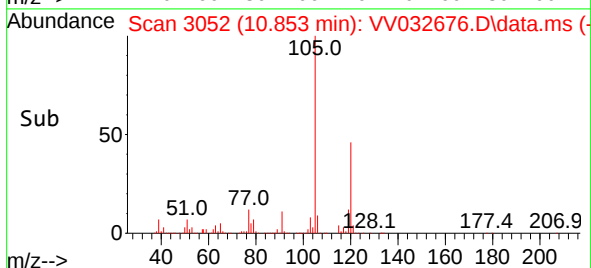
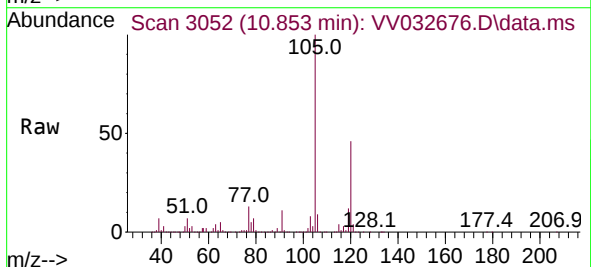


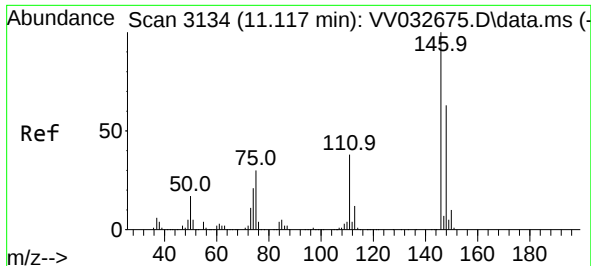
Tgt Ion:105 Resp: 577760
 Ion Ratio Lower Upper
 105 100
 120 49.4 39.4 59.2



#63
 1,2,4-Trimethylbenzene
 Concen: 9.752 ug/L
 RT: 10.853 min Scan# 3052
 Delta R.T. -0.000 min
 Lab File: VV032676.D
 Acq: 27 Oct 2023 11:44

Tgt Ion:105 Resp: 585319
 Ion Ratio Lower Upper
 105 100
 120 45.1 36.9 55.3

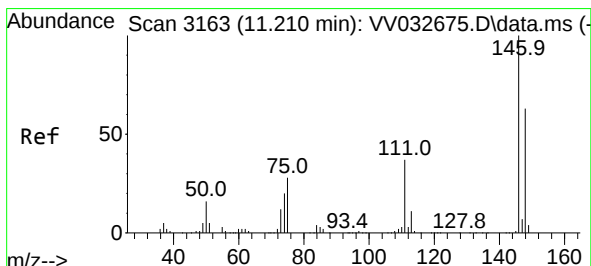
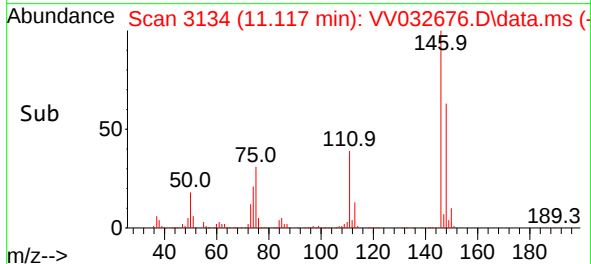
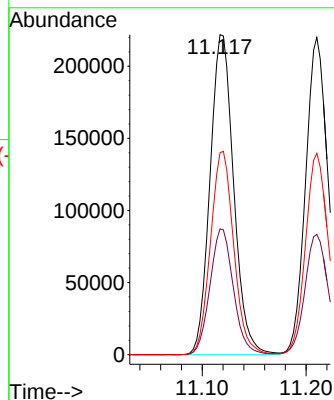
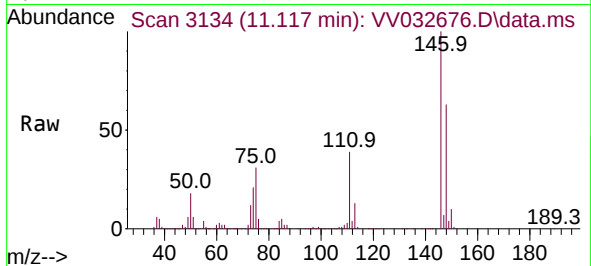




