

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062123\
 Data File : VX036267.D
 Acq On : 21 Jun 2023 13:48
 Operator : JC/MD
 Sample : 03331-13
 Misc : 18.76g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOTAL-VOC-SB17-GRAB-7

Quant Time: Jun 22 05:01:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

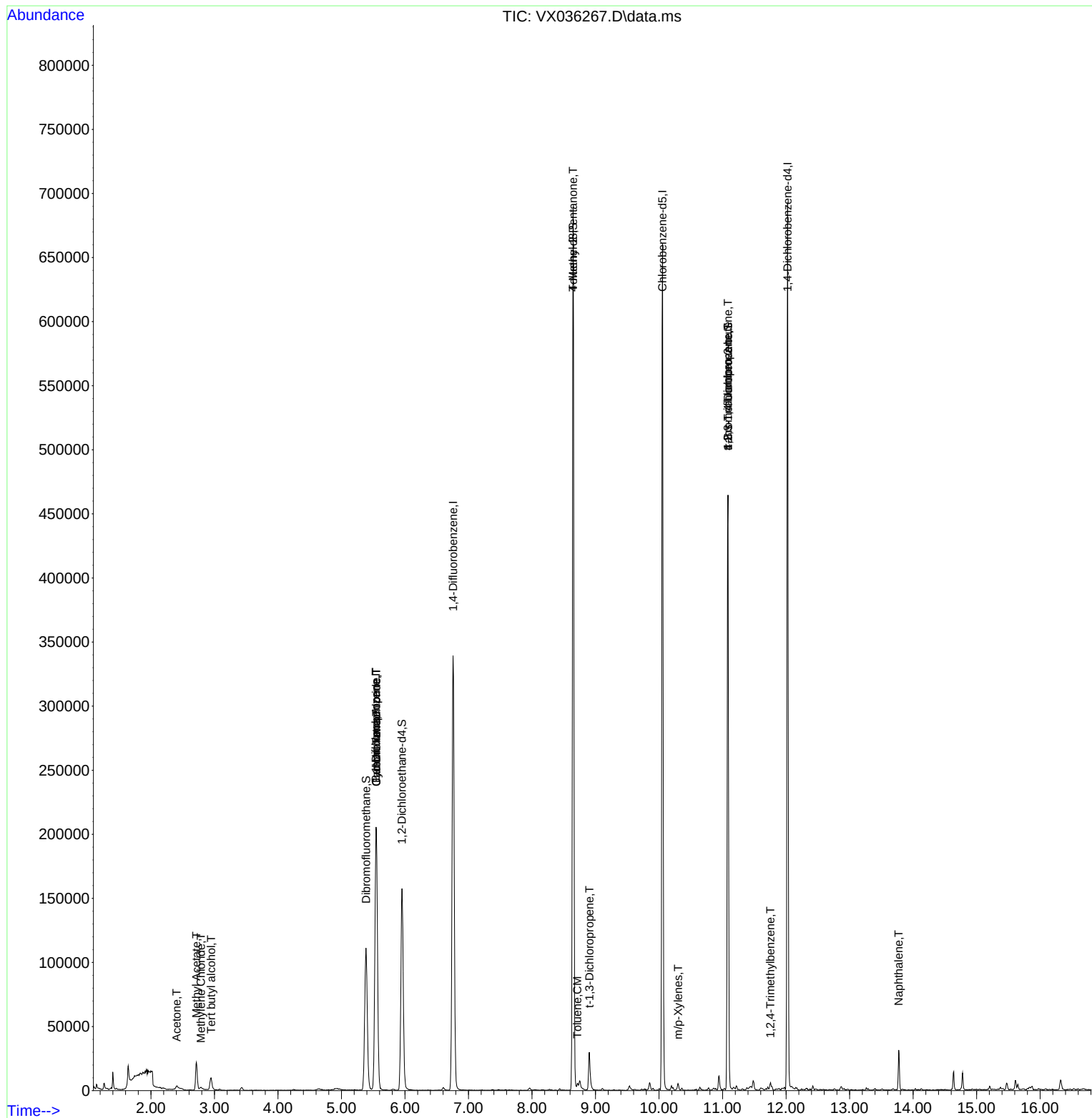
Internal Standards						
1) Pentafluorobenzene	5.544	168	185518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	330888	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	286717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	144258	42.551	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.100%		
35) Dibromofluoromethane	5.385	113	95935	42.755	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.520%		
50) Toluene-d8	8.647	98	385668	46.989	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.980%		
62) 4-Bromofluorobenzene	11.085	95	135716	40.963	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	81.920%#		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	6227	12.014	ug/l #	78
16) Acetone	2.404	43	3833	2.721	ug/l #	80
18) Methyl Acetate	2.715	43	28313	5.300	ug/l	97
20) Methylene Chloride	2.788	84	856	0.335	ug/l	90
31) Cyclohexane	5.550	56	4776	1.313	ug/l #	8
36) 1,1-Dichloropropene	5.544	75	17809	5.388	ug/l #	49
38) Carbon Tetrachloride	5.550	117	20413	6.353	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2281	0.613	ug/l #	1
52) Toluene	8.714	92	1662	0.286	ug/l	89
53) t-1,3-Dichloropropene	8.903	75	10622	3.051	ug/l #	43
68) m/p-Xylenes	10.299	106	933	0.233	ug/l	76
76) 1,2,3-Trichloropropane	11.085	75	74107	23.813	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	74107	83.352	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.756	105	2262	0.274	ug/l	96
95) Naphthalene	13.774	128	19082	2.287	ug/l	98

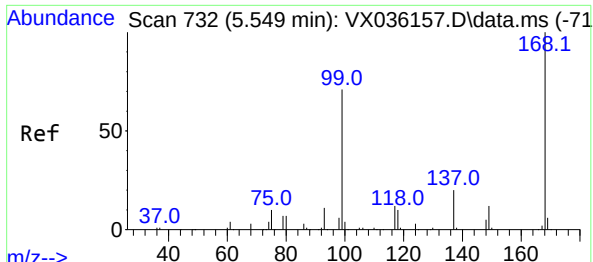
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 16 16:28:40 2023
Response via : Initial Calibration

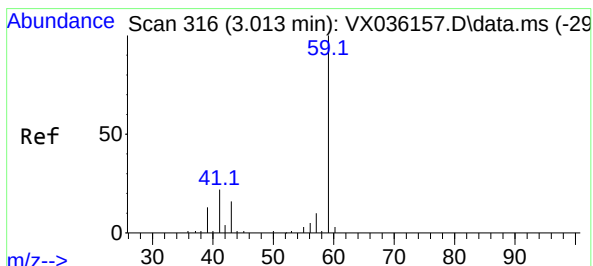
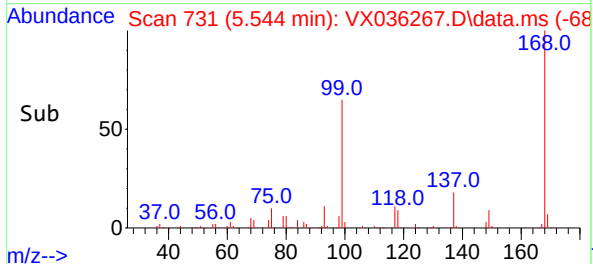
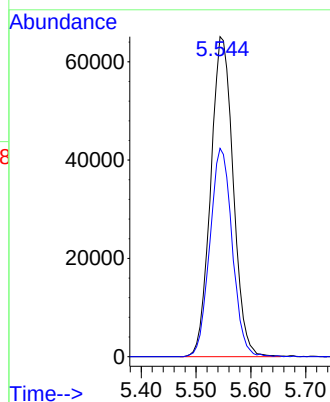
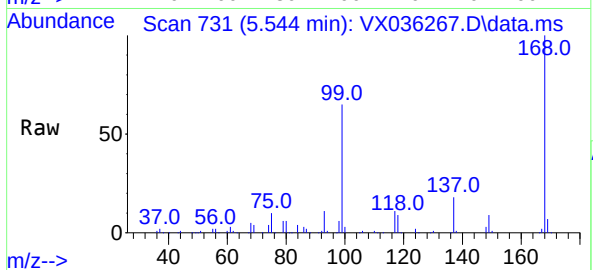




