

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102522\
 Data File : VW028684.D
 Acq On : 25 Oct 2022 12:44
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 04:38:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 04:33:35 2022
 Response via : Initial Calibration

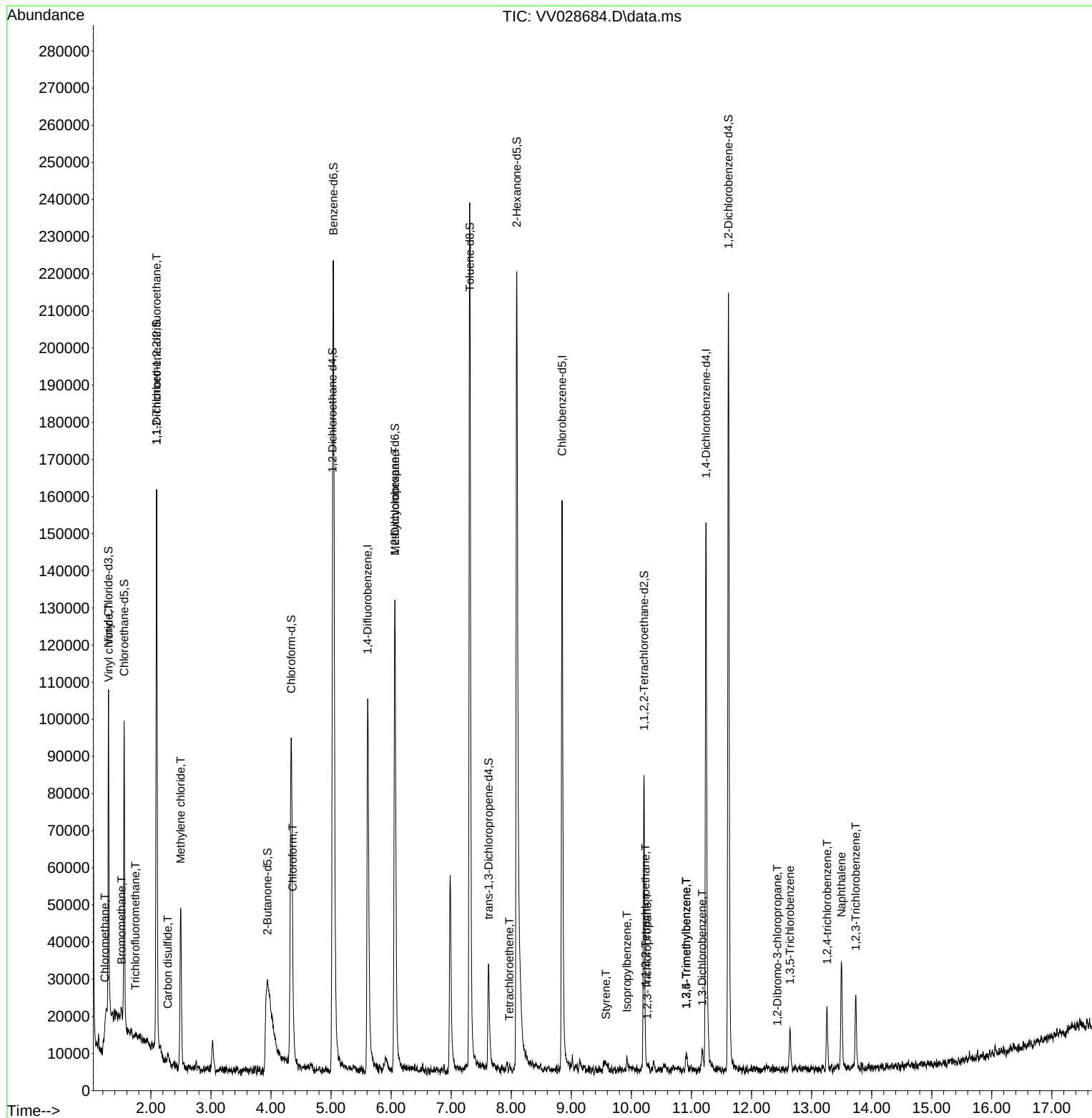
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	85768	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	80496	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	36213	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	57320	7.293	ug/L	0.00
7) Chloroethane-d5	1.555	69	50775	8.067	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.095	63	82721	5.955	ug/L	-0.02
20) 2-Butanone-d5	3.941	46	31347	19.563	ug/L	-0.03
24) Chloroform-d	4.336	84	92301	7.580	ug/L	-0.02
26) 1,2-Dichloroethane-d4	5.024	65	48829	7.296	ug/L	-0.02
32) Benzene-d6	5.040	84	186411	5.686	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	64992	6.513	ug/L	-0.01
41) Toluene-d8	7.310	98	153141	6.447	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	17851	6.809	ug/L	0.00
46) 2-Hexanone-d5	8.091	63	89725	81.824	ug/L	-0.02
56) 1,1,2,2-Tetrachloroeth...	10.210	84	40043	7.904	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	48476	7.803	ug/L	0.00
Target Compounds						
					Qvalue	
3) Chloromethane	1.233	50	1025	0.130	ug/L #	74
5) Vinyl chloride	1.298	62	809	0.107	ug/L #	1
6) Bromomethane	1.513	94	1389	0.375	ug/L	98
9) Trichlorofluoromethane	1.741	101	472	0.050	ug/L #	72
10) 1,1,2-Trichloro-1,2,2-...	2.095	101	901	0.162	ug/L #	44
14) Carbon disulfide	2.281	76	3726	0.295	ug/L #	78
16) Methylene chloride	2.497	84	16284	2.141	ug/L	98
25) Chloroform	4.362	83	5012	0.391	ug/L	96
35) Methylcyclohexane	6.063	83	13957	1.164	ug/L #	15
47) Tetrachloroethene	7.969	164	207	0.047	ug/L #	42
55) Styrene	9.577	104	1150	0.061	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.233	83	510	0.095	ug/L #	80
60) Isopropylbenzene	9.927	105	1533	0.053	ug/L #	84
61) 1,2,3-Trichloropropane	10.262	75	432	0.115	ug/L #	66
62) 1,3,5-Trimethylbenzene	10.911	105	2215	0.266	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	2215	0.099	ug/L	95
64) 1,3-Dichlorobenzene	11.181	146	2133	0.186	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.429	75	277	0.411	ug/L #	31
69) 1,3,5-Trichlorobenzene	12.641	180	2948	0.360	ug/L	97
70) 1,2,4-trichlorobenzene	13.259	180	4079	0.634	ug/L	90
71) Naphthalene	13.496	128	22190	2.025	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.738	180	4833	0.858	ug/L	87

