

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062123\
 Data File : VX036266.D
 Acq On : 21 Jun 2023 13:24
 Operator : JC/MD
 Sample : 03331-12
 Misc : 13.98g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOTAL-VOC-SB17-GRAB-6

Quant Time: Jun 22 05:01:21 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)

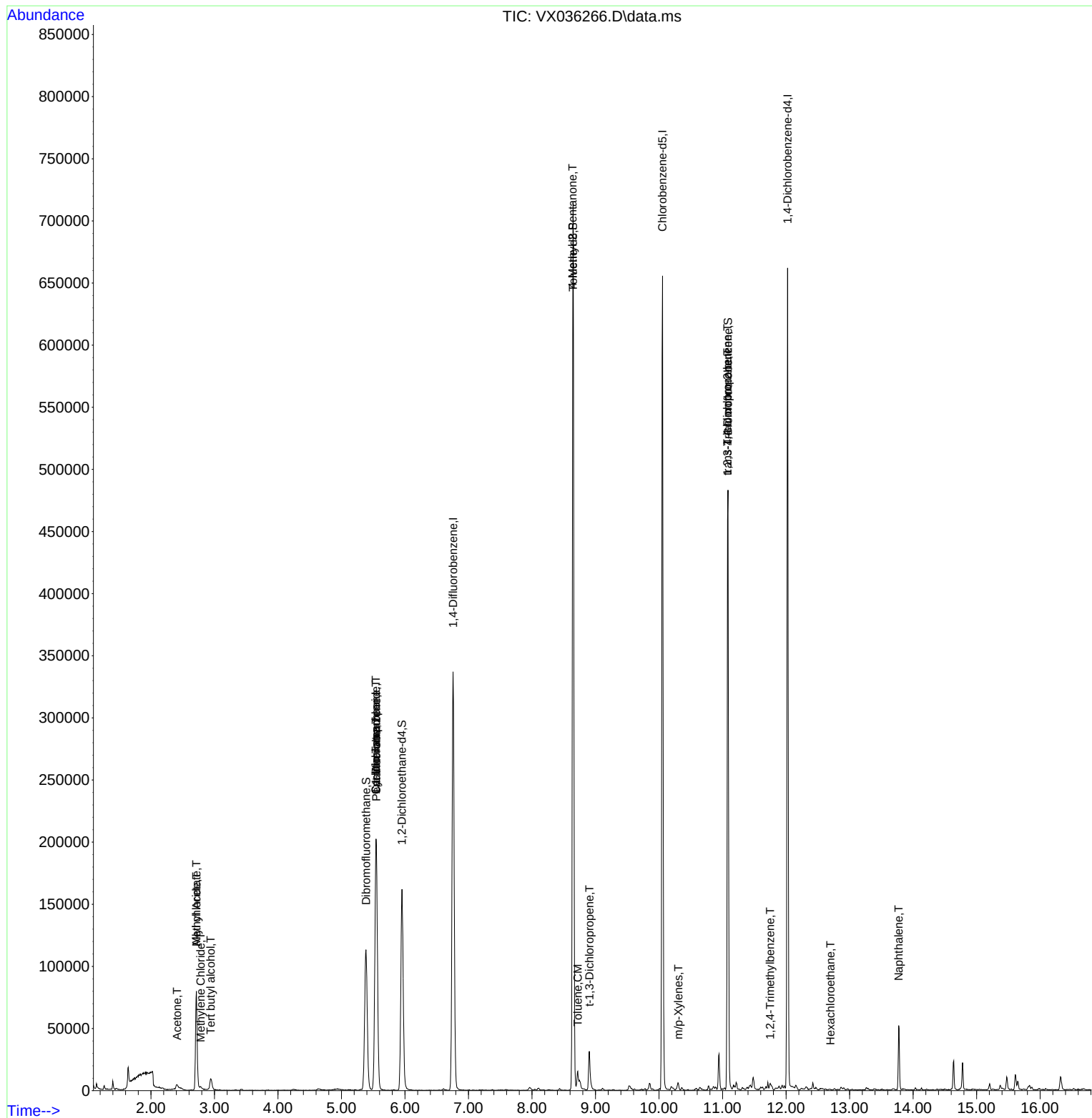
Internal Standards						
1) Pentafluorobenzene	5.550	168	181081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	327786	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	278342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	150336	45.430	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.860%		
35) Dibromofluoromethane	5.385	113	97633	43.924	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.840%		
50) Toluene-d8	8.647	98	400079	49.206	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.420%		
62) 4-Bromofluorobenzene	11.085	95	138831	42.300	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.600%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	6297	12.447	ug/l #	78
14) Allyl chloride	2.715	41	1402	0.354	ug/l #	29
16) Acetone	2.410	43	5441	3.958	ug/l	100
18) Methyl Acetate	2.715	43	98137	18.821	ug/l	99
20) Methylene Chloride	2.782	84	1125	0.452	ug/l #	87
31) Cyclohexane	5.544	56	4982	1.403	ug/l #	11
36) 1,1-Dichloropropene	5.544	75	16798	5.130	ug/l #	50
38) Carbon Tetrachloride	5.544	117	19765	6.210	ug/l #	13
51) 4-Methyl-2-Pentanone	8.641	43	2594	0.704	ug/l #	1
52) Toluene	8.720	92	4738	0.822	ug/l	89
53) t-1,3-Dichloropropene	8.903	75	11292	3.275	ug/l #	43
68) m/p-Xylenes	10.305	106	1077	0.277	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	75907	25.626	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	75907	89.696	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.750	105	1732	0.220	ug/l	84
90) Hexachloroethane	12.701	117	323	0.262	ug/l #	17
95) Naphthalene	13.774	128	31994	4.029	ug/l	99