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.005 min
Lab File: VX036267.D
Acq: 21 Jun 2023 13:48

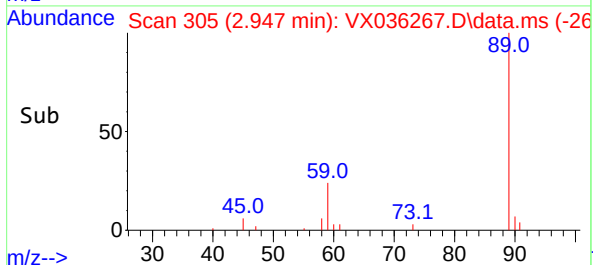
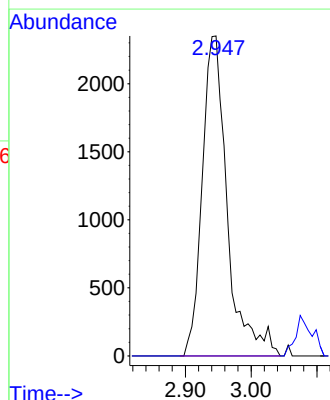
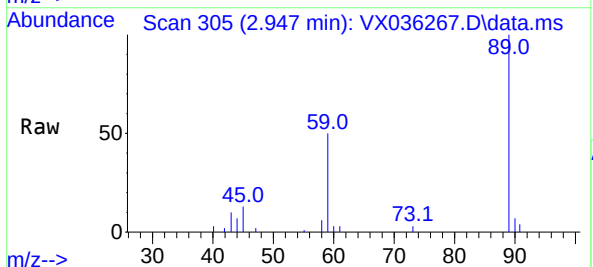
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB17-GRAB-7

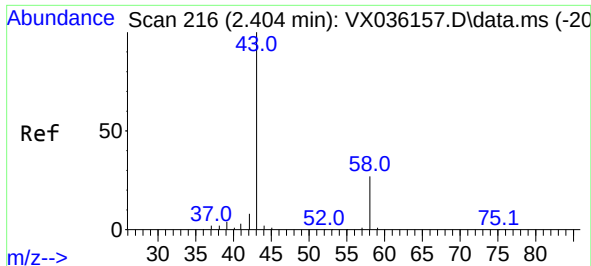
Tgt Ion:168 Resp: 185518
Ion Ratio Lower Upper
168 100
99 65.1 56.6 85.0



#11
Tert butyl alcohol
Concen: 12.014 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.066 min
Lab File: VX036267.D
Acq: 21 Jun 2023 13:48

Tgt Ion: 59 Resp: 6227
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

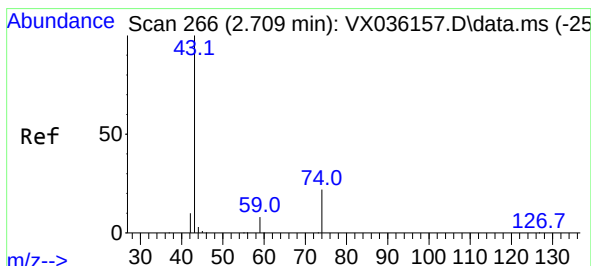
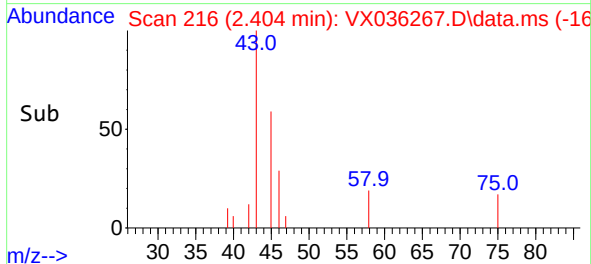
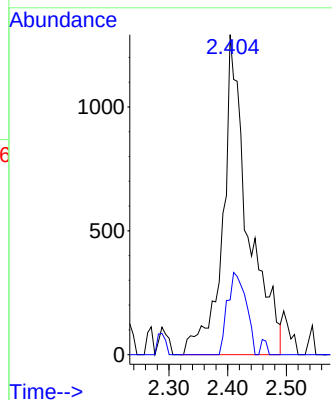
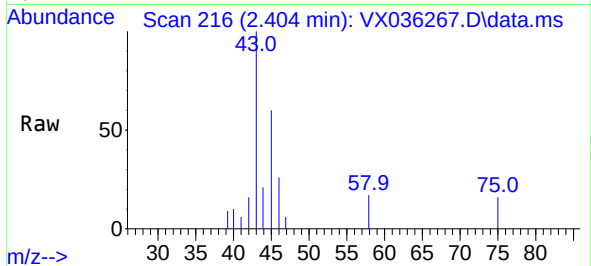




#16
Acetone
Concen: 2.721 ug/l
RT: 2.404 min Scan# 216
Delta R.T. -0.000 min
Lab File: VX036267.D
Acq: 21 Jun 2023 13:48

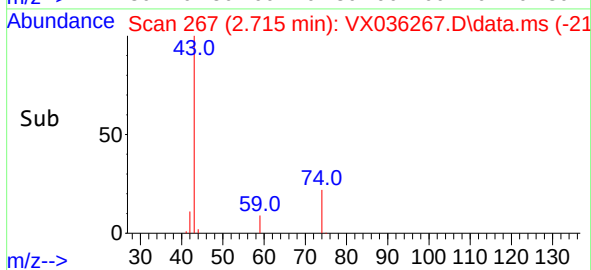
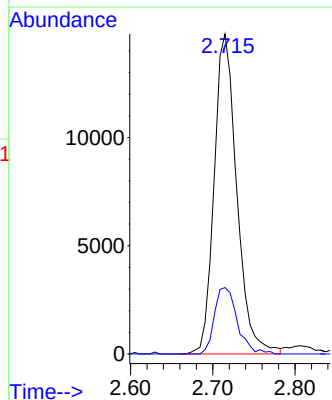
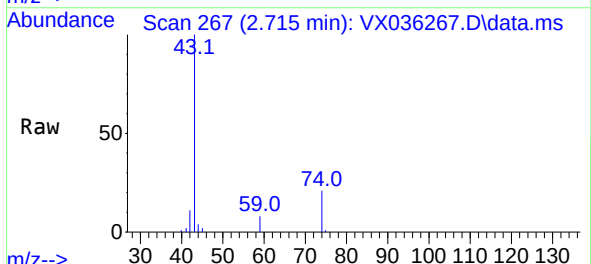
Instrument : MSVOA_X
ClientSampleId : TOTAL-VOC-SB17-GRAB-7