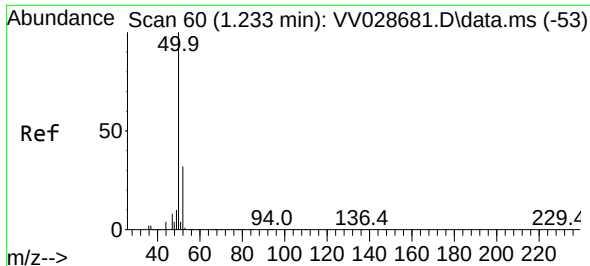
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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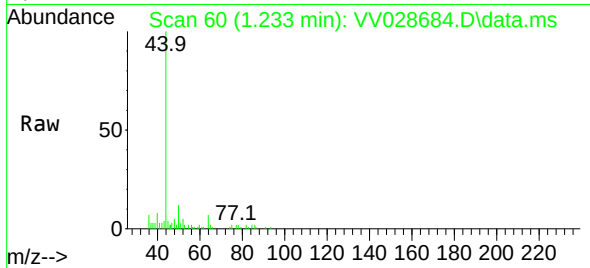
Quant Time: Oct 27 04:38:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 27 04:33:35 2022
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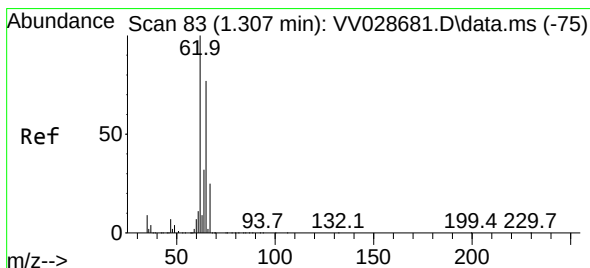
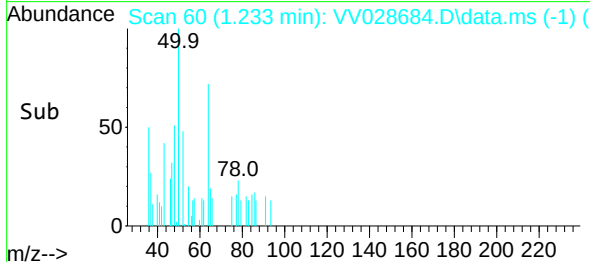
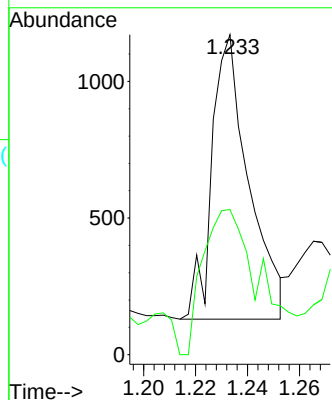


#3
Chloromethane
Concen: 0.130 ug/L
RT: 1.233 min Scan# 60
Delta R.T. -0.000 min
Lab File: VV028684.D
Acq: 25 Oct 2022 12:44

Instrument :
MSVOA_V
ClientSampleId :

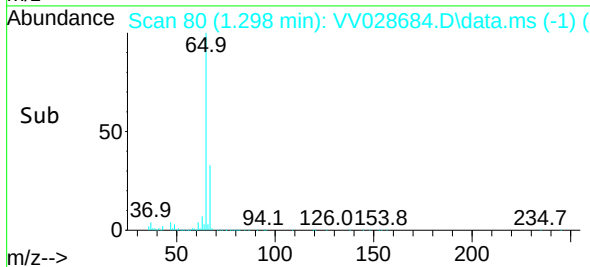
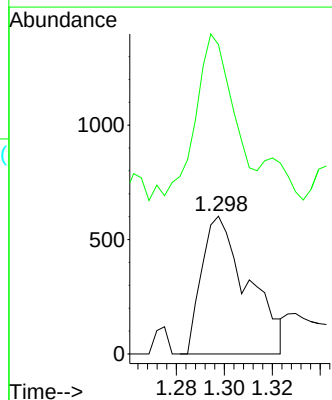
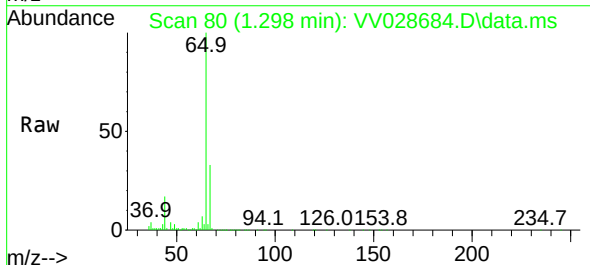


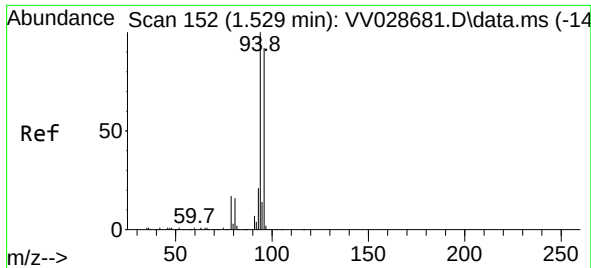
Tgt Ion: 50 Resp: 1025
Ion Ratio Lower Upper
50 100
52 45.3 21.8 40.6#



#5
Vinyl chloride
Concen: 0.107 ug/L
RT: 1.298 min Scan# 80
Delta R.T. -0.010 min
Lab File: VV028684.D
Acq: 25 Oct 2022 12:44

Tgt Ion: 62 Resp: 809
Ion Ratio Lower Upper
62 100
64 224.8 22.0 41.0#

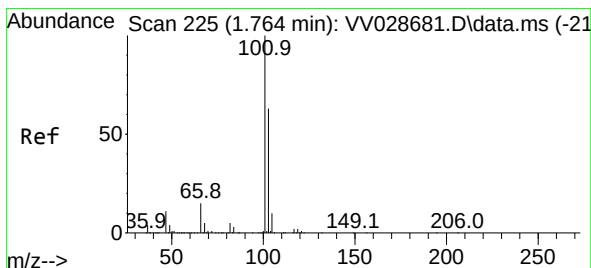
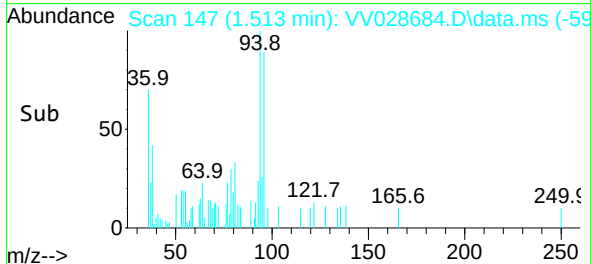
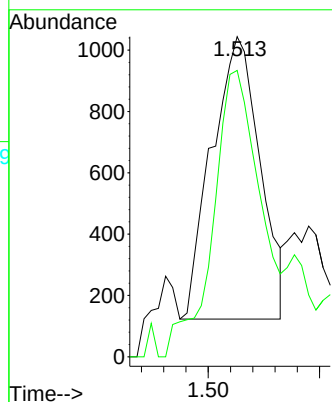
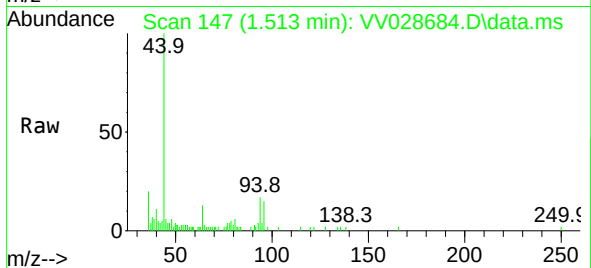




#6
Bromomethane
Concen: 0.375 ug/L
RT: 1.513 min Scan# 14
Delta R.T. -0.016 min
Lab File: VV028684.D
Acq: 25 Oct 2022 12:44