#64
1,3-Dichlorobenzene
Concen: 9.712 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV032676.D
Acq: 27 Oct 2023 11:44

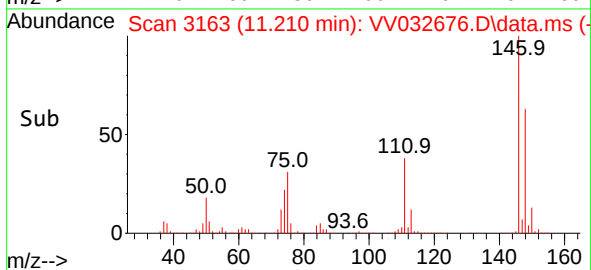
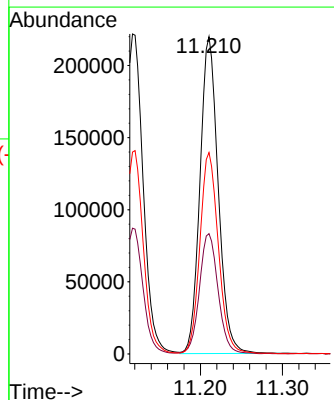
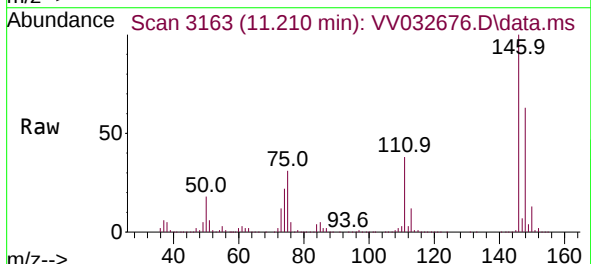
Instrument :
MSVOA_V
ClientSampleId :

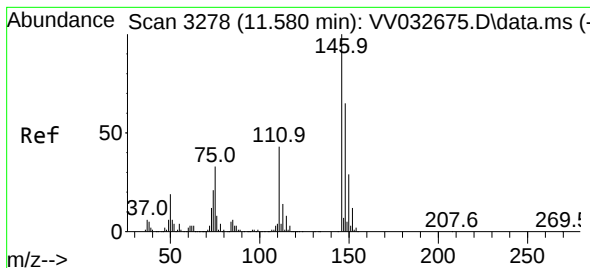
Tgt Ion:146 Resp: 350707
Ion Ratio Lower Upper
146 100
111 39.3 26.8 49.8
148 63.1 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 9.372 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV032676.D
Acq: 27 Oct 2023 11:44

Tgt Ion:146 Resp: 338633
Ion Ratio Lower Upper
146 100
111 37.9 26.2 48.8
148 63.5 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 9.880 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032676.D

Acq: 27 Oct 2023 11:44

Instrument :

MSVOA_V

ClientSampleId :

