

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021123\Not Reviewed Data\
 Data File : VX034102.D
 Acq On : 09 Feb 2023 13:43
 Operator : JC/MD
 Sample : 01462-13
 Misc : 1.20g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOT-VOC-GRAB-12

Quant Time: Feb 09 17:15:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

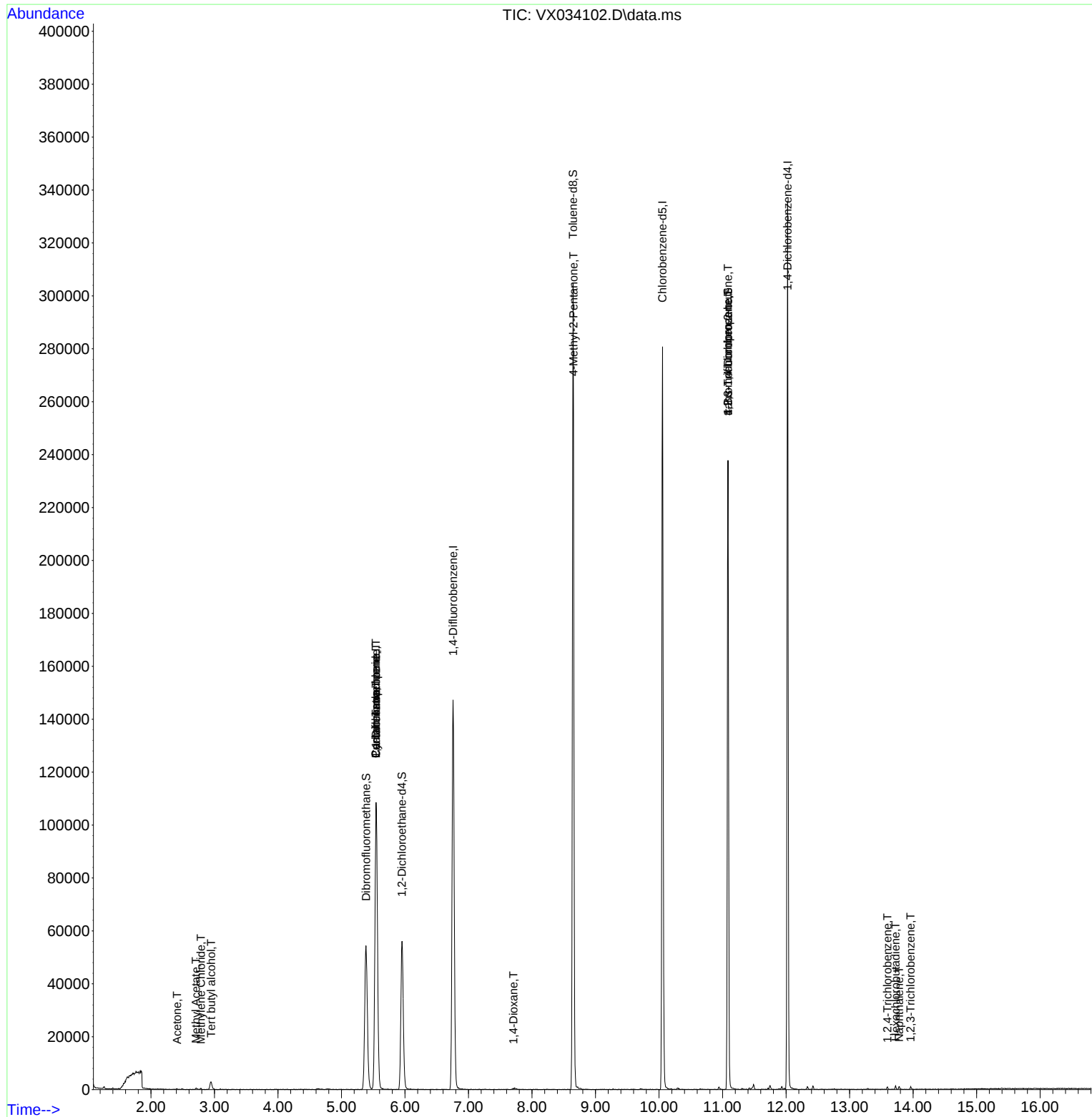
Internal Standards						
1) Pentafluorobenzene	5.544	168	117448	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	161926	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	55704	49.197	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.400%
35) Dibromofluoromethane	5.385	113	47656	46.243	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.480%
50) Toluene-d8	8.647	98	181574	48.902	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.800%
62) 4-Bromofluorobenzene	11.085	95	65132	49.115	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.240%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	1963	12.375	ug/l #	86
16) Acetone	2.410	43	272	0.569	ug/l #	47
18) Methyl Acetate	2.709	43	668	0.449	ug/l #	88
20) Methylene Chloride	2.788	84	226	0.207	ug/l #	94
31) Cyclohexane	5.544	56	1563	0.948	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	6763	4.786	ug/l #	49
38) Carbon Tetrachloride	5.544	117	10034	6.658	ug/l #	15
49) 1,4-Dioxane	7.708	88	375	18.382	ug/l #	62
51) 4-Methyl-2-Pentanone	8.653	43	635	0.493	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	30756	23.661	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.085	75	30756	72.867	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.597	180	382	0.215	ug/l	97
94) Hexachlorobutadiene	13.725	225	358	0.408	ug/l	90
95) Naphthalene	13.780	128	1060	0.217	ug/l #	91
96) 1,2,3-Trichlorobenzene	13.963	180	384	0.216	ug/l	91

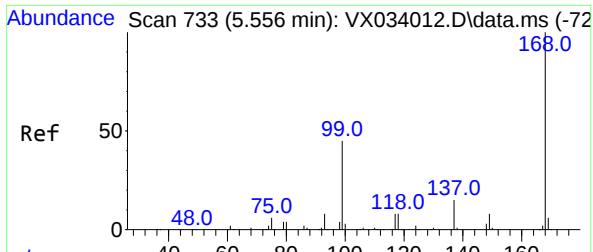
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021123\Not Reviewed Data\
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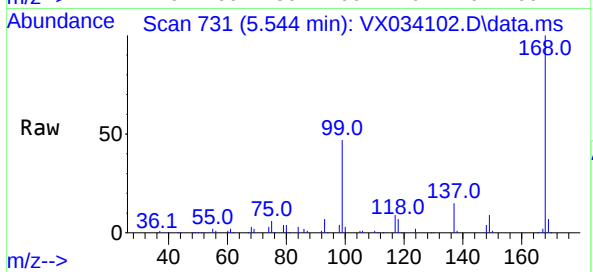
Quant Time: Feb 09 17:15:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 03 23:25:45 2023
Response via : Initial Calibration