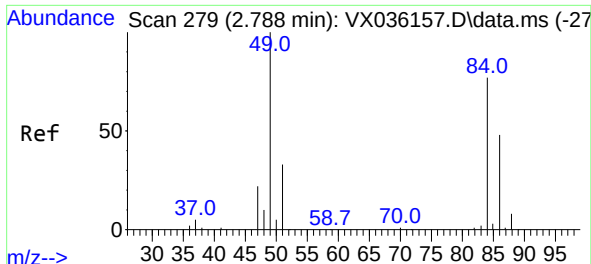
Tgt Ion: 43 Resp: 3833
Ion Ratio Lower Upper
43 100
58 17.1 21.9 32.9#



#18
Methyl Acetate
Concen: 5.300 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX036267.D
Acq: 21 Jun 2023 13:48

Tgt Ion: 43 Resp: 28313
Ion Ratio Lower Upper
43 100
74 20.9 17.8 26.8

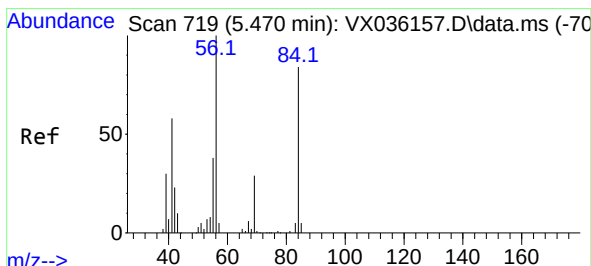
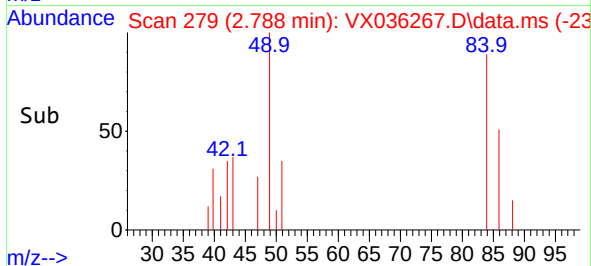
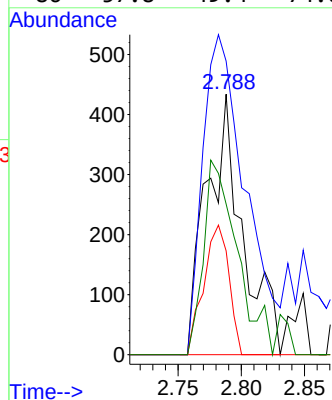
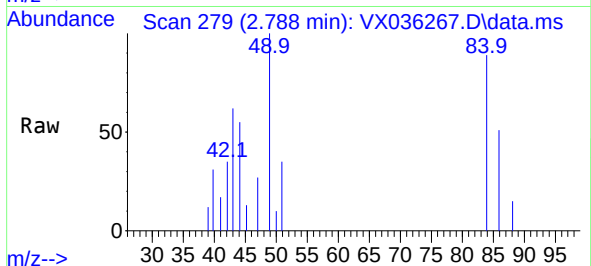




#20
Methylene Chloride
Concen: 0.335 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036267.D
Acq: 21 Jun 2023 13:48

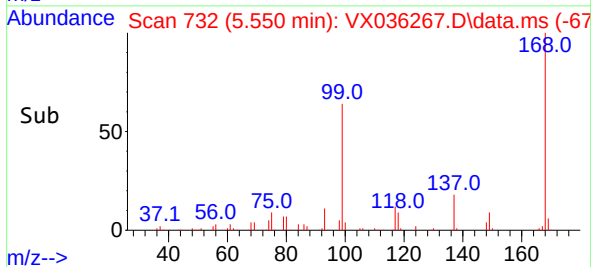
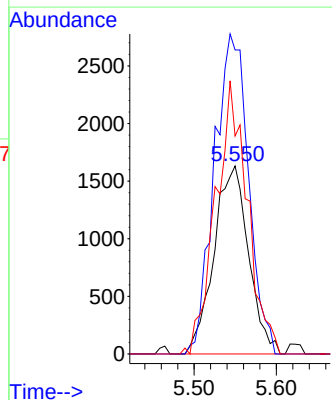
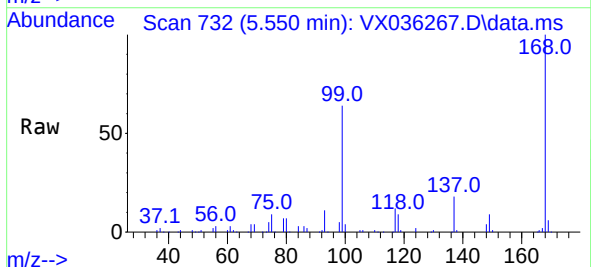
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB17-GRAB-7

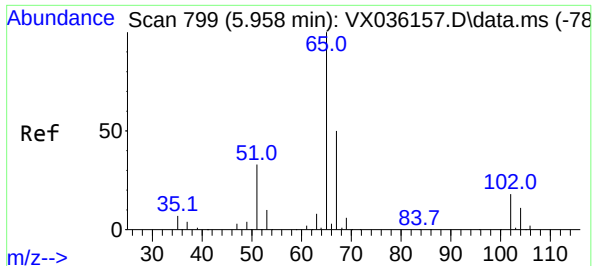
Tgt Ion:	84	Resp:	856
Ion	Ratio	Lower	Upper
84	100		
49	112.7	103.6	155.4
51	39.9	33.8	50.6
86	57.8	49.4	74.0



#31
Cyclohexane
Concen: 1.313 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX036267.D
Acq: 21 Jun 2023 13:48

Tgt Ion:	56	Resp:	4776
Ion	Ratio	Lower	Upper
56	100		
69	161.7	23.4	35.2#
84	115.9	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.551 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036267.D

Acq: 21 Jun 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

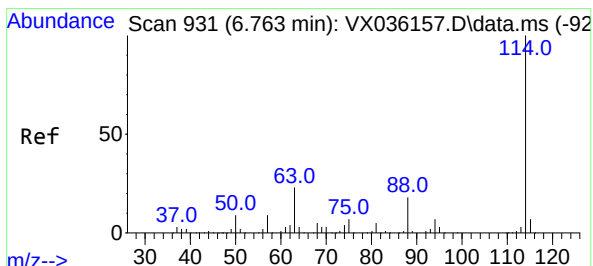
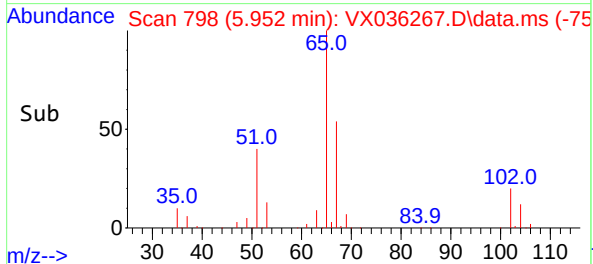
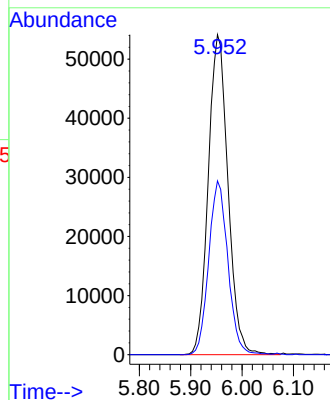
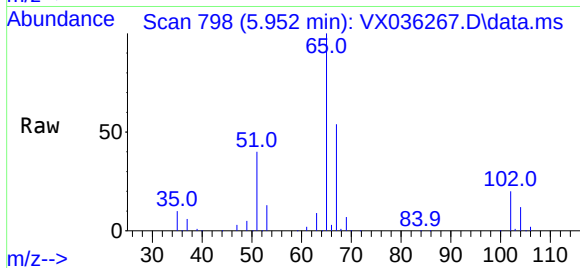
TOTAL-VOC-SB17-GRAB-7