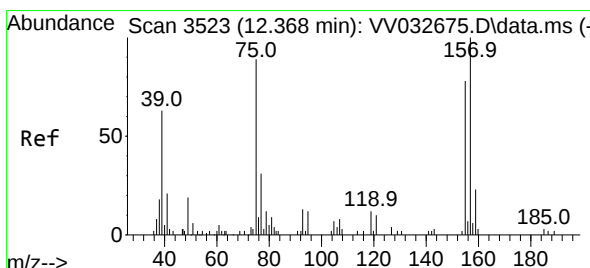
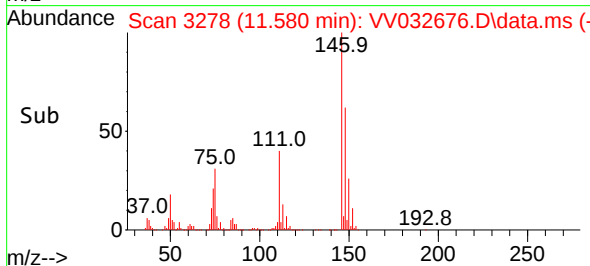
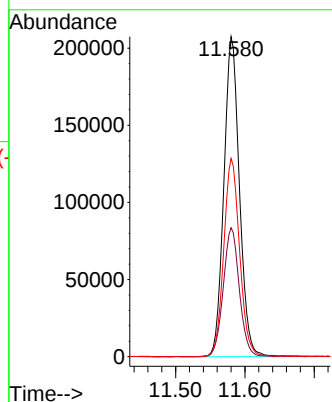
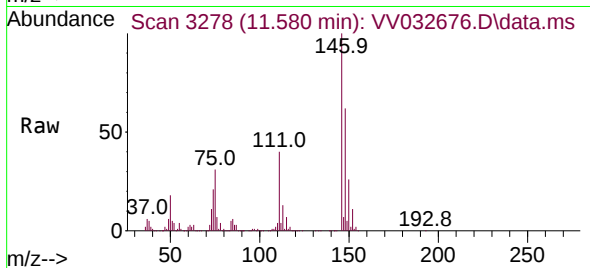
Tgt Ion:146 Resp: 324791

Ion Ratio Lower Upper

146 100

111 40.3 34.2 51.4

148 62.0 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 9.829 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. -0.000 min

Lab File: VV032676.D

Acq: 27 Oct 2023 11:44

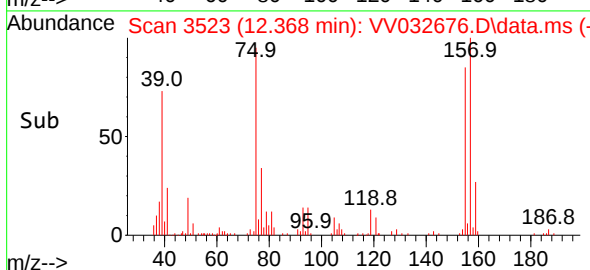
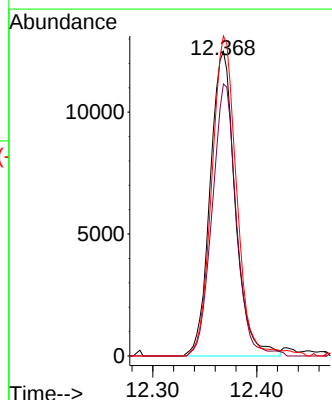
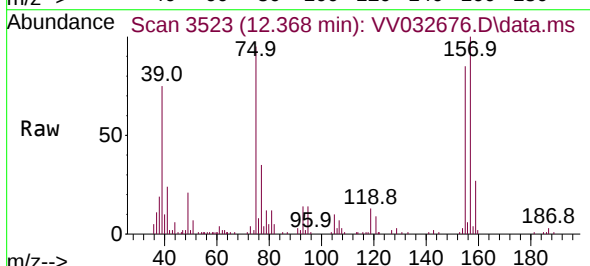
Tgt Ion: 75 Resp: 20898