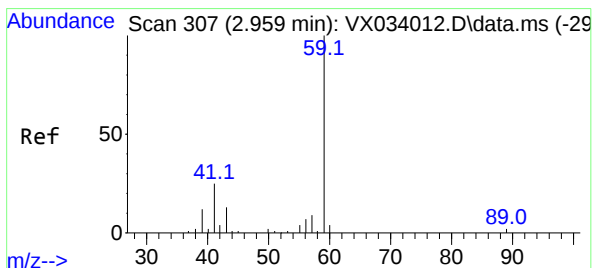
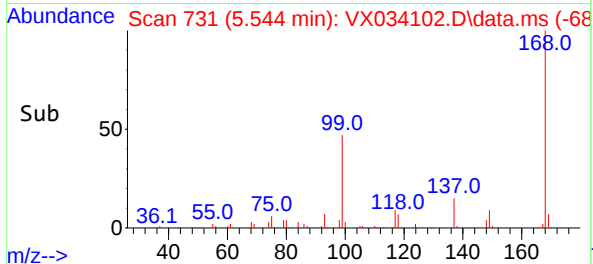
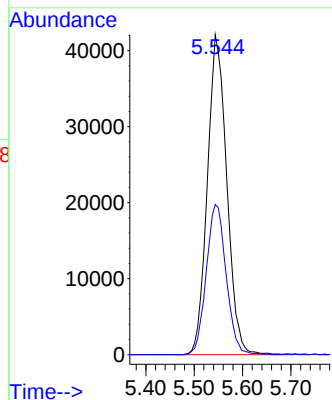


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX034102.D
Acq: 09 Feb 2023 13:43

Instrument :
MSVOA_X
ClientSampleId :
TOT-VOC-GRAB-12

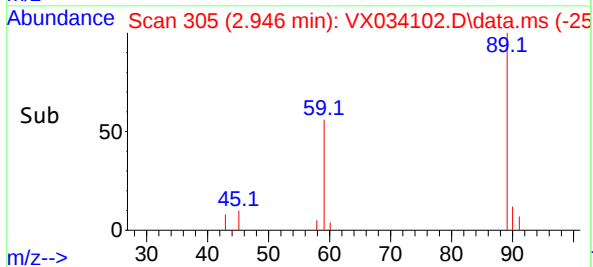
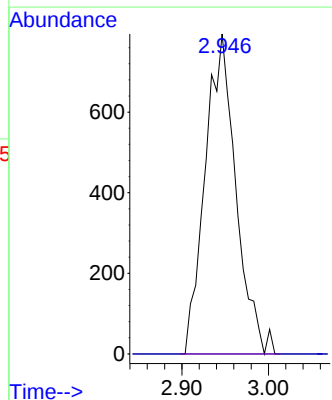
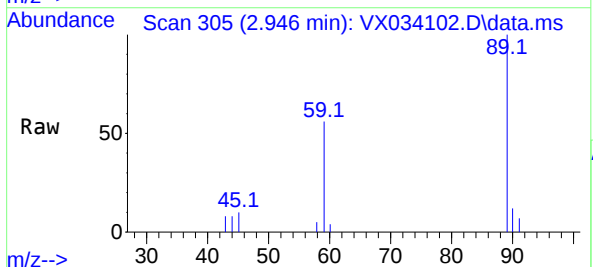


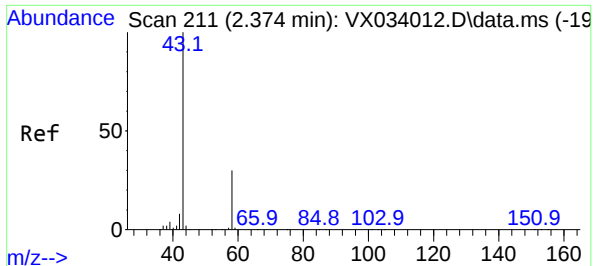
Tgt Ion:168 Resp: 117448
Ion Ratio Lower Upper
168 100
99 46.9 39.6 59.4



#11
Tert butyl alcohol
Concen: 12.375 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX034102.D
Acq: 09 Feb 2023 13:43

Tgt Ion: 59 Resp: 1963
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

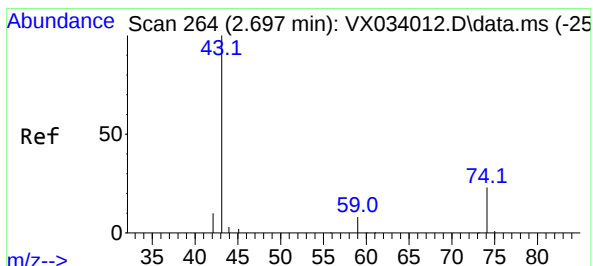
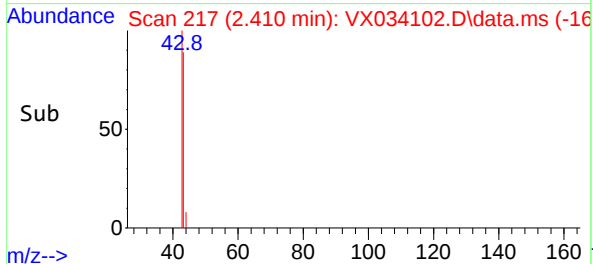
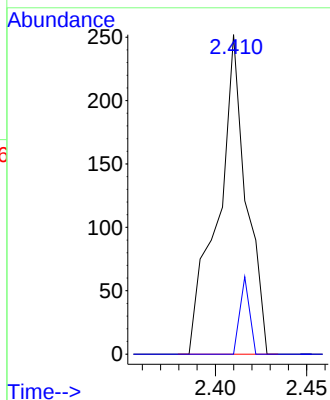
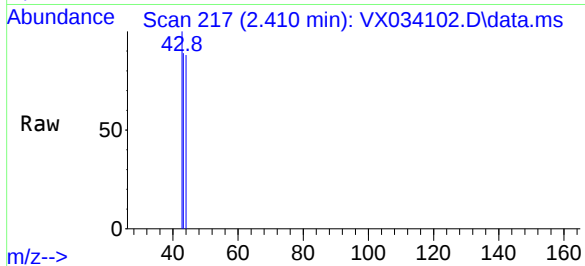




#16
Acetone
Concen: 0.569 ug/l
RT: 2.410 min Scan# 211
Delta R.T. 0.036 min
Lab File: VX034102.D
Acq: 09 Feb 2023 13:43

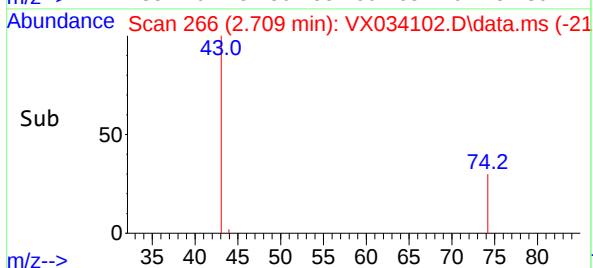
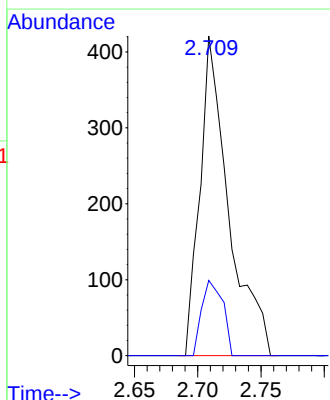
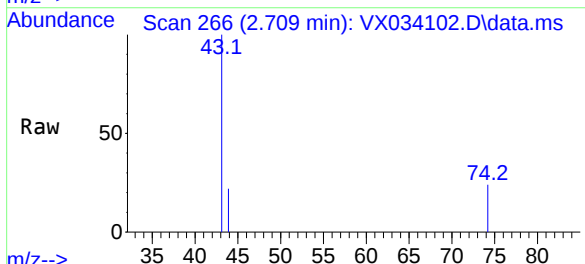
Instrument :
MSVOA_X
ClientSampleId :
TOT-VOC-GRAB-12