Tgt Ion: 65 Resp: 144258

Ion Ratio Lower Upper

65 100

67 52.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036267.D

Acq: 21 Jun 2023 13:48

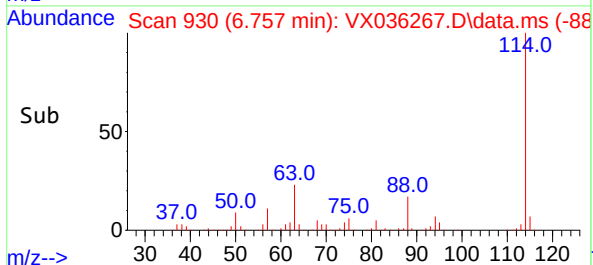
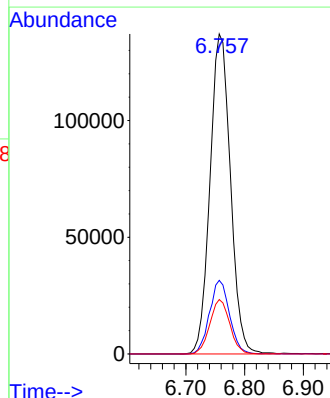
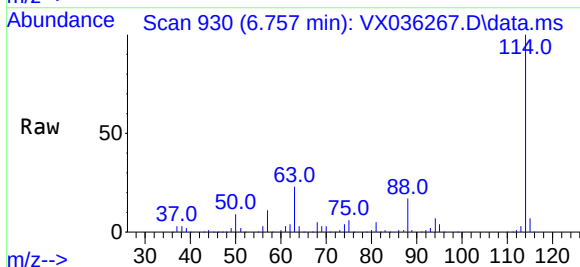
Tgt Ion: 114 Resp: 330888

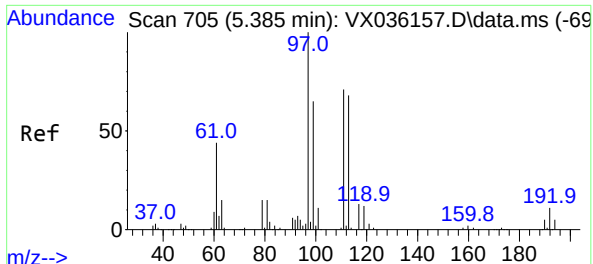
Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.0

88 17.0 0.0 36.6

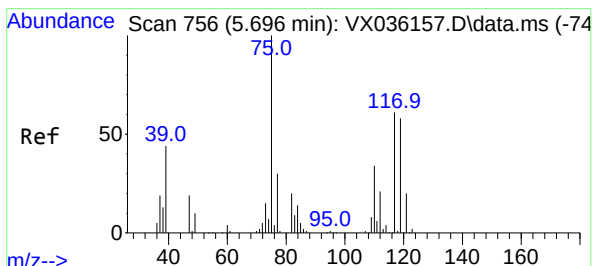
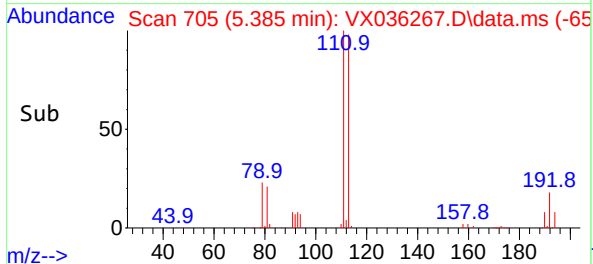
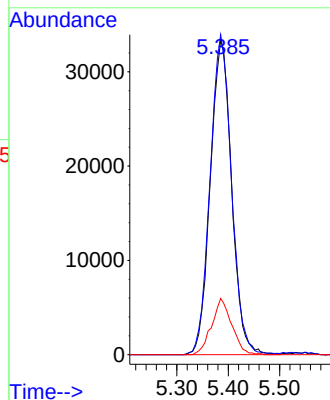
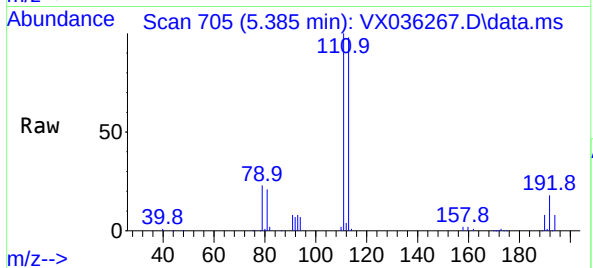




#35
Dibromofluoromethane
Concen: 42.755 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036267.D
Acq: 21 Jun 2023 13:48

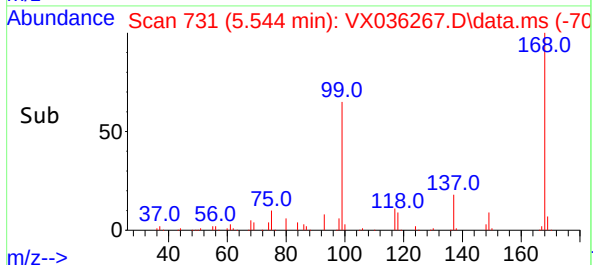
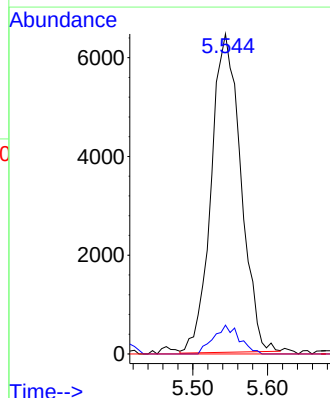
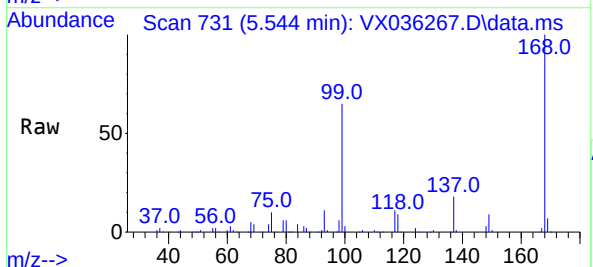
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB17-GRAB-7

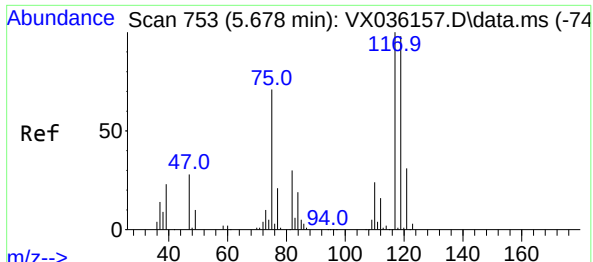
Tgt Ion:113 Resp: 95935
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 16.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.388 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX036267.D
Acq: 21 Jun 2023 13:48