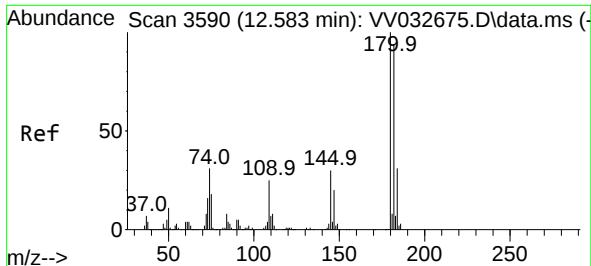
Ion Ratio Lower Upper

75 100

155 89.4 70.1 105.1

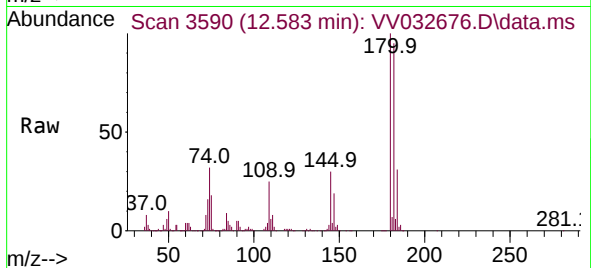
157 105.1 90.2 135.2



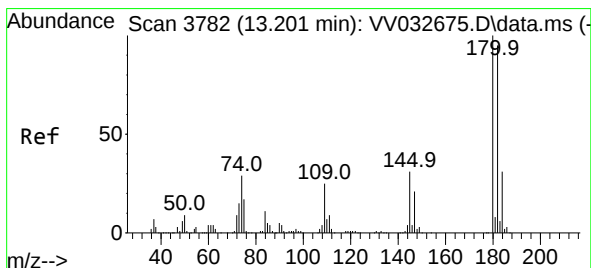
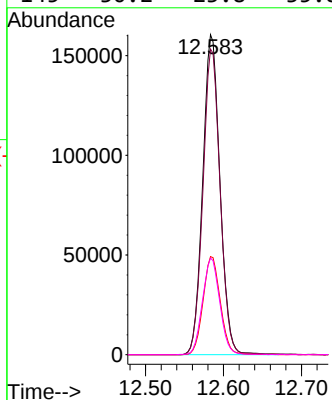
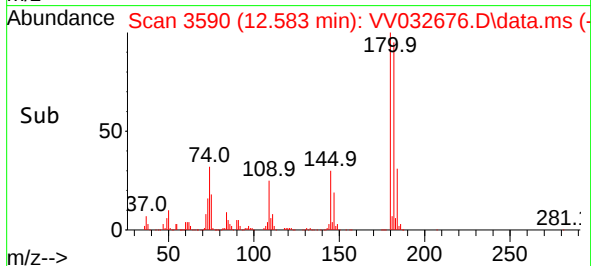


#69
 1,3,5-Trichlorobenzene
 Concen: 9.418 ug/L
 RT: 12.583 min Scan# 3590
 Delta R.T. -0.000 min
 Lab File: VV032676.D
 Acq: 27 Oct 2023 11:44

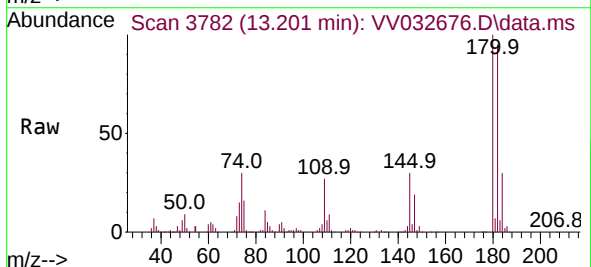
Instrument :
 MSVOA_V
 ClientSampleId :



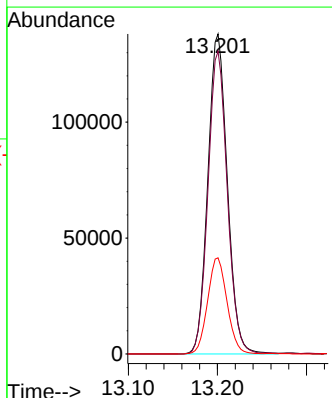
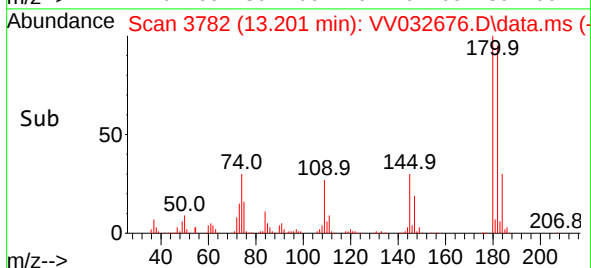
Tgt Ion:180 Resp: 246399
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.6 115.0
 184 30.7 24.3 36.5
 145 30.2 23.8 35.8