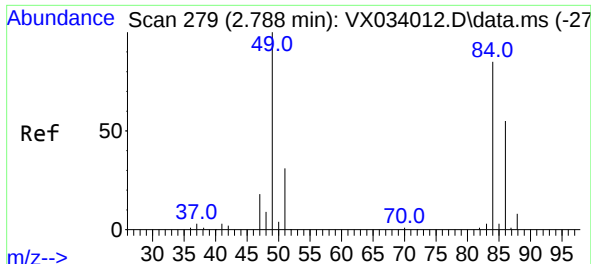
Tgt Ion: 43 Resp: 272
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#



#18
Methyl Acetate
Concen: 0.449 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX034102.D
Acq: 09 Feb 2023 13:43

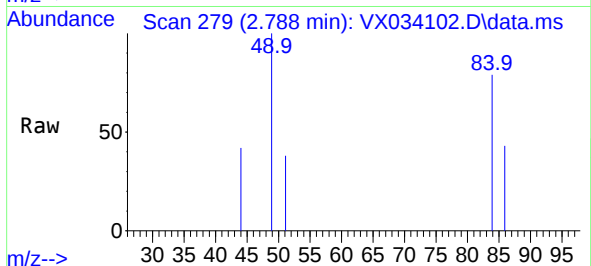
Tgt Ion: 43 Resp: 668
Ion Ratio Lower Upper
43 100
74 17.2 18.2 27.4#





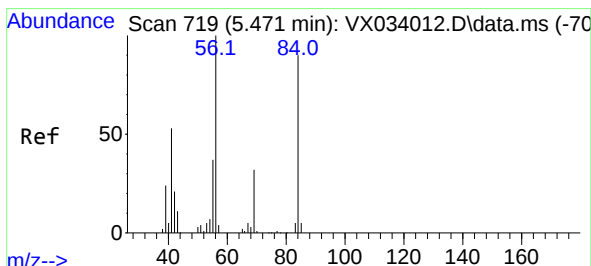
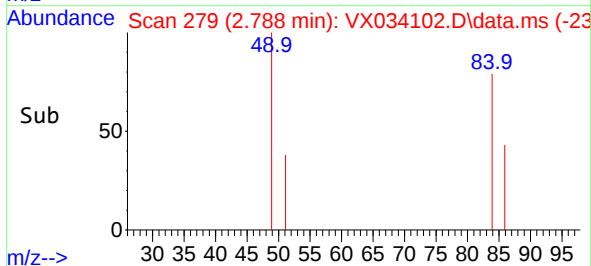
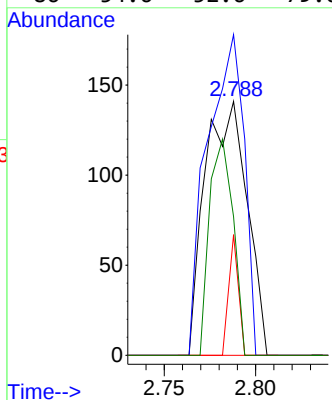
#20
Methylene Chloride
Concen: 0.207 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034102.D
Acq: 09 Feb 2023 13:43

Instrument :
MSVOA_X
ClientSampleId :
TOT-VOC-GRAB-12



Tgt Ion: 84 Resp: 226

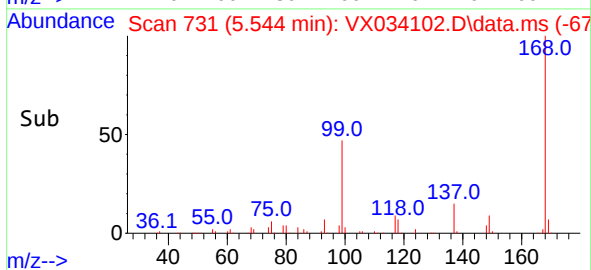
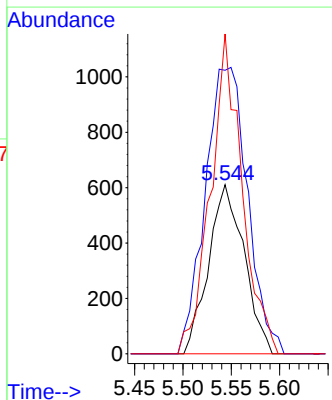
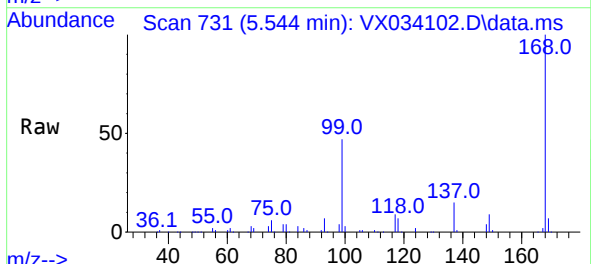
Ion	Ratio	Lower	Upper
84	100		
49	126.2	101.1	151.7
51	47.5	31.0	46.6#
86	54.6	52.6	79.0

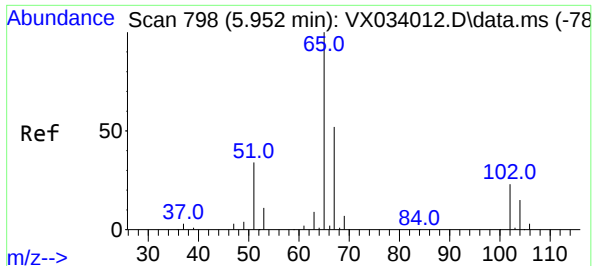


#31
Cyclohexane
Concen: 0.948 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX034102.D
Acq: 09 Feb 2023 13:43

Tgt Ion: 56 Resp: 1563

Ion	Ratio	Lower	Upper
56	100		
69	167.6	24.6	37.0#
84	189.0	71.0	106.6#

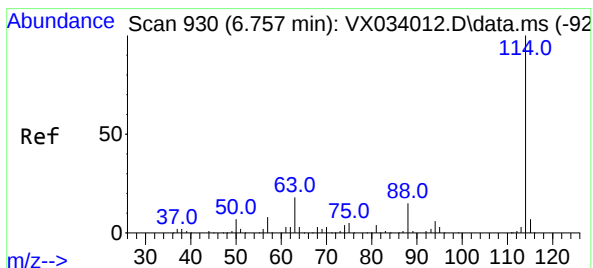
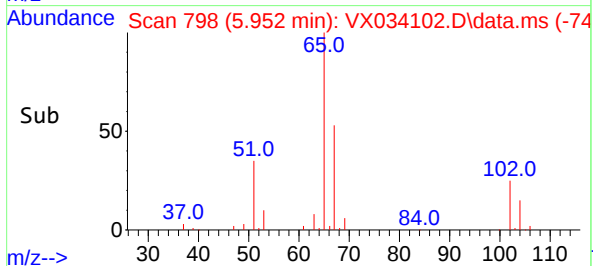
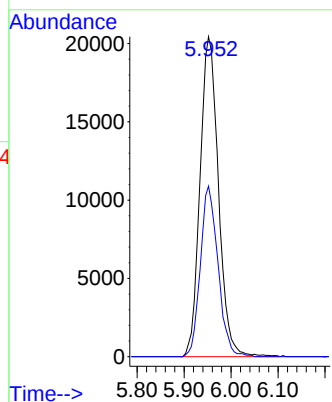
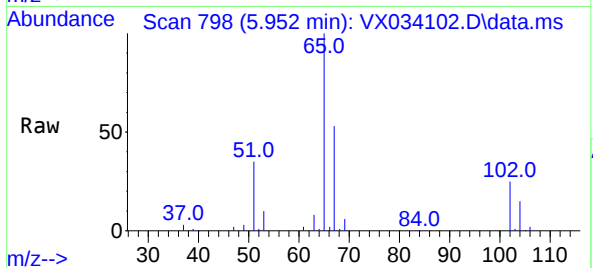