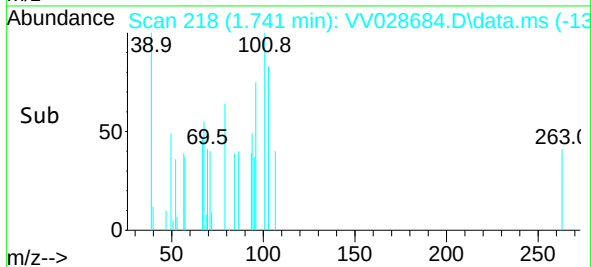
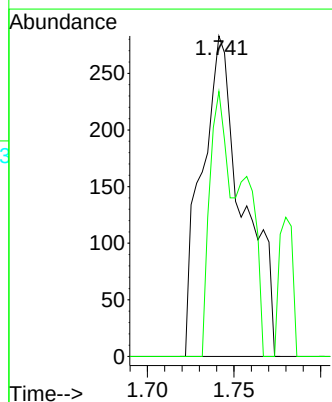
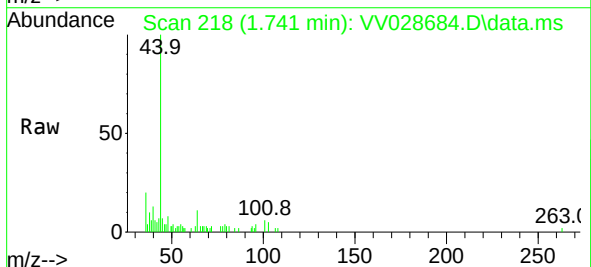
Instrument :
MSVOA_V
ClientSampleId :

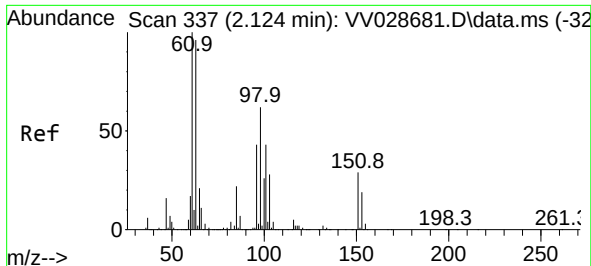
Tgt Ion: 94 Resp: 1389
Ion Ratio Lower Upper
94 100
96 89.5 64.3 119.3



#9
Trichlorofluoromethane
Concen: 0.050 ug/L
RT: 1.741 min Scan# 218
Delta R.T. -0.023 min
Lab File: VV028684.D
Acq: 25 Oct 2022 12:44

Tgt Ion:101 Resp: 472
Ion Ratio Lower Upper
101 100
103 42.2 51.0 76.6#

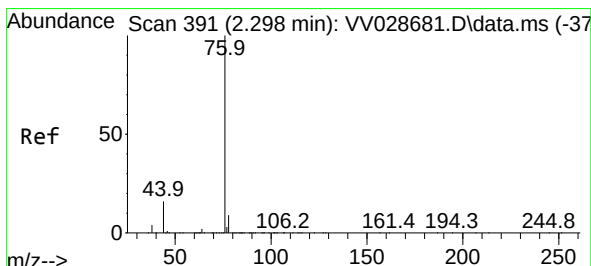
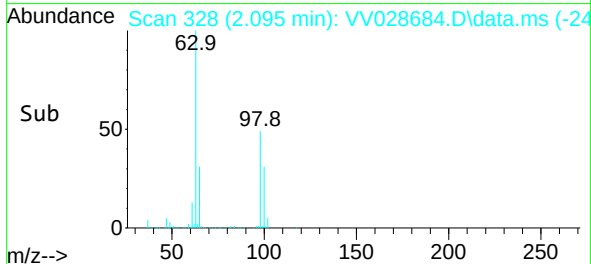
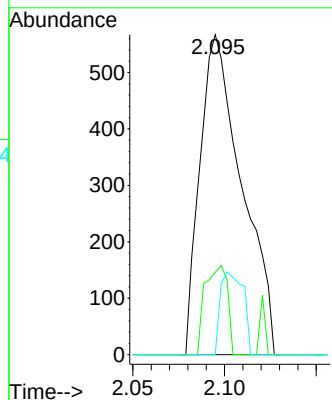
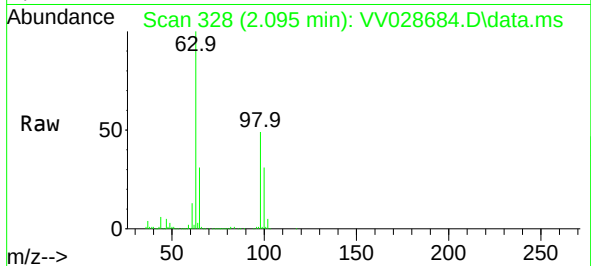




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.162 ug/L
RT: 2.095 min Scan# 31
Delta R.T. -0.029 min
Lab File: VV028684.D
Acq: 25 Oct 2022 12:44

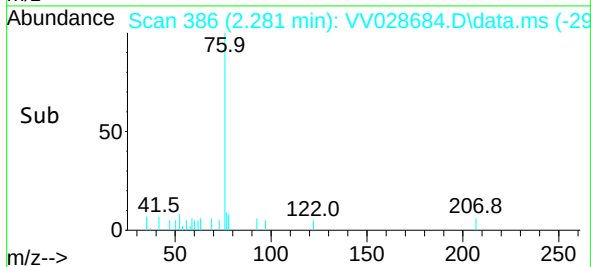
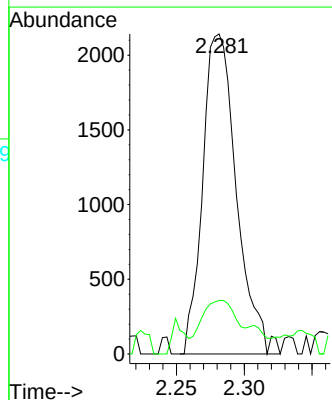
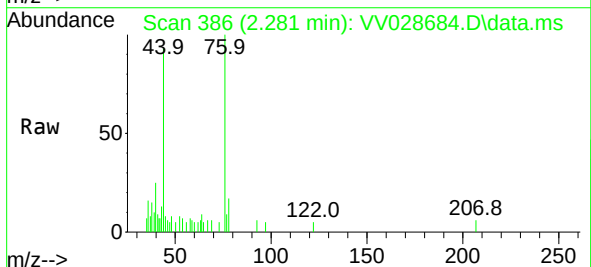
Instrument :
MSVOA_V
ClientSampleId :

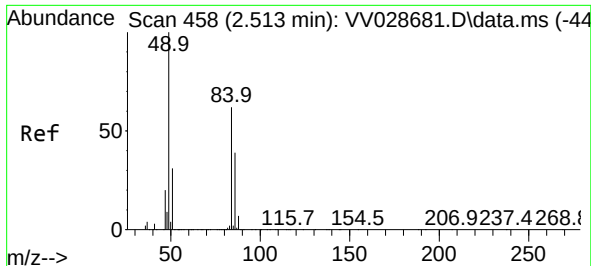
Tgt Ion:101 Resp: 901
Ion Ratio Lower Upper
101 100
85 14.9 37.0 55.6#
151 14.1 50.2 75.2#



#14
Carbon disulfide
Concen: 0.295 ug/L
RT: 2.281 min Scan# 386
Delta R.T. -0.016 min
Lab File: VV028684.D
Acq: 25 Oct 2022 12:44