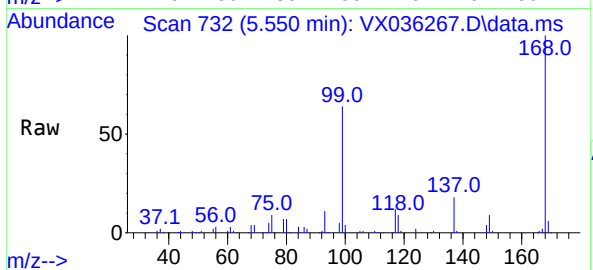
Tgt Ion: 75 Resp: 17809
Ion Ratio Lower Upper
75 100
110 7.9 17.0 50.9#
77 0.0 24.7 37.1#



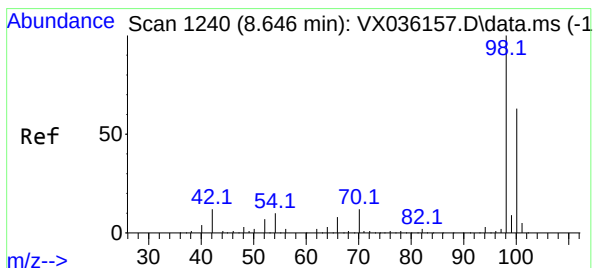
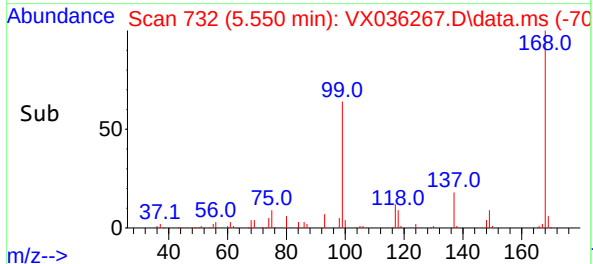
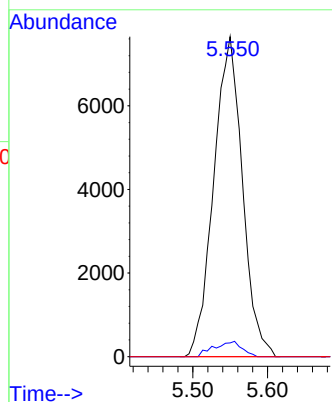


#38
Carbon Tetrachloride
Concen: 6.353 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036267.D
Acq: 21 Jun 2023 13:48

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB17-GRAB-7

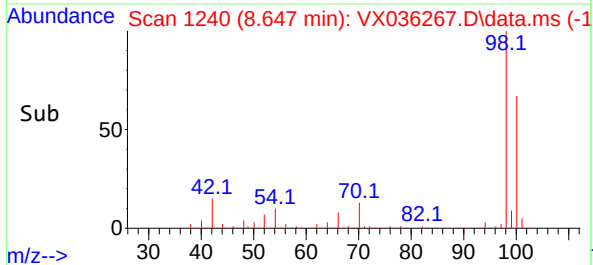
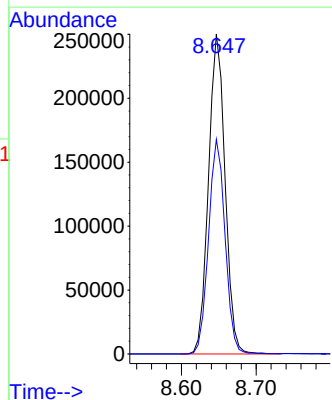
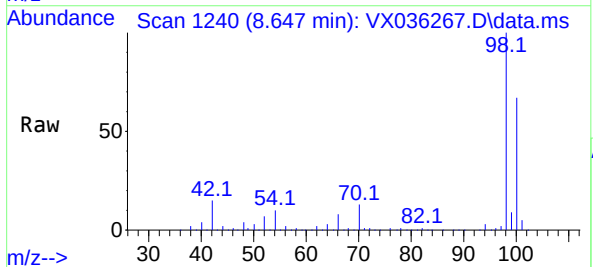


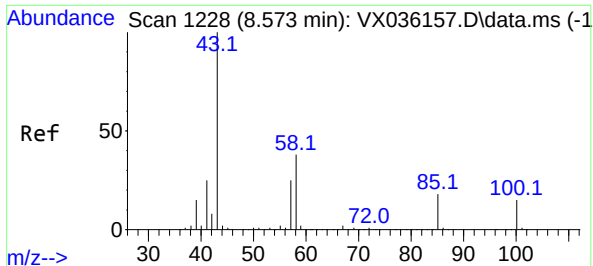
Tgt Ion:117 Resp: 20413
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.989 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036267.D
Acq: 21 Jun 2023 13:48

Tgt Ion: 98 Resp: 385668
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.613 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.074 min

Lab File: VX036267.D

Acq: 21 Jun 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

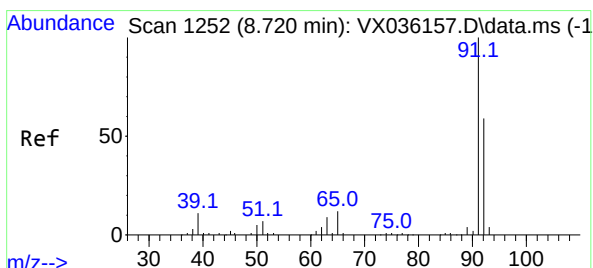
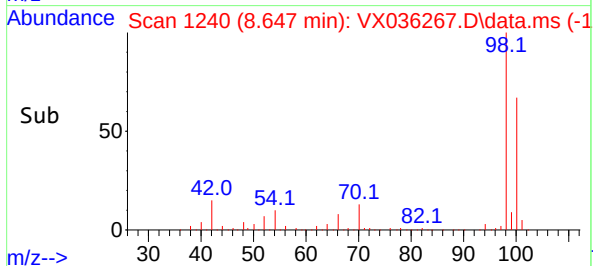
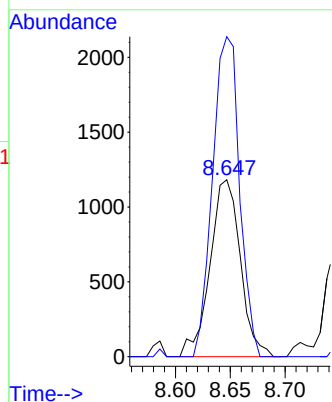
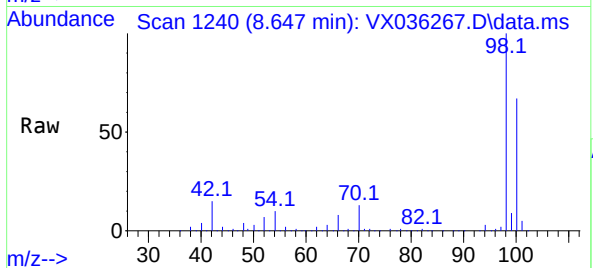
TOTAL-VOC-SB17-GRAB-7