#33
1,2-Dichloroethane-d4
Concen: 49.197 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX034102.D
Acq: 09 Feb 2023 13:43

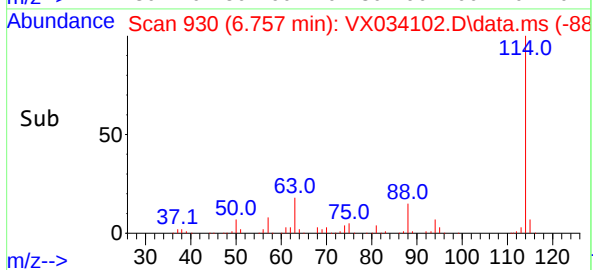
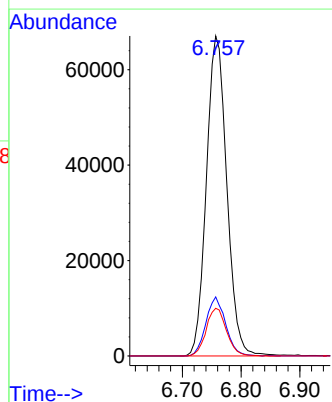
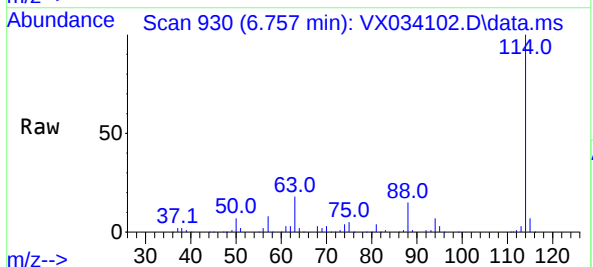
Instrument :
MSVOA_X
ClientSampleId :
TOT-VOC-GRAB-12

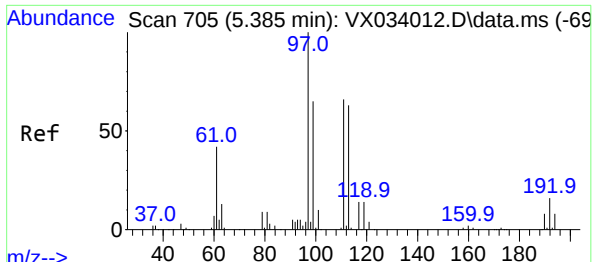
Tgt Ion: 65 Resp: 55704
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX034102.D
Acq: 09 Feb 2023 13:43

Tgt Ion: 114 Resp: 161926
Ion Ratio Lower Upper
114 100
63 18.4 0.0 37.4
88 14.9 0.0 30.6

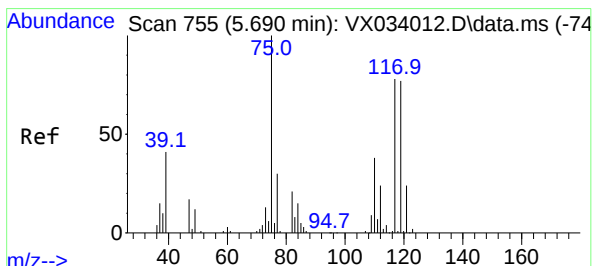
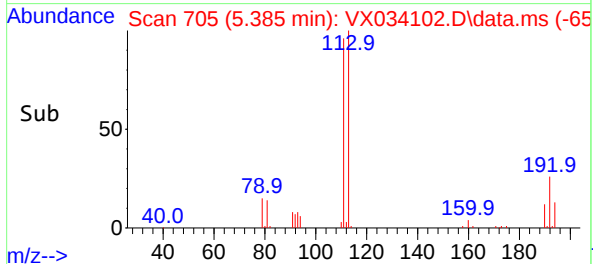
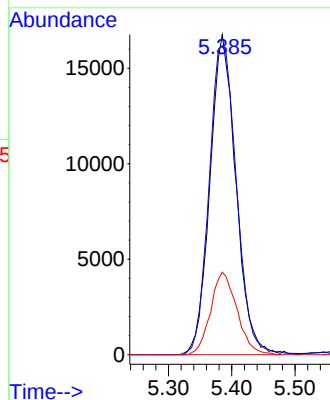
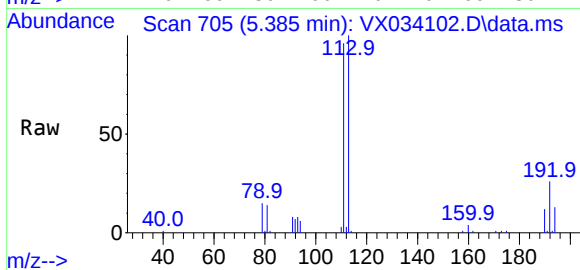




#35
Dibromofluoromethane
Concen: 46.243 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034102.D
Acq: 09 Feb 2023 13:43

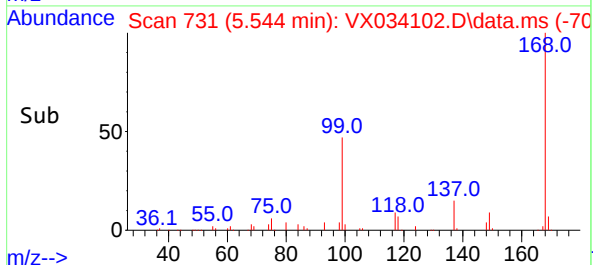
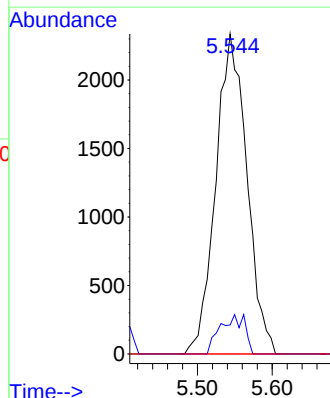
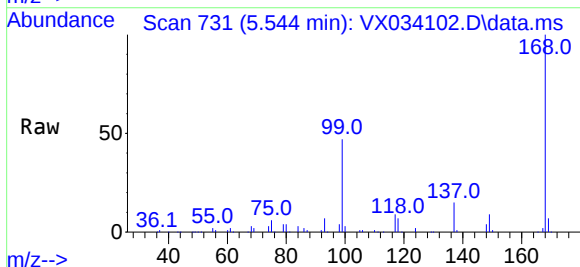
Instrument :
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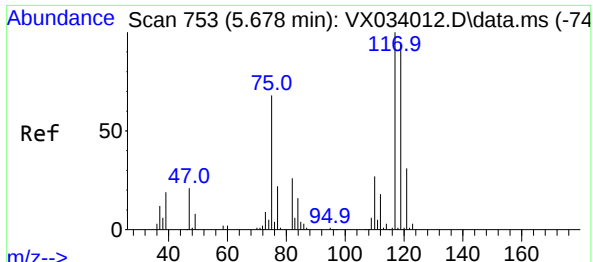
Tgt Ion:113 Resp: 47656
Ion Ratio Lower Upper
113 100
111 102.8 83.0 124.6
192 26.2 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.786 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.147 min
Lab File: VX034102.D
Acq: 09 Feb 2023 13:43