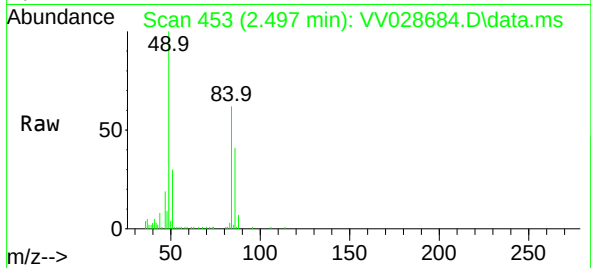
Tgt Ion: 76 Resp: 3726
Ion Ratio Lower Upper
76 100
78 16.8 7.1 10.7#



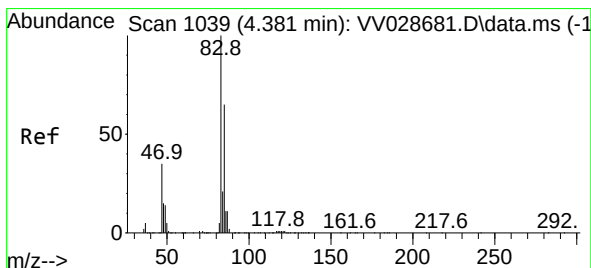
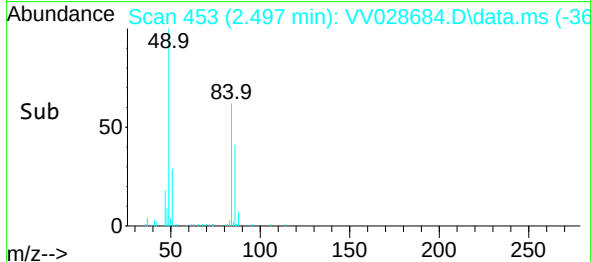
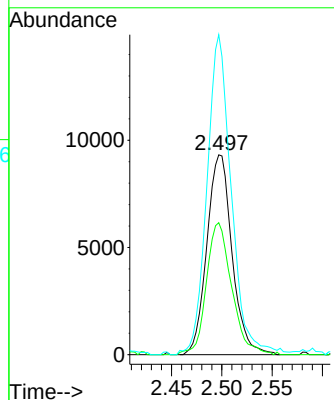


#16
Methylene chloride
Concen: 2.141 ug/L
RT: 2.497 min Scan# 41
Delta R.T. -0.016 min
Lab File: VV028684.D
Acq: 25 Oct 2022 12:44

Instrument :
MSVOA_V
ClientSampleId :

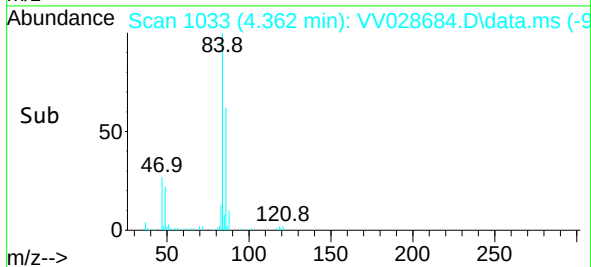
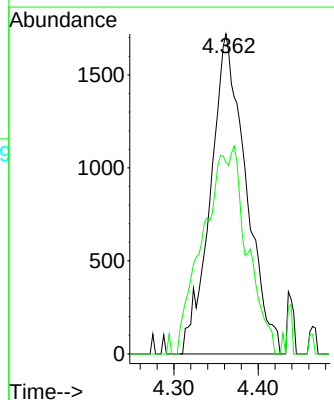
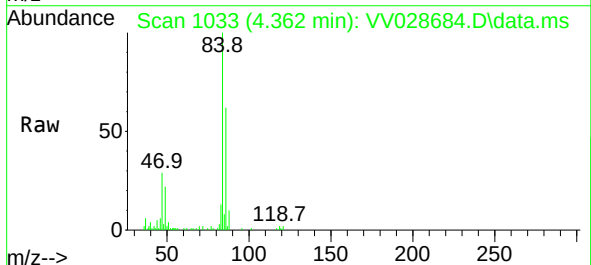


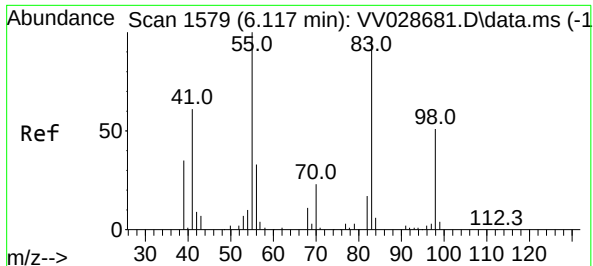
Tgt Ion: 84 Resp: 16284
Ion Ratio Lower Upper
84 100
86 66.0 44.4 82.4
49 160.1 110.8 205.8



#25
Chloroform
Concen: 0.391 ug/L
RT: 4.362 min Scan# 1033
Delta R.T. -0.019 min
Lab File: VV028684.D
Acq: 25 Oct 2022 12:44

Tgt Ion: 83 Resp: 5012
Ion Ratio Lower Upper
83 100
85 59.9 44.1 81.9

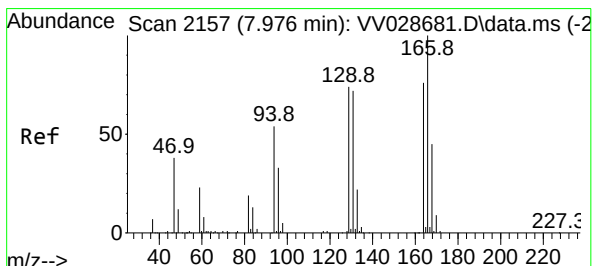
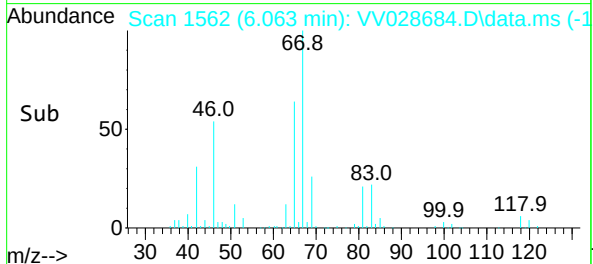
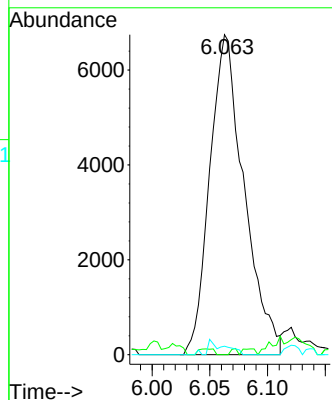
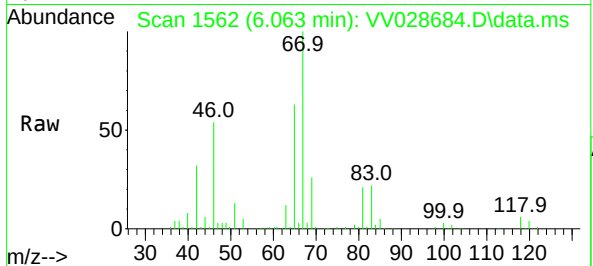




#35
Methylcyclohexane
Concen: 1.164 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.055 min
Lab File: VV028684.D
Acq: 25 Oct 2022 12:44