Tgt Ion: 43 Resp: 2281

Ion Ratio Lower Upper

43 100

58 160.8 30.4 45.6#



#52

Toluene

Concen: 0.286 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX036267.D

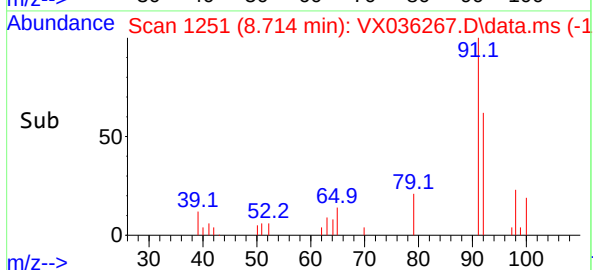
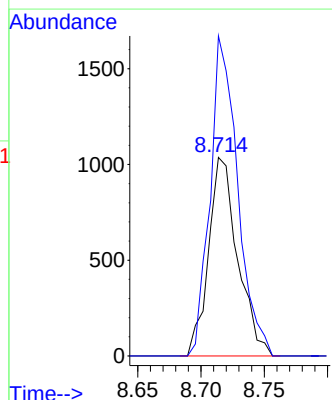
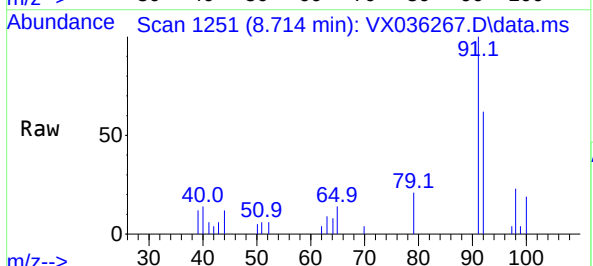
Acq: 21 Jun 2023 13:48

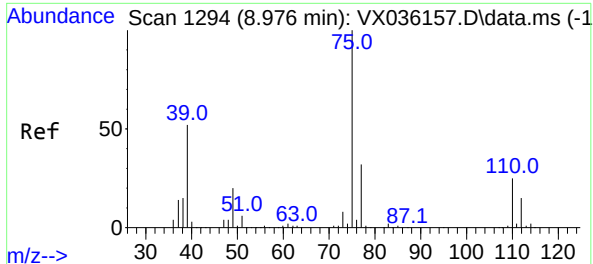
Tgt Ion: 92 Resp: 1662

Ion Ratio Lower Upper

92 100

91 152.3 134.2 201.2

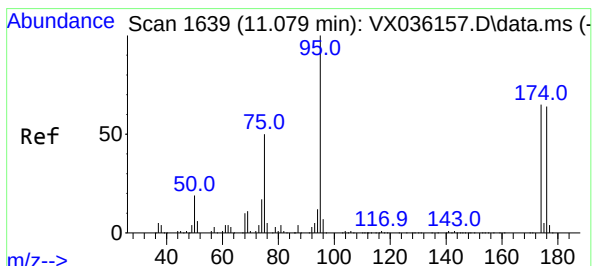
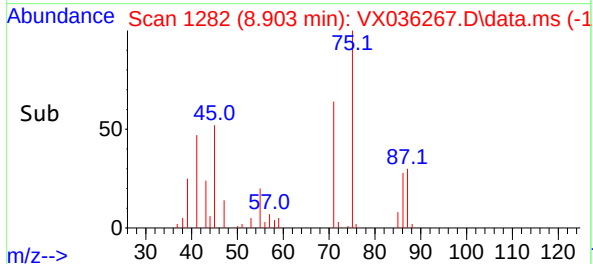
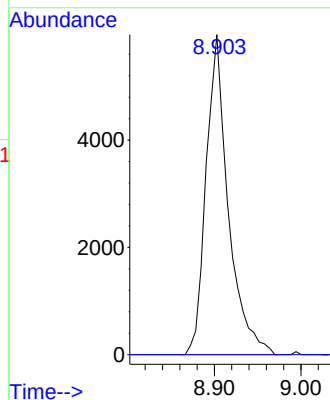
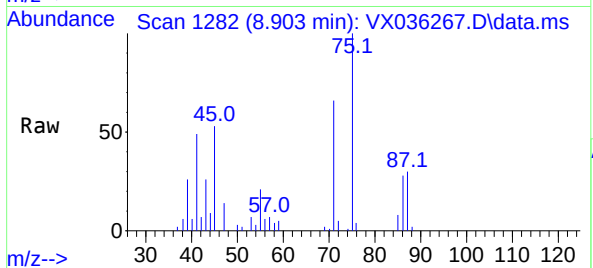




#53
t-1,3-Dichloropropene
Concen: 3.051 ug/l
RT: 8.903 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX036267.D
Acq: 21 Jun 2023 13:48

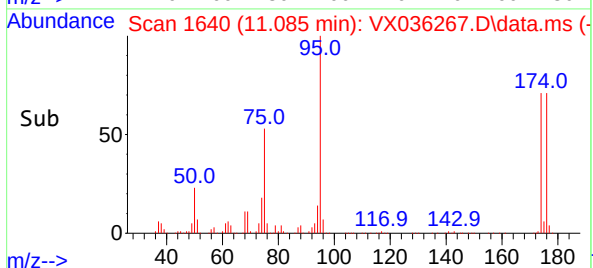
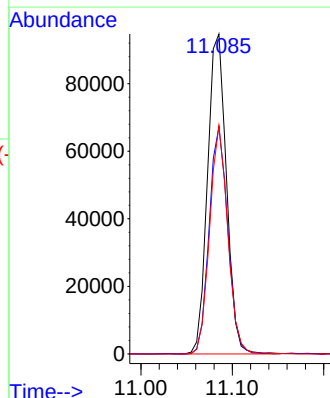
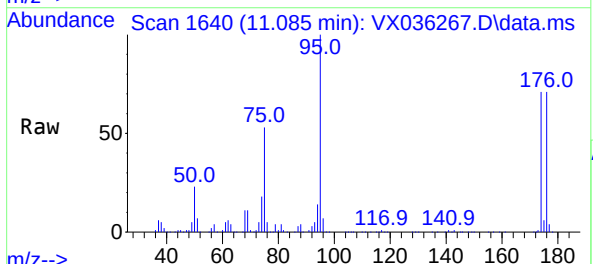
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB17-GRAB-7

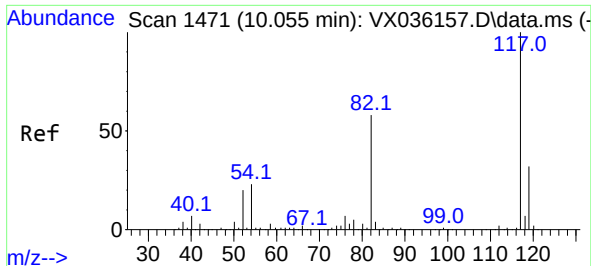
Tgt Ion: 75 Resp: 10622
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#



#62
4-Bromofluorobenzene
Concen: 40.963 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX036267.D
Acq: 21 Jun 2023 13:48

Tgt Ion: 95 Resp: 135716
Ion Ratio Lower Upper
95 100
174 70.1 0.0 135.6
176 68.2 0.0 131.0