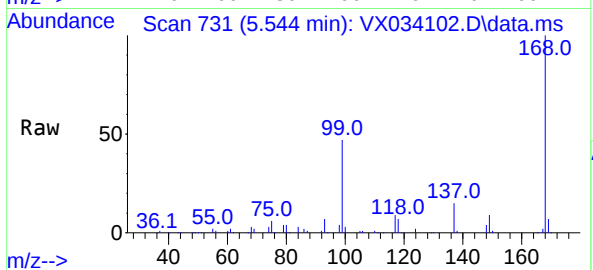
Tgt Ion: 75 Resp: 6763
Ion Ratio Lower Upper
75 100
110 9.7 18.8 56.4#
77 0.0 25.1 37.7#



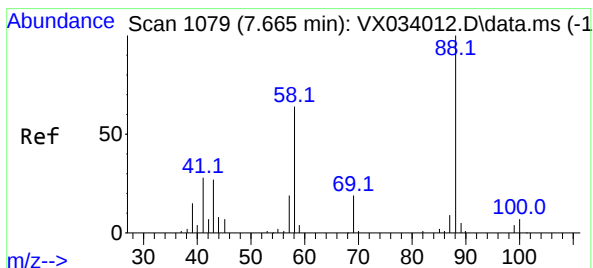
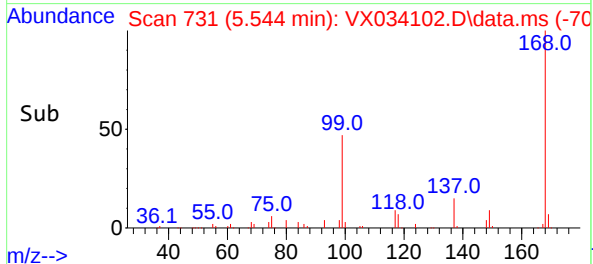
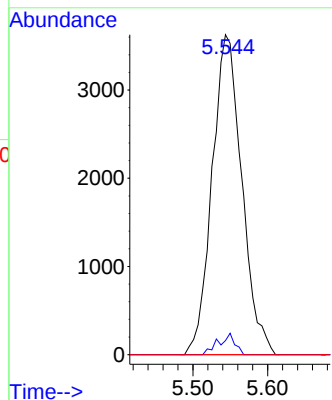


#38
Carbon Tetrachloride
Concen: 6.658 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX034102.D
Acq: 09 Feb 2023 13:43

Instrument :
MSVOA_X
ClientSampleId :
TOT-VOC-GRAB-12

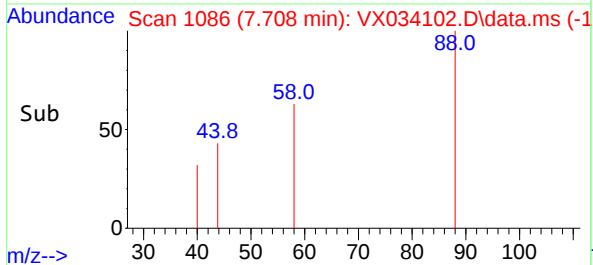
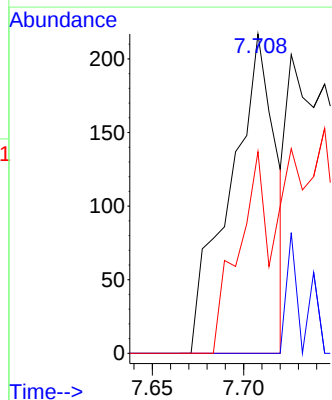
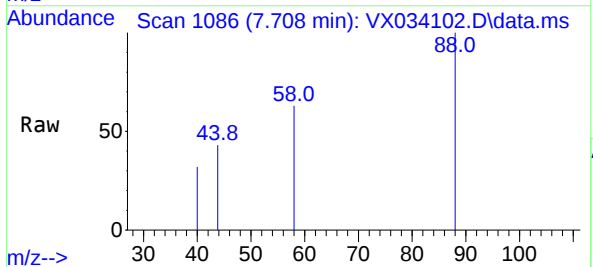


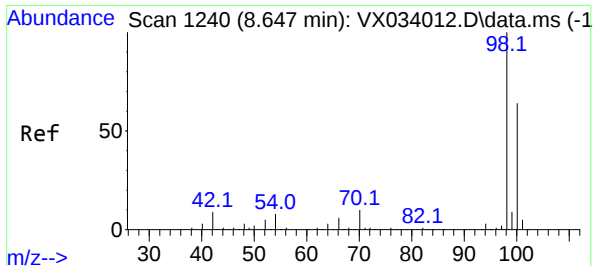
Tgt Ion:117 Resp: 10034
Ion Ratio Lower Upper
117 100
119 4.4 78.0 117.0#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 18.382 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.042 min
Lab File: VX034102.D
Acq: 09 Feb 2023 13:43

Tgt Ion: 88 Resp: 375
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 39.5 56.5 84.7#





#50

Toluene-d8

Concen: 48.902 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034102.D

Acq: 09 Feb 2023 13:43

Instrument :

MSVOA_X

ClientSampleId :

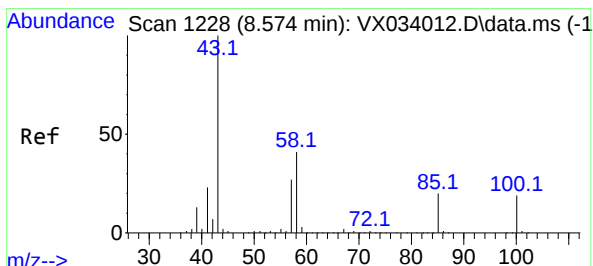
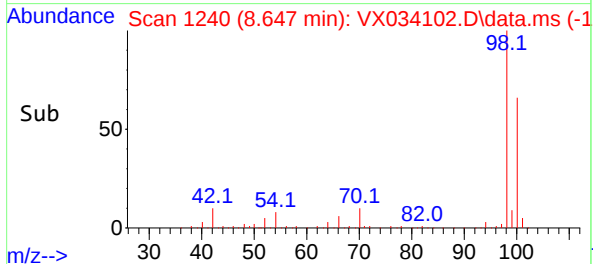
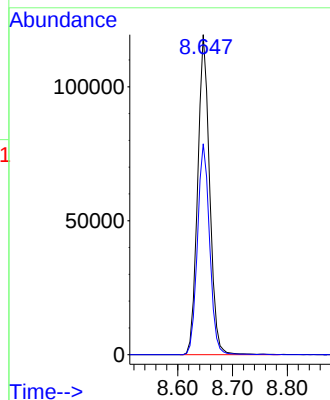
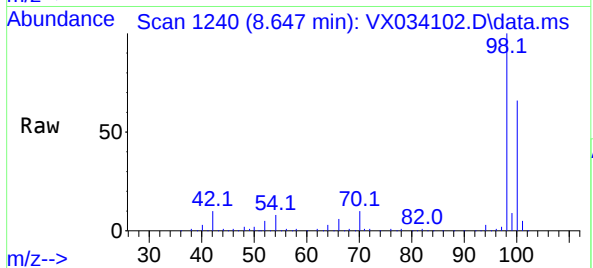
TOT-VOC-GRAB-12