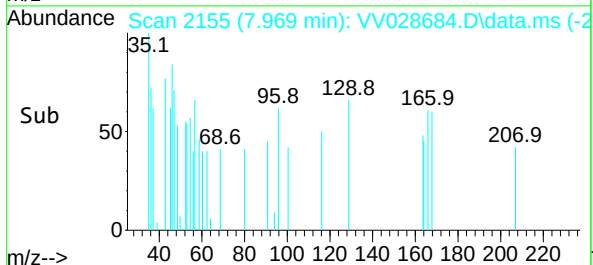
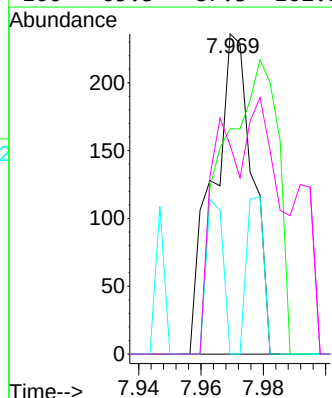
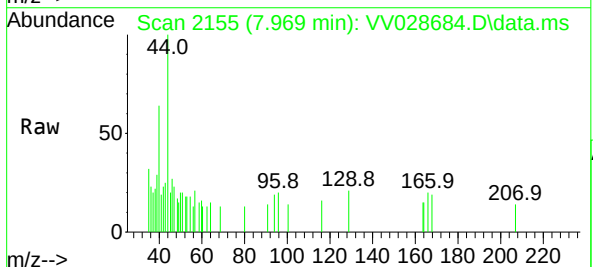
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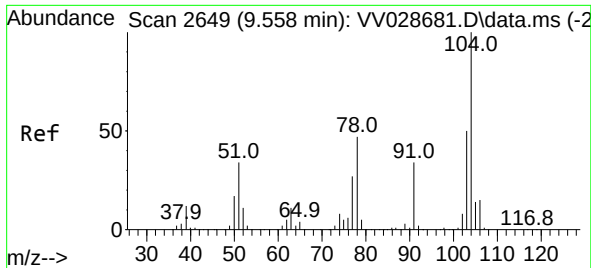
Tgt Ion: 83 Resp: 13957
Ion Ratio Lower Upper
83 100
55 0.3 70.0 105.0#
98 0.0 35.6 53.4#



#47
Tetrachloroethene
Concen: 0.047 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.007 min
Lab File: VV028684.D
Acq: 25 Oct 2022 12:44

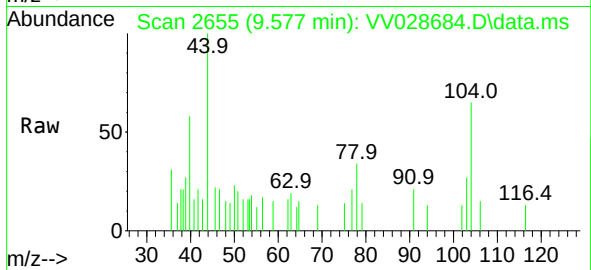
Tgt Ion:164 Resp: 207
Ion Ratio Lower Upper
164 100
129 70.3 69.2 128.6
131 0.0 64.2 119.2#
166 65.3 87.3 162.1#



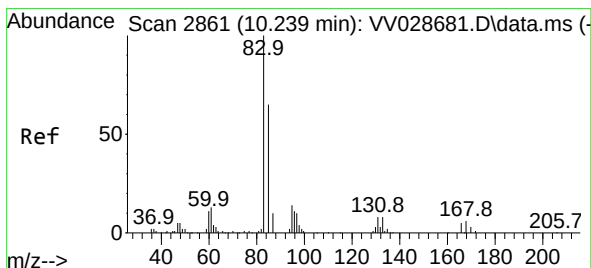
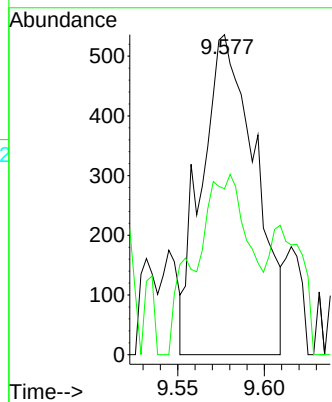
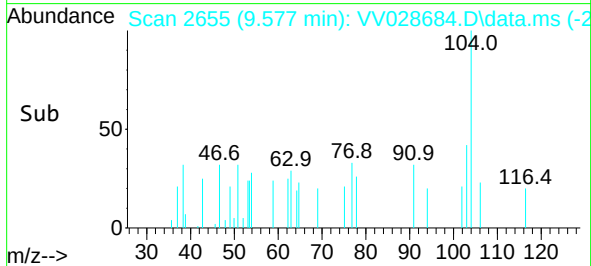


#55
Styrene
Concen: 0.061 ug/L
RT: 9.577 min Scan# 2150
Delta R.T. 0.019 min
Lab File: VV028684.D
Acq: 25 Oct 2022 12:44

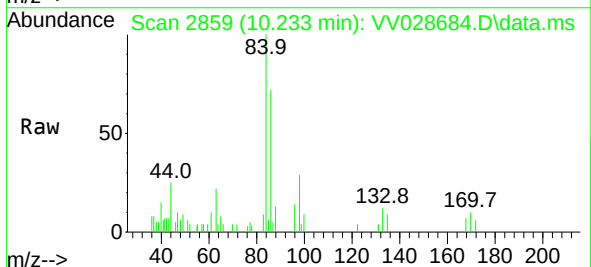
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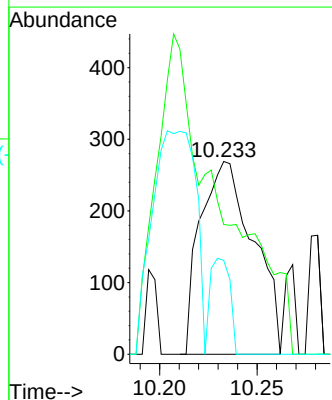
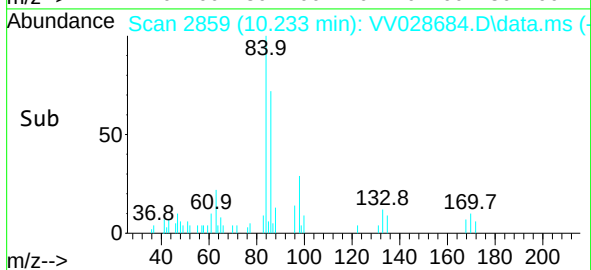
Tgt Ion:104 Resp: 1150
Ion Ratio Lower Upper
104 100
78 51.9 32.8 61.0

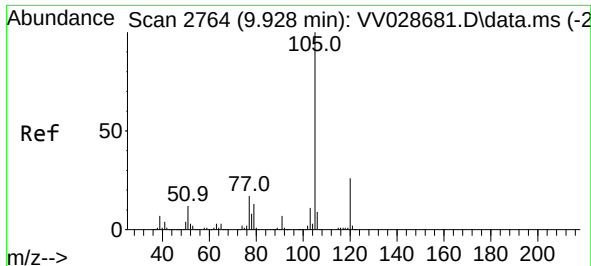


#57
1,1,2,2-Tetrachloroethane
Concen: 0.095 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. -0.007 min
Lab File: VV028684.D
Acq: 25 Oct 2022 12:44