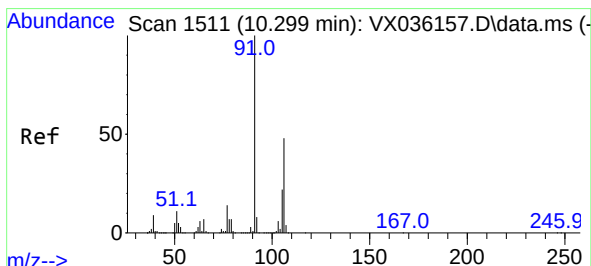
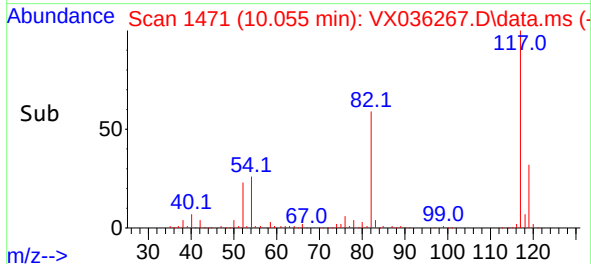
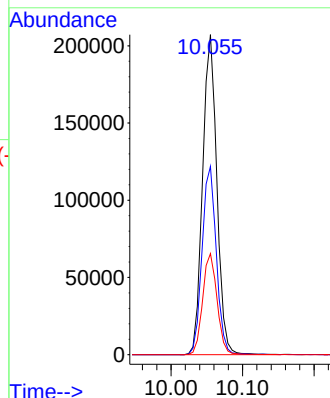
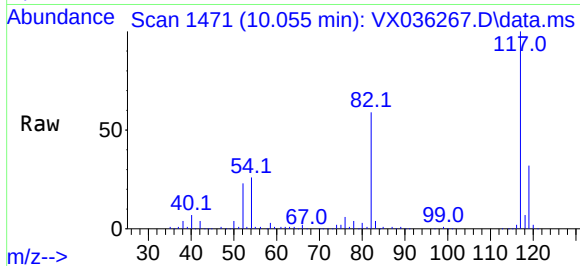




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036267.D
Acq: 21 Jun 2023 13:48

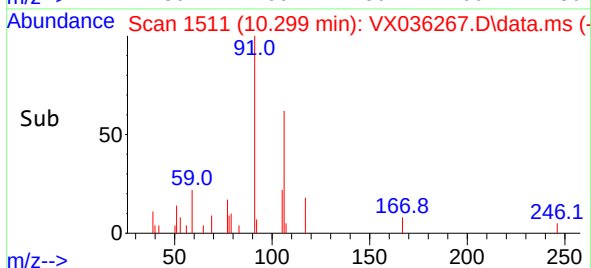
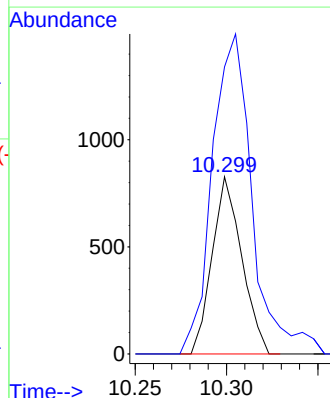
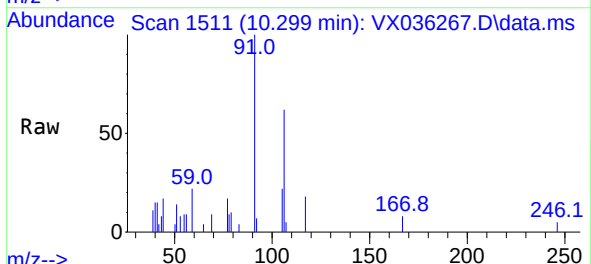
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB17-GRAB-7

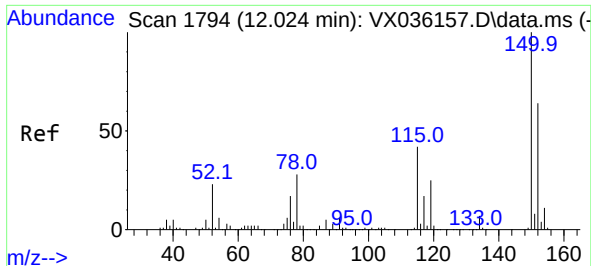
Tgt Ion:117 Resp: 286717
Ion Ratio Lower Upper
117 100
82 58.9 46.2 69.4
119 31.6 25.5 38.3



#68
m/p-Xylenes
Concen: 0.233 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036267.D
Acq: 21 Jun 2023 13:48

Tgt Ion:106 Resp: 933
Ion Ratio Lower Upper
106 100
91 243.5 165.5 248.3

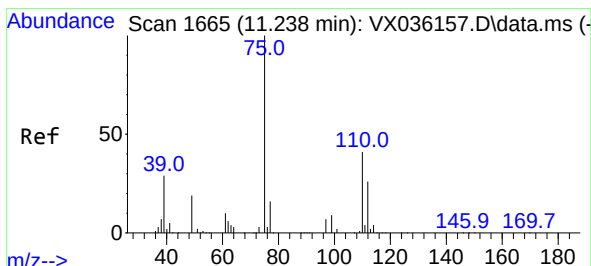
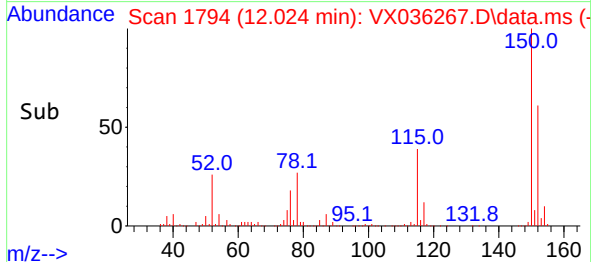
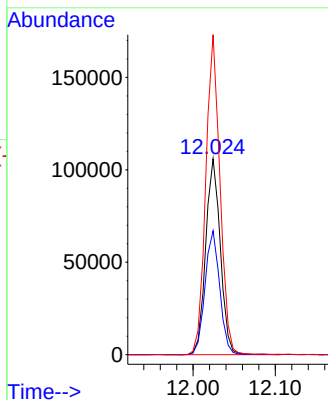
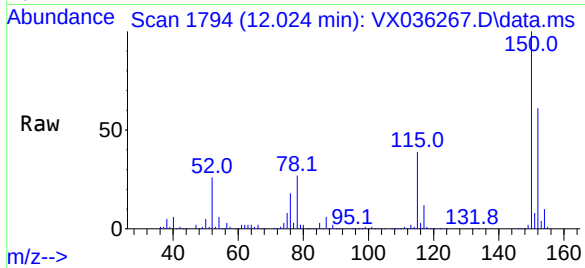




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036267.D
Acq: 21 Jun 2023 13:48