Tgt Ion: 98 Resp: 181574

Ion Ratio Lower Upper

98 100

100 66.9 53.6 80.4



#51

4-Methyl-2-Pentanone

Concen: 0.493 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX034102.D

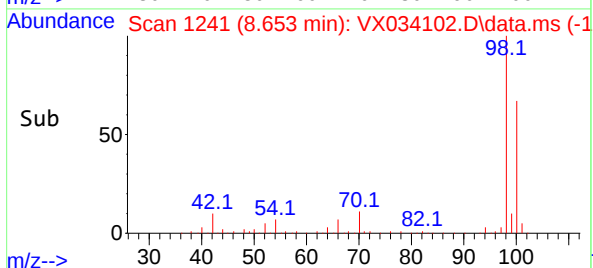
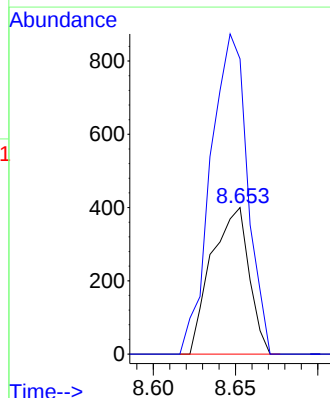
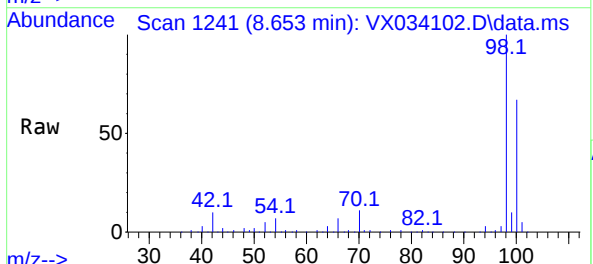
Acq: 09 Feb 2023 13:43

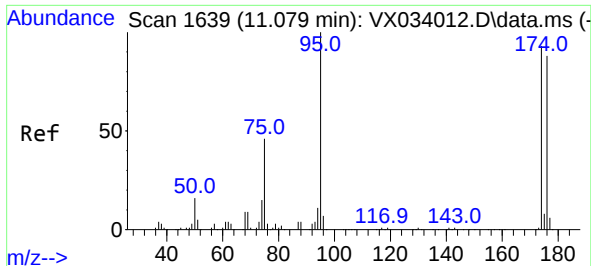
Tgt Ion: 43 Resp: 635

Ion Ratio Lower Upper

43 100

58 214.5 31.2 46.8#

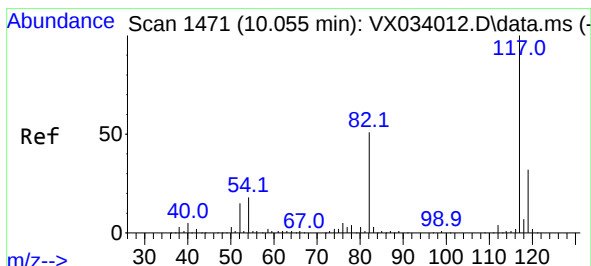
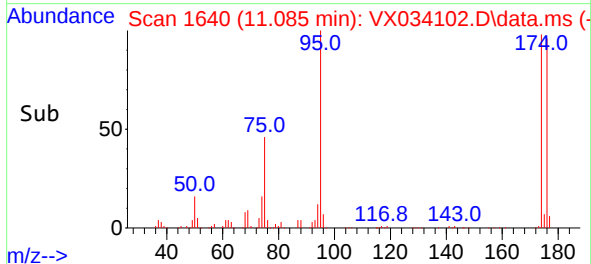
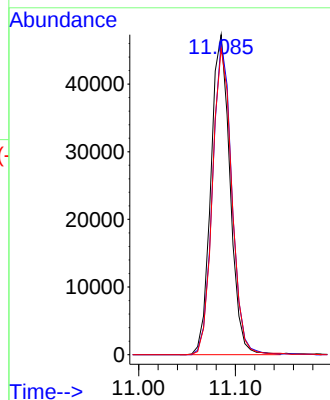
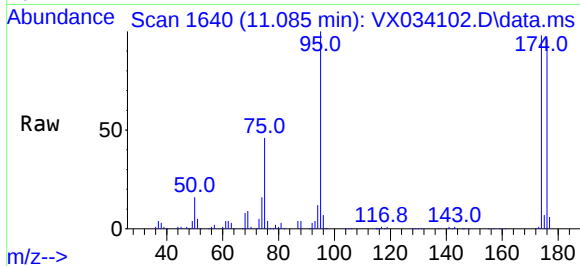




#62
4-Bromofluorobenzene
Concen: 49.115 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX034102.D
Acq: 09 Feb 2023 13:43

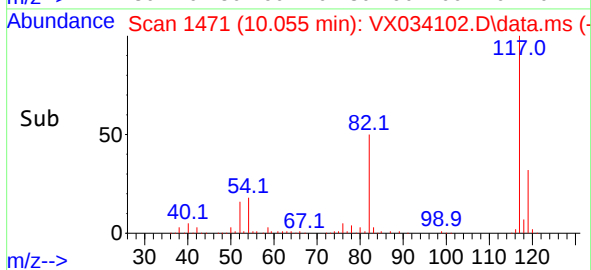
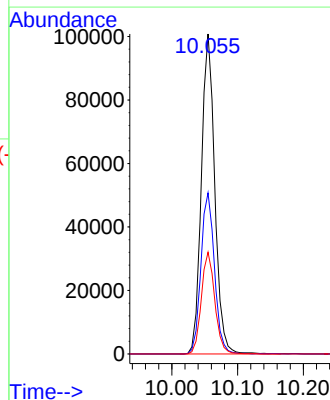
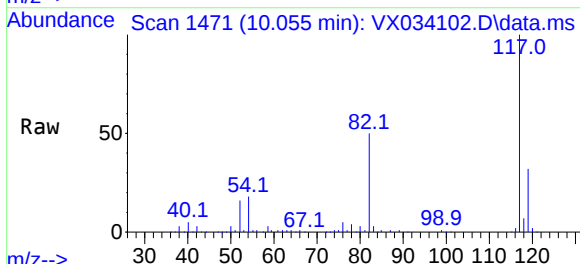
Instrument :
MSVOA_X
ClientSampleId :
TOT-VOC-GRAB-12

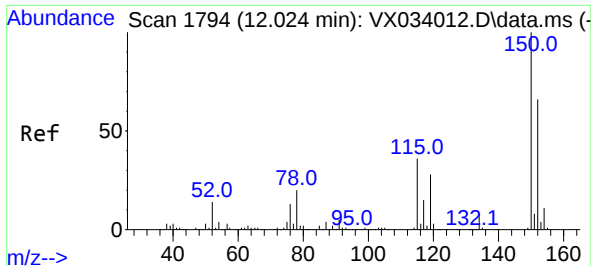
Tgt Ion: 95 Resp: 65132
Ion Ratio Lower Upper
95 100
174 97.8 0.0 184.4
176 96.4 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034102.D
Acq: 09 Feb 2023 13:43

Tgt Ion: 117 Resp: 142986
Ion Ratio Lower Upper
117 100
82 50.4 40.6 60.8
119 31.8 25.6 38.4