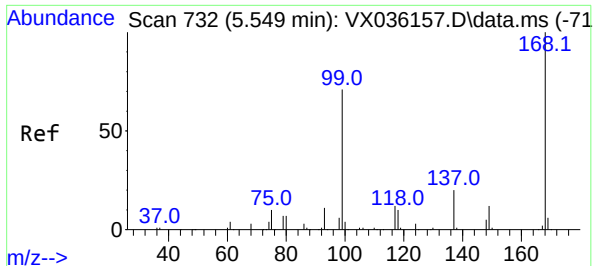
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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TOTAL-VOC-SB17-GRAB-6

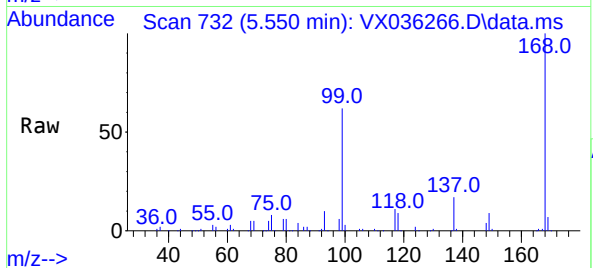
Quant Time: Jun 22 05:01:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260
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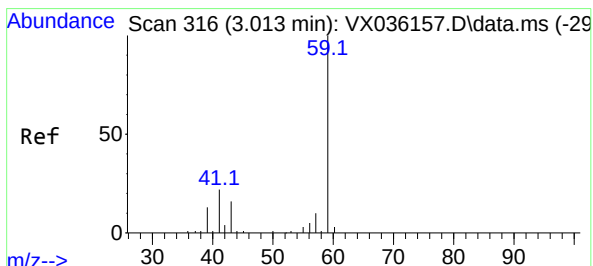
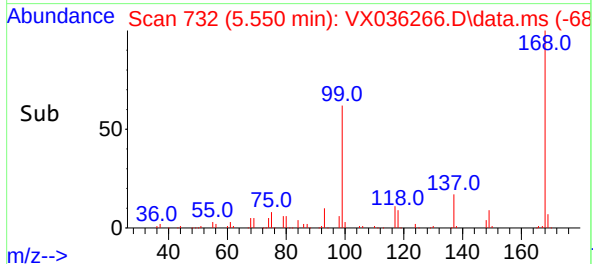
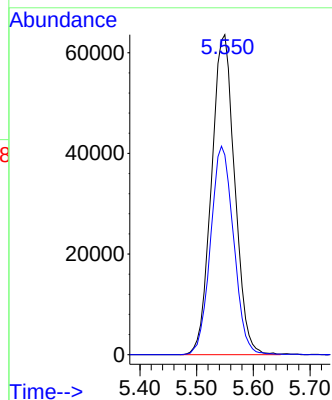