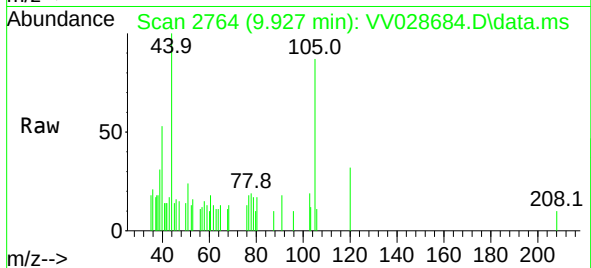
Tgt Ion: 83 Resp: 510
Ion Ratio Lower Upper
83 100
85 67.3 43.0 80.0
131 48.7 6.5 9.7#



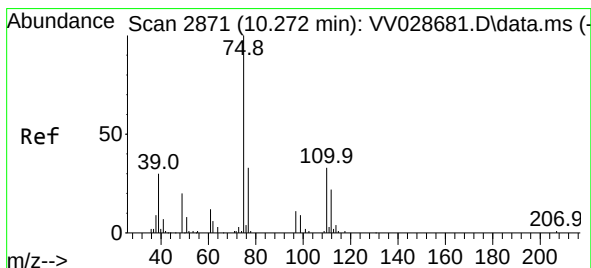
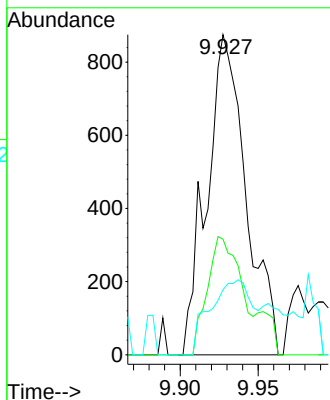
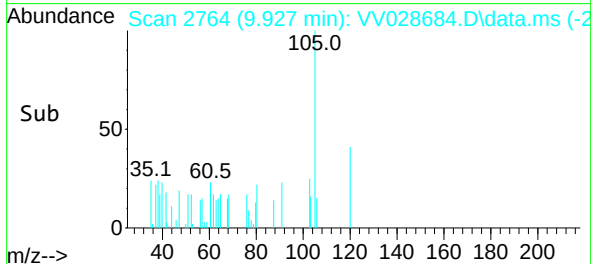


#60
Isopropylbenzene
Concen: 0.053 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028684.D
Acq: 25 Oct 2022 12:44

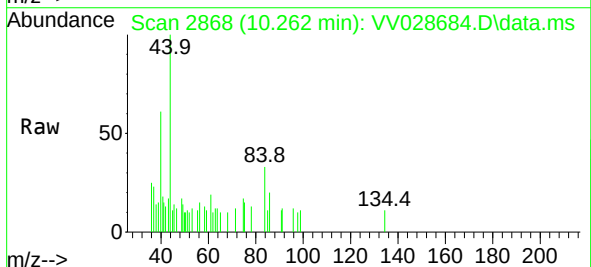
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ClientSampleId :



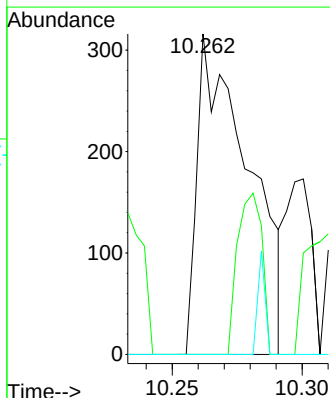
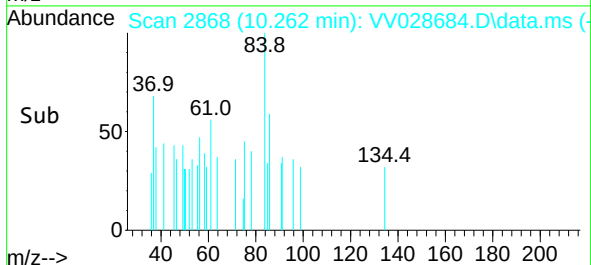
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Ion Ratio Lower Upper
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120 31.5 20.1 30.1#
77 25.2 13.4 20.0#

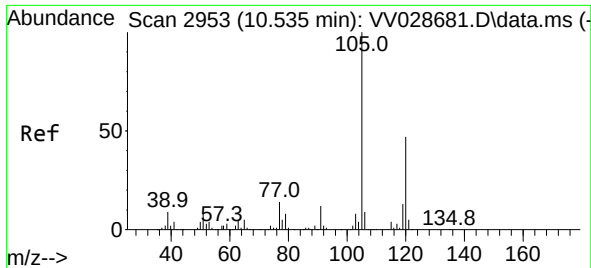


#61
1,2,3-Trichloropropane
Concen: 0.115 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. -0.010 min
Lab File: VV028684.D
Acq: 25 Oct 2022 12:44



Tgt Ion: 75 Resp: 432
Ion Ratio Lower Upper
75 100
77 24.1 25.2 37.8#
110 4.6 27.9 41.9#

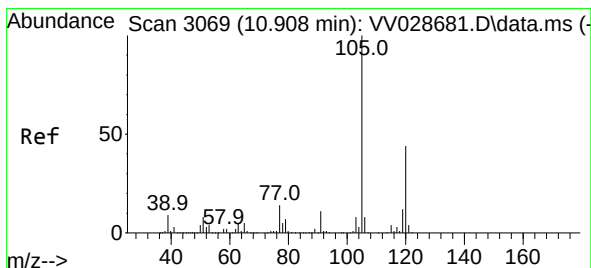
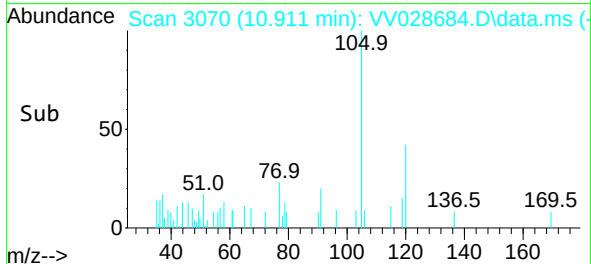
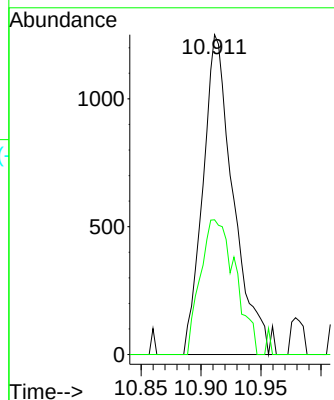
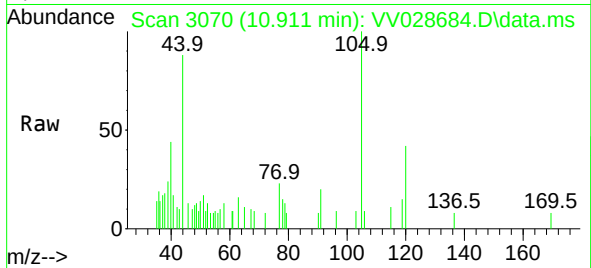




#62
 1,3,5-Trimethylbenzene
 Concen: 0.266 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. 0.376 min
 Lab File: VV028684.D
 Acq: 25 Oct 2022 12:44