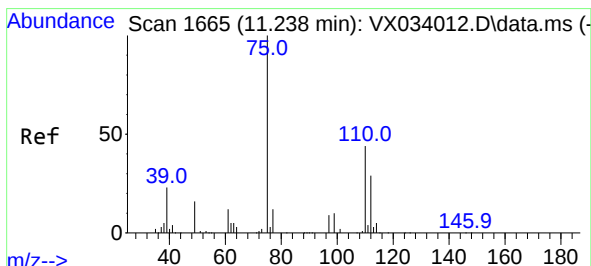
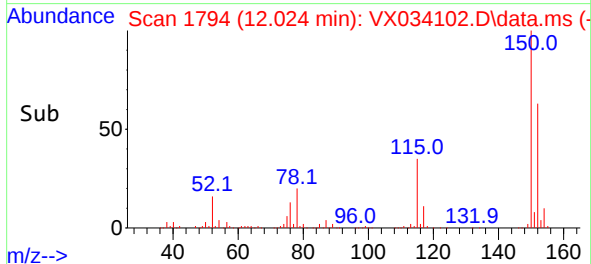
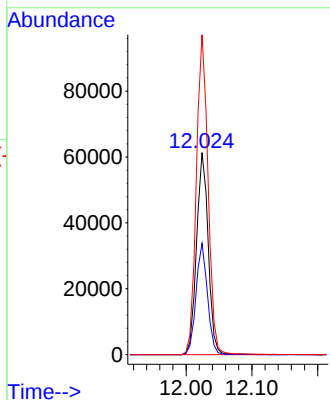
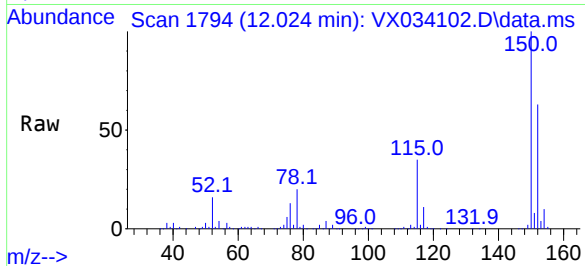




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034102.D
Acq: 09 Feb 2023 13:43

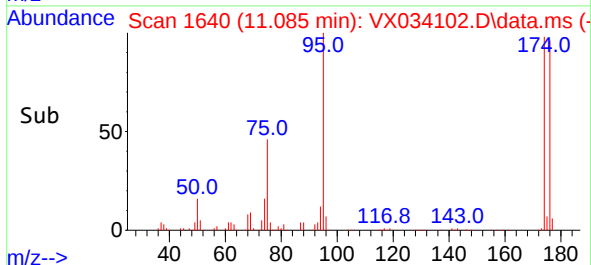
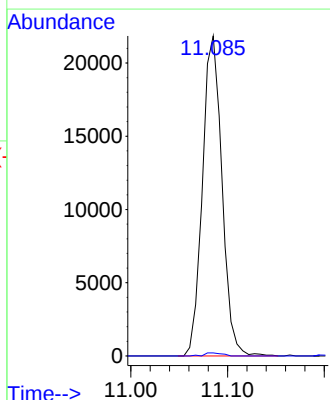
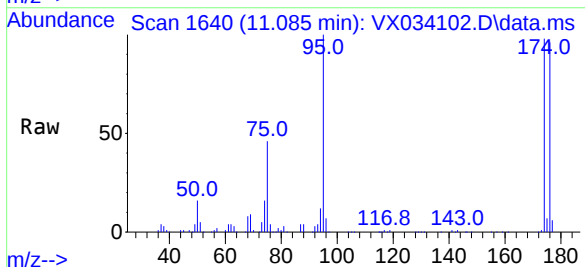
Instrument :
MSVOA_X
ClientSampleId :
TOT-VOC-GRAB-12

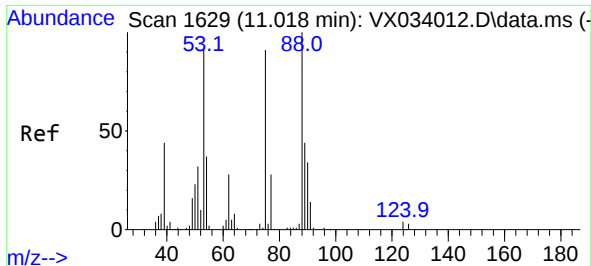
Tgt Ion:152 Resp: 75702
Ion Ratio Lower Upper
152 100
115 53.9 38.7 116.1
150 158.7 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 23.661 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.153 min
Lab File: VX034102.D
Acq: 09 Feb 2023 13:43

Tgt Ion: 75 Resp: 30756
Ion Ratio Lower Upper
75 100
77 0.9 21.8 65.4#

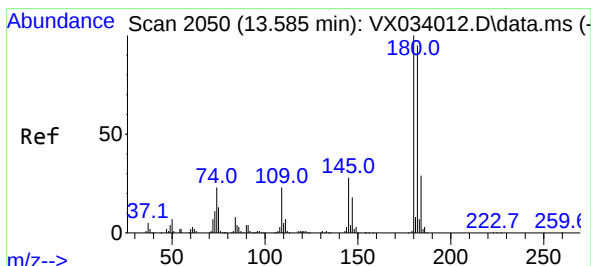
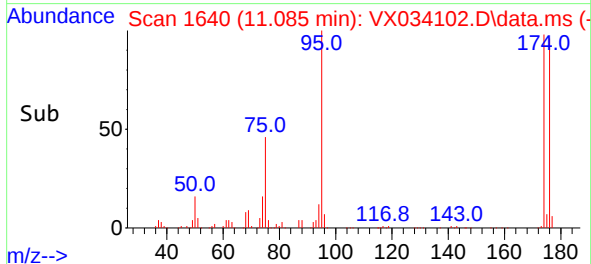
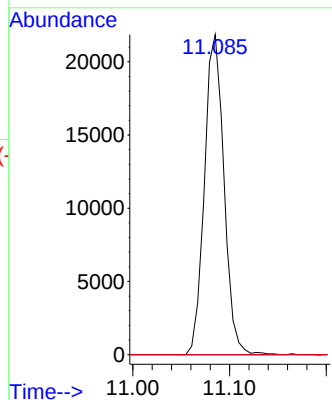
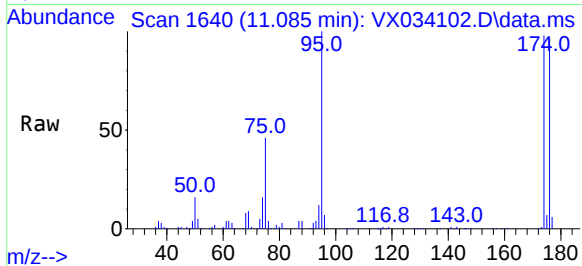




#81
trans-1,4-Dichloro-2-butene
Concen: 72.867 ug/l
RT: 11.085 min Scan# 11085
Delta R.T. 0.067 min
Lab File: VX034102.D
Acq: 09 Feb 2023 13:43