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036266.D
Acq: 21 Jun 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB17-GRAB-6

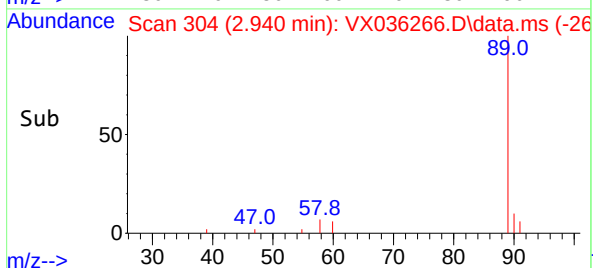
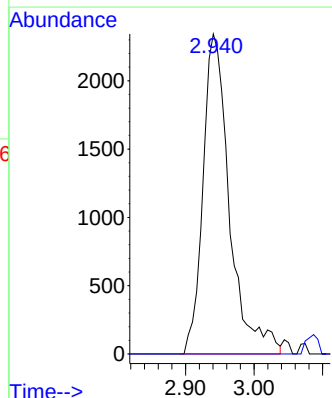
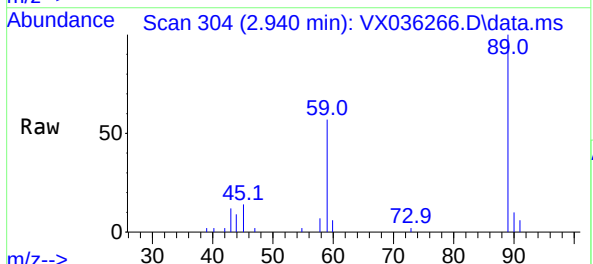


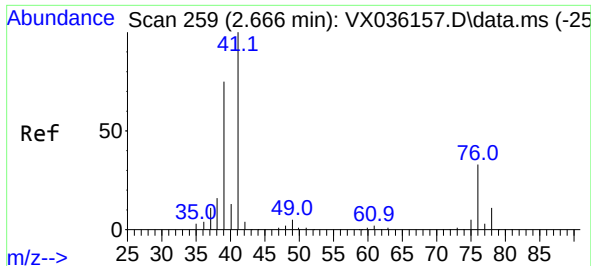
Tgt Ion:168 Resp: 181081
Ion Ratio Lower Upper
168 100
99 62.4 56.6 85.0



#11
Tert butyl alcohol
Concen: 12.447 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.073 min
Lab File: VX036266.D
Acq: 21 Jun 2023 13:24

Tgt Ion: 59 Resp: 6297
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

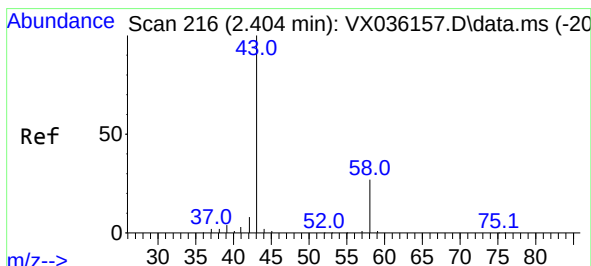
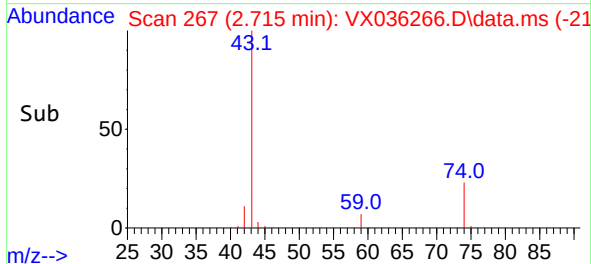
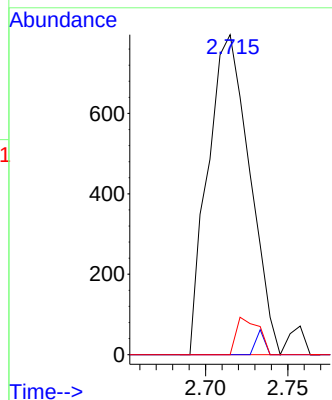
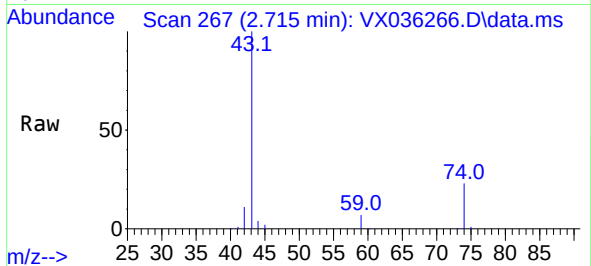