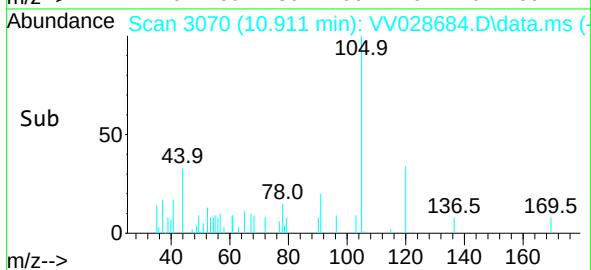
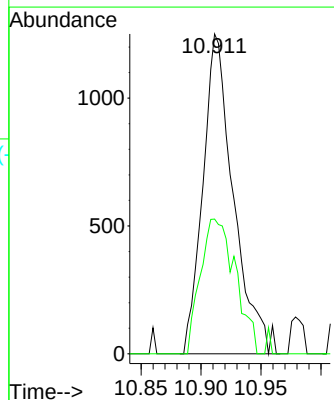
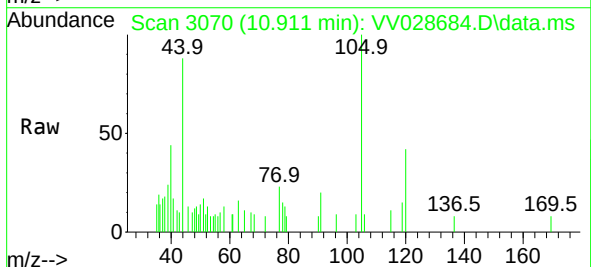
Instrument :
 MSVOA_V
 ClientSampleId :

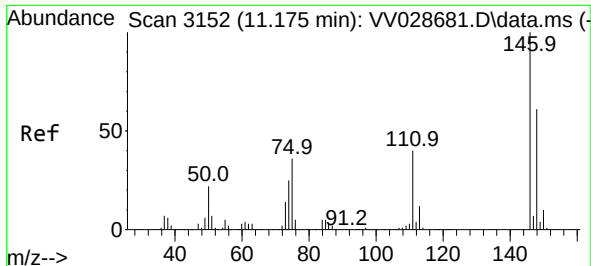
Tgt Ion:105 Resp: 2215
 Ion Ratio Lower Upper
 105 100
 120 48.4 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 0.099 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. 0.003 min
 Lab File: VV028684.D
 Acq: 25 Oct 2022 12:44

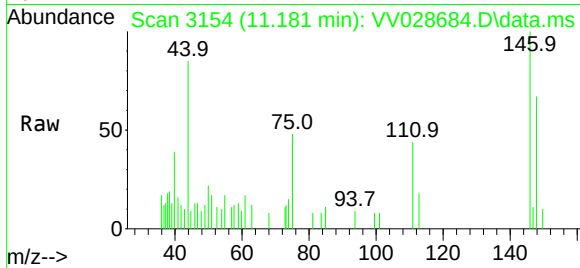
Tgt Ion:105 Resp: 2215
 Ion Ratio Lower Upper
 105 100
 120 48.4 36.2 54.2



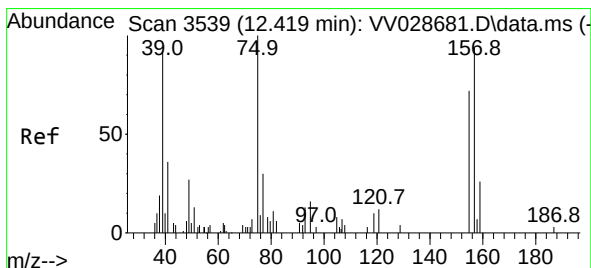
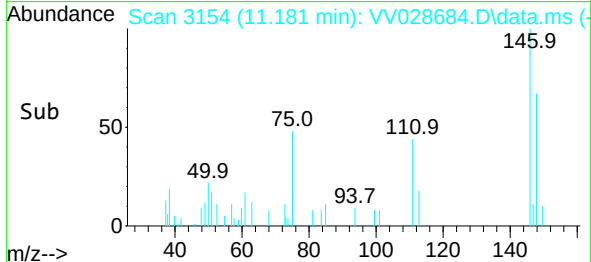
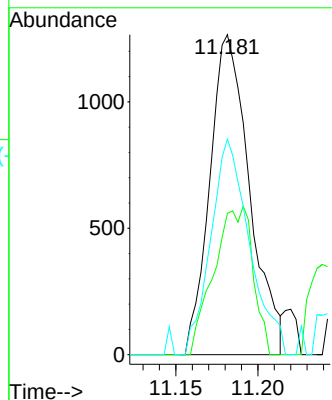


#64
1,3-Dichlorobenzene
Concen: 0.186 ug/L
RT: 11.181 min Scan# 3152
Delta R.T. 0.006 min
Lab File: VV028684.D
Acq: 25 Oct 2022 12:44

Instrument :
MSVOA_V
ClientSampleId :

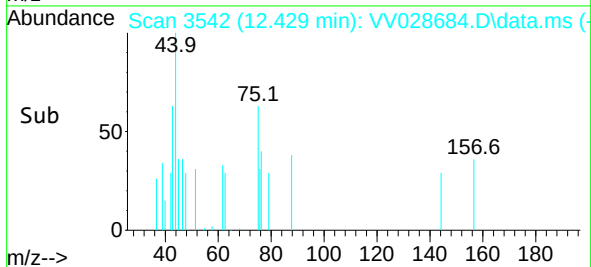
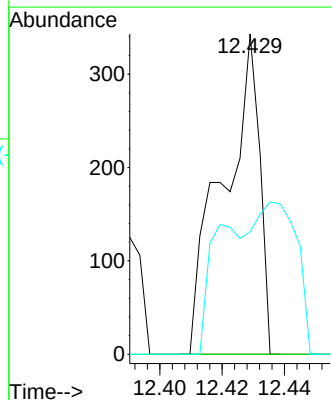
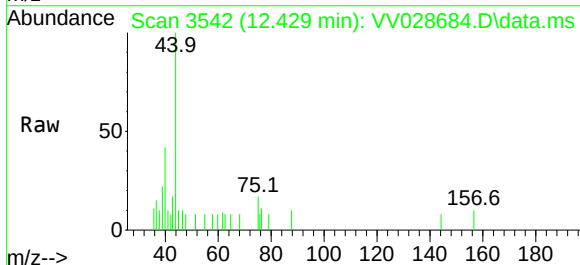


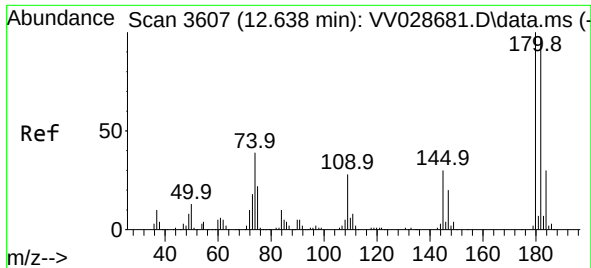
Tgt Ion:146 Resp: 2133
Ion Ratio Lower Upper
146 100
111 44.2 29.0 53.9
148 67.4 44.5 82.7



#68
1,2-Dibromo-3-chloropropane
Concen: 0.411 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.010 min
Lab File: VV028684.D
Acq: 25 Oct 2022 12:44

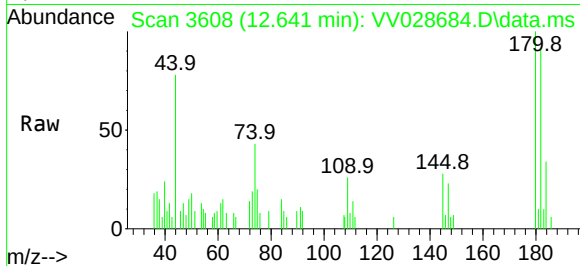
Tgt Ion: 75 Resp: 277
Ion Ratio Lower Upper
75 100
155 0.0 58.2 87.2#
157 38.2 71.5 107.3#