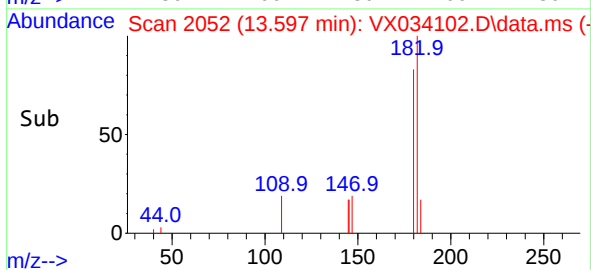
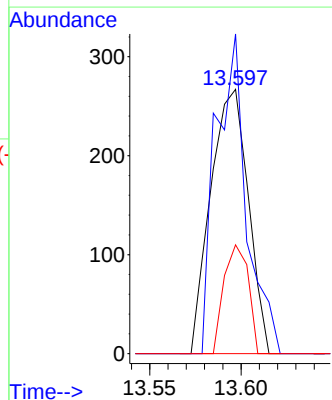
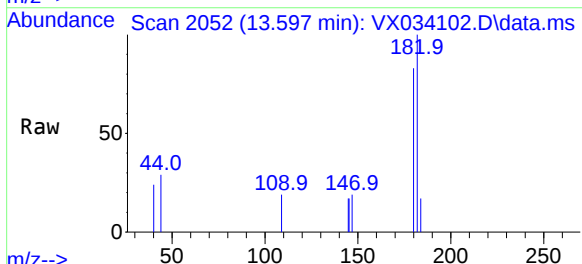
Instrument :
MSVOA_X
ClientSampleId :
TOT-VOC-GRAB-12

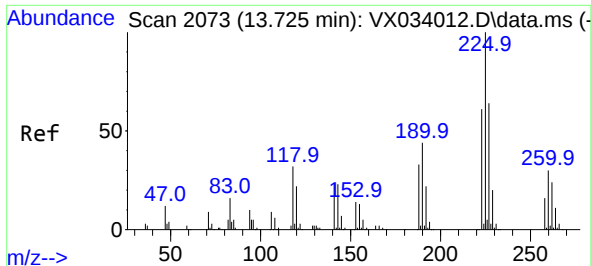
Tgt Ion: 75 Resp: 30756
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.215 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX034102.D
Acq: 09 Feb 2023 13:43

Tgt Ion: 180 Resp: 382
Ion Ratio Lower Upper
180 100
182 98.4 47.9 143.6
145 26.7 14.1 42.2

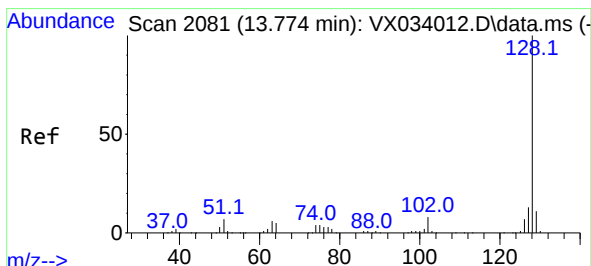
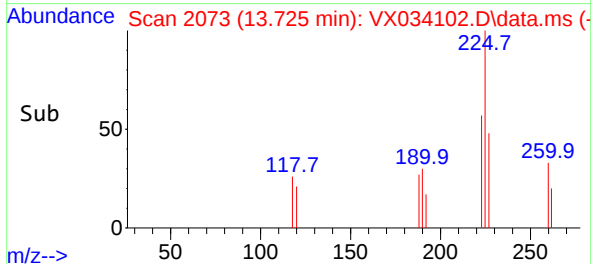
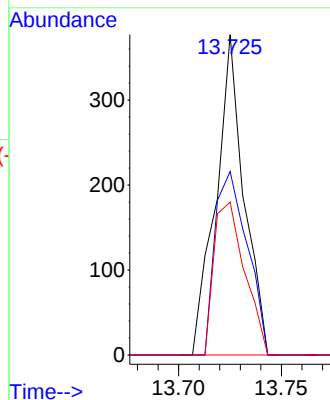
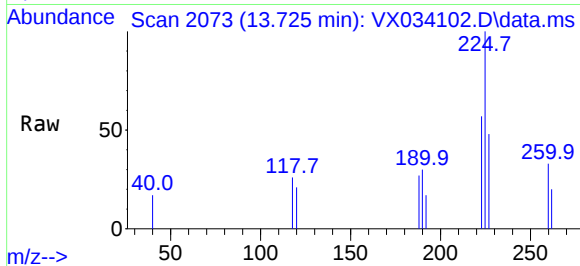




#94
Hexachlorobutadiene
Concen: 0.408 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX034102.D
Acq: 09 Feb 2023 13:43

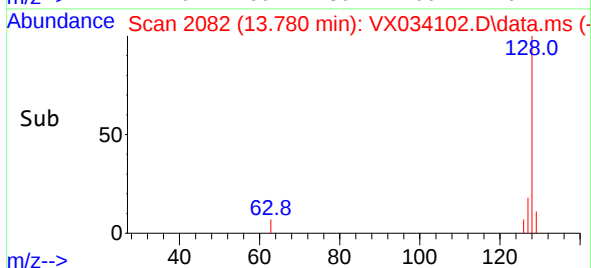
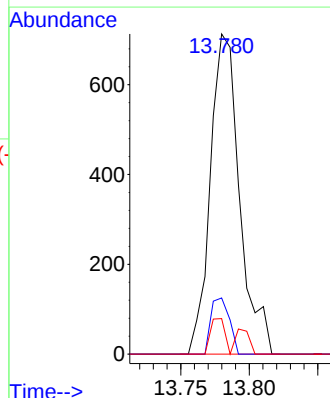
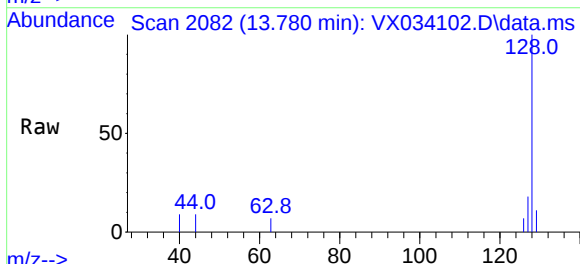
Instrument :
MSVOA_X
ClientSampleId :
TOT-VOC-GRAB-12

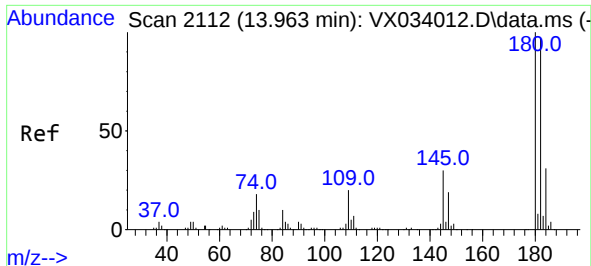
Tgt Ion:	225	Resp:	358
Ion	Ratio	Lower	Upper
225	100		
223	65.9	31.3	93.9
227	52.2	32.3	96.9



#95
Naphthalene
Concen: 0.217 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX034102.D
Acq: 09 Feb 2023 13:43

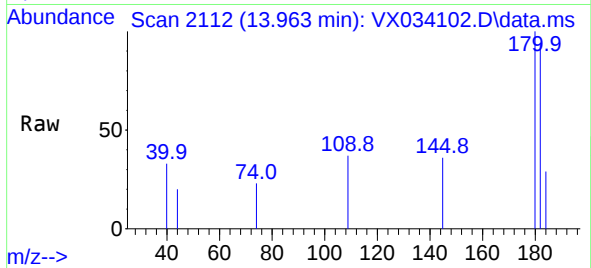
Tgt Ion:	128	Resp:	1060
Ion	Ratio	Lower	Upper
128	100		
127	11.0	10.3	15.5
129	5.4	8.7	13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.216 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX034102.D
 Acq: 09 Feb 2023 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 TOT-VOC-GRAB-12



Tgt Ion:180 Resp: 384

Ion	Ratio	Lower	Upper
180	100		
182	99.5	47.6	142.9
145	16.7	15.1	45.3