#14
 Allyl chloride
 Concen: 0.354 ug/l
 RT: 2.715 min Scan# 217
 Delta R.T. 0.049 min
 Lab File: VX036266.D
 Acq: 21 Jun 2023 13:24

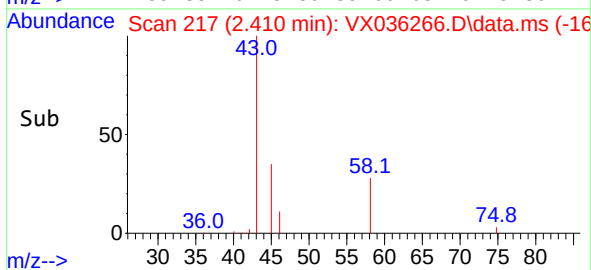
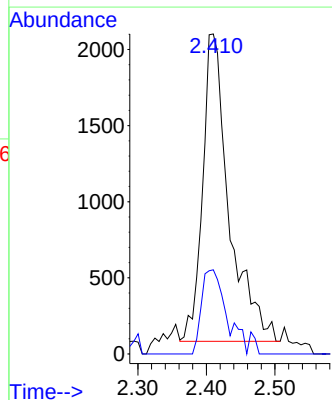
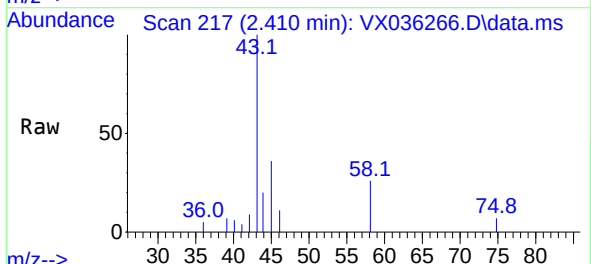
Instrument :
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 ClientSampleId :
 TOTAL-VOC-SB17-GRAB-6

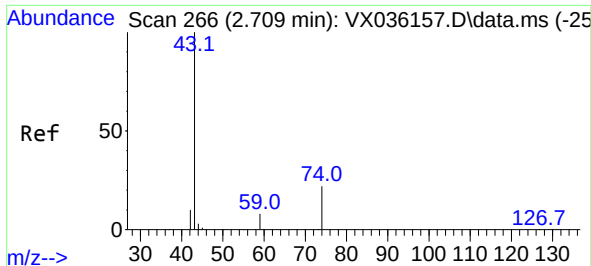
Tgt Ion: 41 Resp: 1402
 Ion Ratio Lower Upper
 41 100
 39 1.6 55.8 83.6#
 76 6.3 24.3 36.5#



#16
 Acetone
 Concen: 3.958 ug/l
 RT: 2.410 min Scan# 217
 Delta R.T. 0.006 min
 Lab File: VX036266.D
 Acq: 21 Jun 2023 13:24