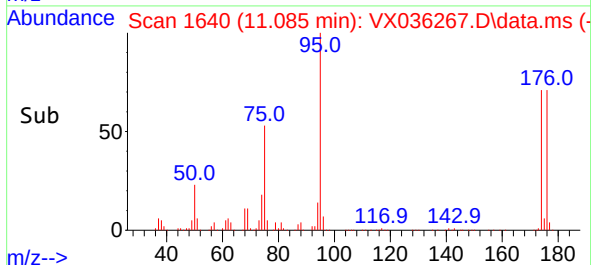
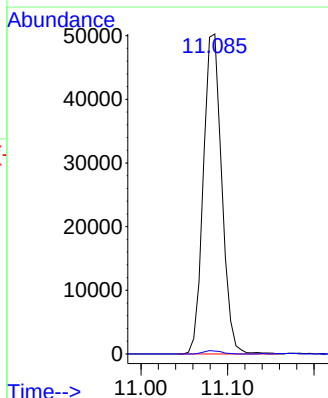
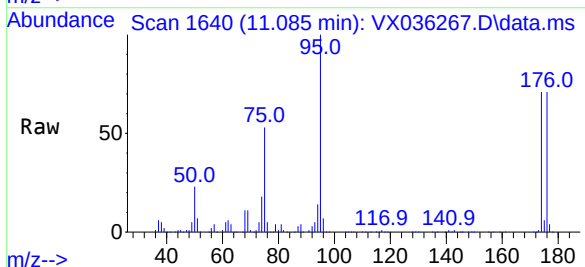
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB17-GRAB-7

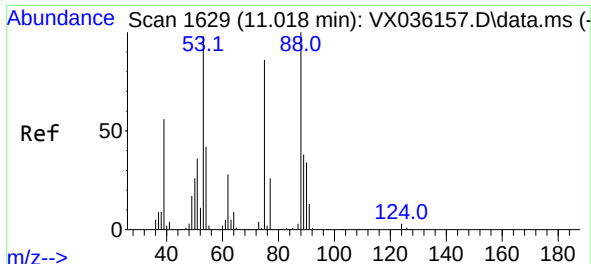
Tgt Ion:152 Resp: 131126
Ion Ratio Lower Upper
152 100
115 63.5 43.3 129.9
150 158.6 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 23.813 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.153 min
Lab File: VX036267.D
Acq: 21 Jun 2023 13:48

Tgt Ion: 75 Resp: 74107
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

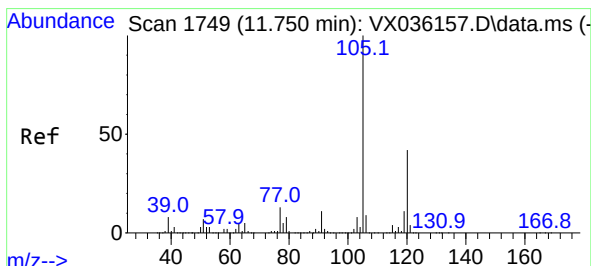
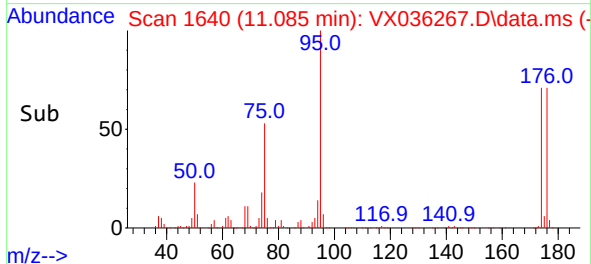
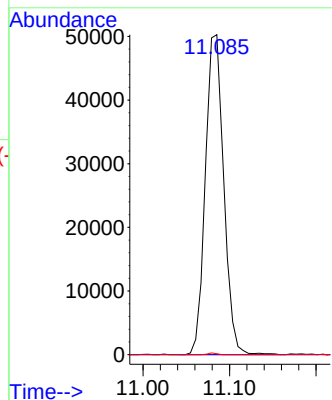
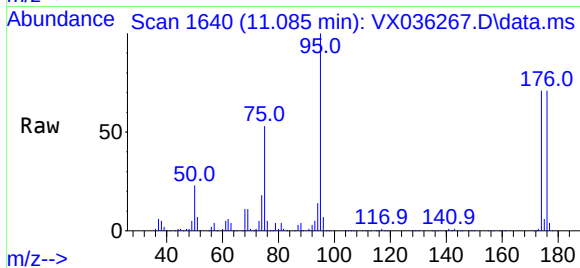




#81
trans-1,4-Dichloro-2-butene
Concen: 83.352 ug/l
RT: 11.085 min Scan# 1107
Delta R.T. 0.067 min
Lab File: VX036267.D
Acq: 21 Jun 2023 13:48

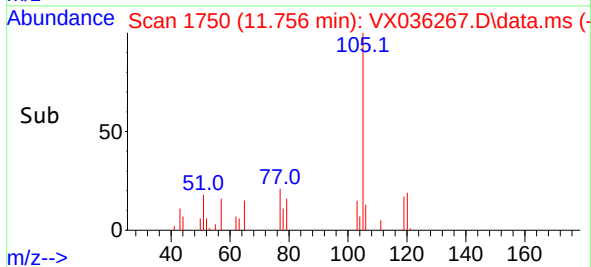
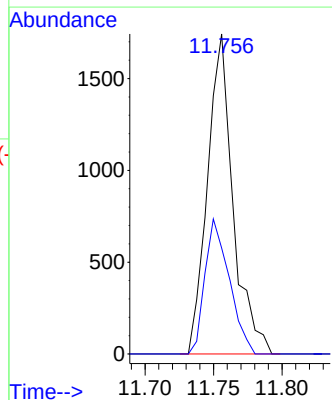
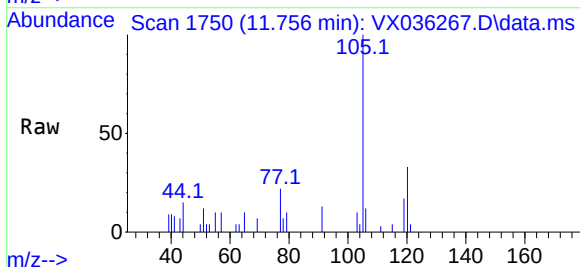
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB17-GRAB-7

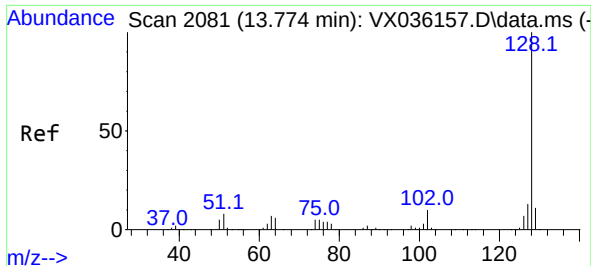
Tgt Ion: 75 Resp: 74107
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.3 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.274 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX036267.D
Acq: 21 Jun 2023 13:48

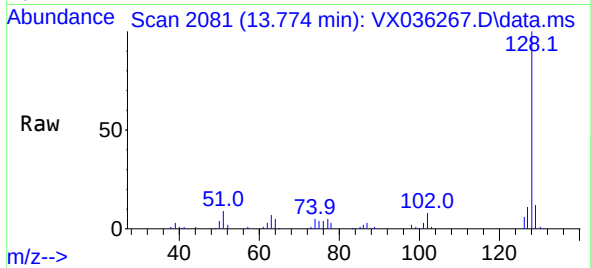
Tgt Ion: 105 Resp: 2262
Ion Ratio Lower Upper
105 100
120 40.1 21.2 63.6





#95
Naphthalene
Concen: 2.287 ug/l
RT: 13.774 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX036267.D
Acq: 21 Jun 2023 13:48

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB17-GRAB-7



Tgt Ion:128 Resp: 19082
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 11.7 8.8 13.2