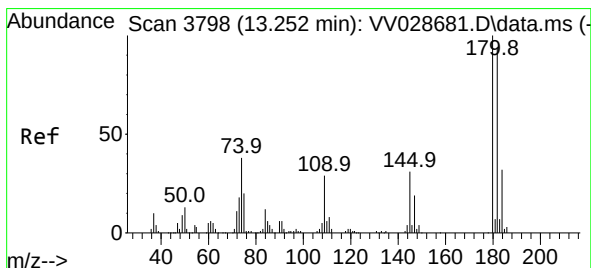
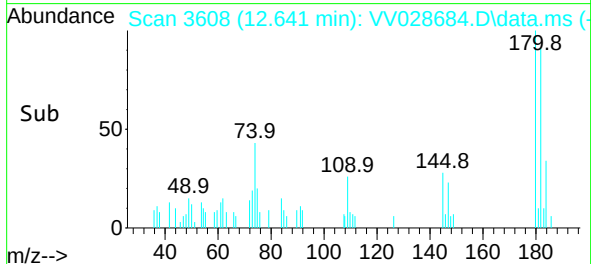
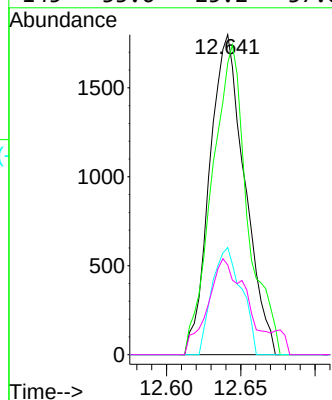


#69
 1,3,5-Trichlorobenzene
 Concen: 0.360 ug/L
 RT: 12.641 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VV028684.D
 Acq: 25 Oct 2022 12:44

Instrument :
 MSVOA_V
 ClientSampleId :

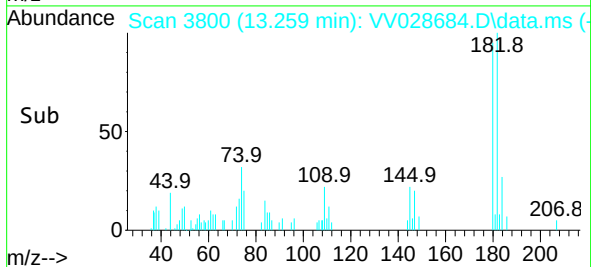
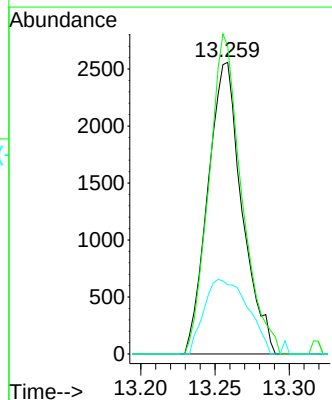
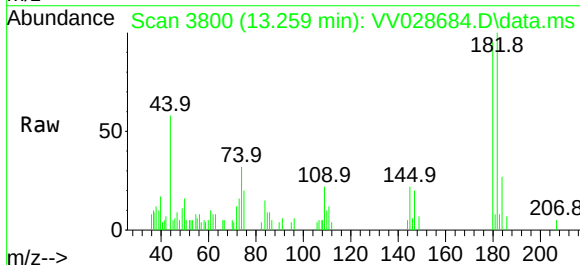


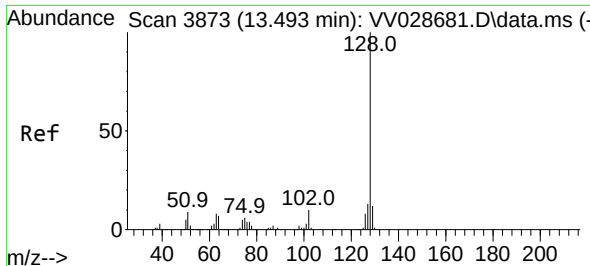
Tgt Ion:180 Resp: 2948
 Ion Ratio Lower Upper
 180 100
 182 97.7 76.6 114.8
 184 28.2 24.3 36.5
 145 33.6 25.2 37.8



#70
 1,2,4-trichlorobenzene
 Concen: 0.634 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.006 min
 Lab File: VV028684.D
 Acq: 25 Oct 2022 12:44

Tgt Ion:180 Resp: 4079
 Ion Ratio Lower Upper
 180 100
 182 105.3 74.7 112.1
 145 32.7 25.5 38.3

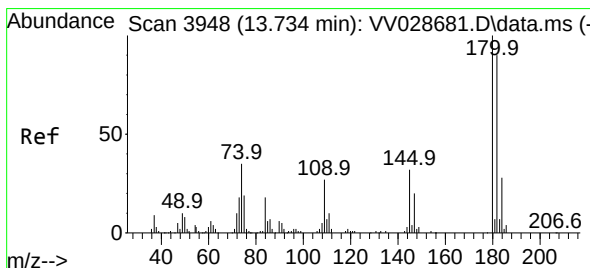
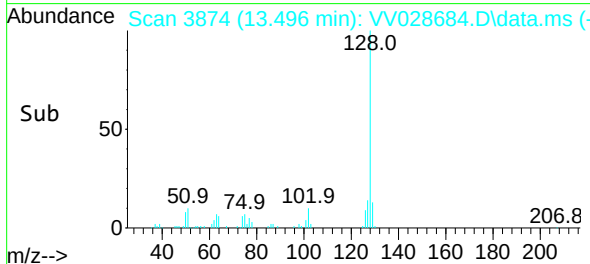
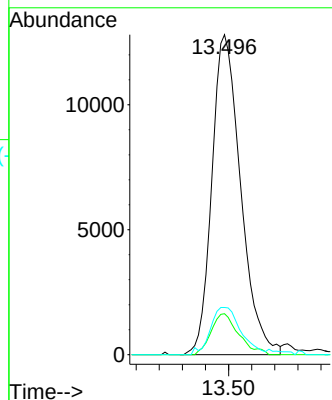
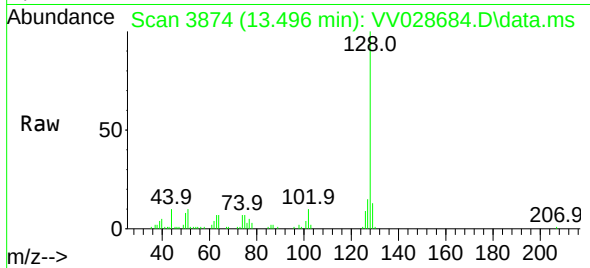




#71
Naphthalene
Concen: 2.025 ug/L
RT: 13.496 min Scan# 3873
Delta R.T. 0.003 min
Lab File: VV028684.D
Acq: 25 Oct 2022 12:44

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 22190
Ion Ratio Lower Upper
128 100
129 12.3 8.9 13.3
127 15.5 10.2 15.4#



#72
1,2,3-Trichlorobenzene
Concen: 0.858 ug/L
RT: 13.738 min Scan# 3949
Delta R.T. 0.003 min
Lab File: VV028684.D
Acq: 25 Oct 2022 12:44

Tgt Ion:180 Resp: 4833
Ion Ratio Lower Upper
180 100
182 107.2 73.4 110.0
145 34.0 26.3 39.5