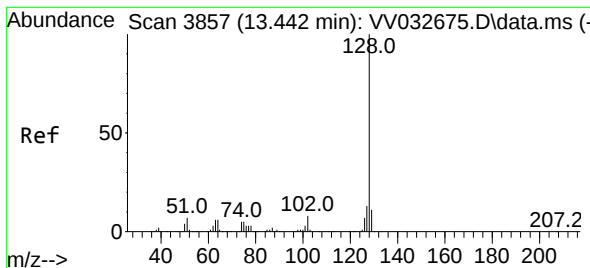


#70
 1,2,4-trichlorobenzene
 Concen: 9.119 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. -0.000 min
 Lab File: VV032676.D
 Acq: 27 Oct 2023 11:44



Tgt Ion:180 Resp: 209668
 Ion Ratio Lower Upper
 180 100
 182 93.6 75.7 113.5
 145 30.0 25.0 37.4





#71

Naphthalene

Concen: 9.107 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. -0.000 min

Lab File: VV032676.D

Acq: 27 Oct 2023 11:44

Instrument :

MSVOA_V

ClientSampleId :

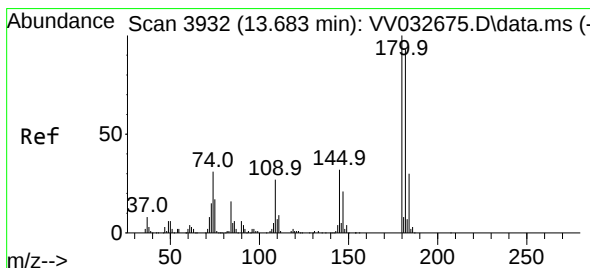
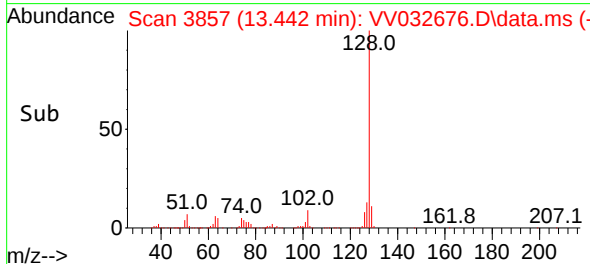
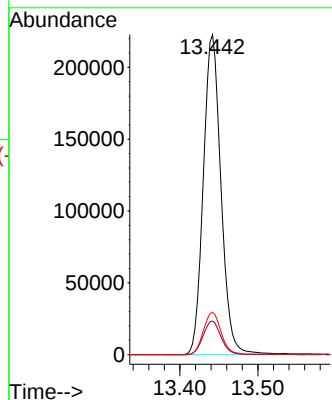
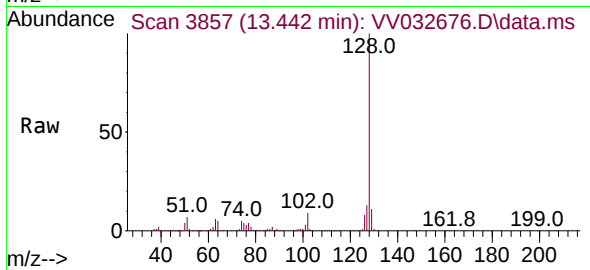
Tgt Ion:128 Resp: 350284

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 13.3 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 9.676 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. -0.000 min

Lab File: VV032676.D

Acq: 27 Oct 2023 11:44

Tgt Ion:180 Resp: 192608

Ion Ratio Lower Upper

180 100

182 96.2 75.4 113.2

145 32.7 26.4 39.6