Tgt Ion: 43 Resp: 5441
 Ion Ratio Lower Upper
 43 100
 58 27.4 21.9 32.9





#18

Methyl Acetate

Concen: 18.821 ug/l

RT: 2.715 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX036266.D

Acq: 21 Jun 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

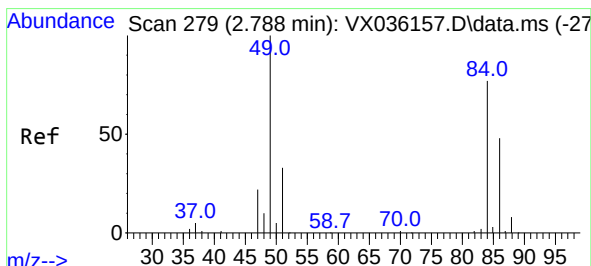
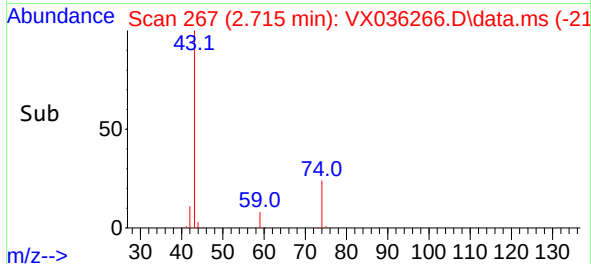
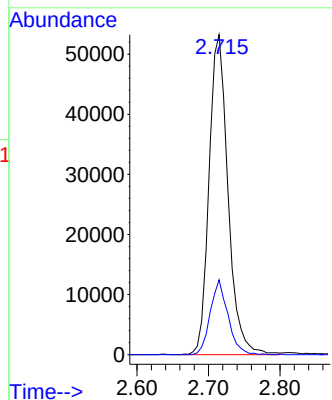
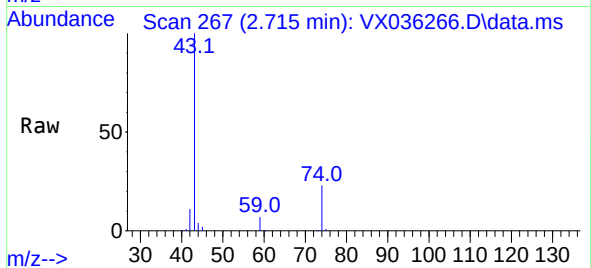
TOTAL-VOC-SB17-GRAB-6

Tgt Ion: 43 Resp: 98137

Ion Ratio Lower Upper

43 100

74 21.9 17.8 26.8



#20

Methylene Chloride

Concen: 0.452 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX036266.D

Acq: 21 Jun 2023 13:24

Tgt Ion: 84 Resp: 1125

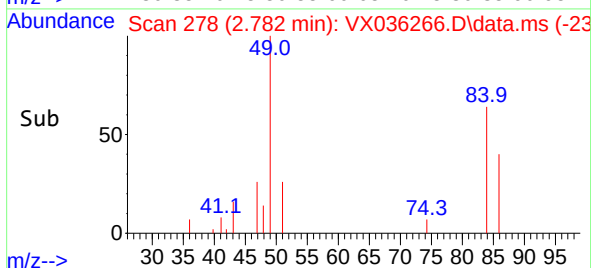
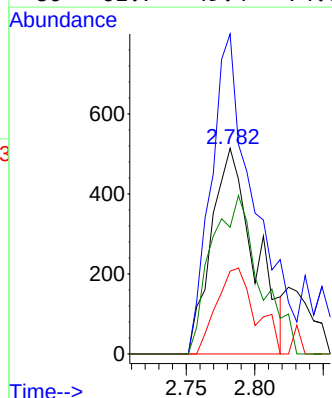
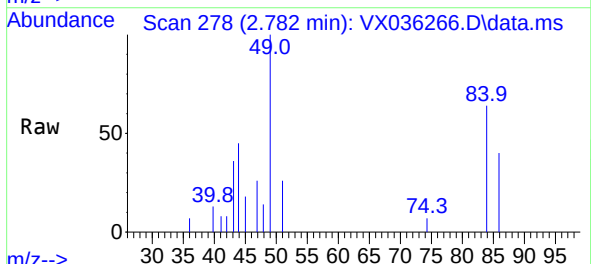
Ion Ratio Lower Upper

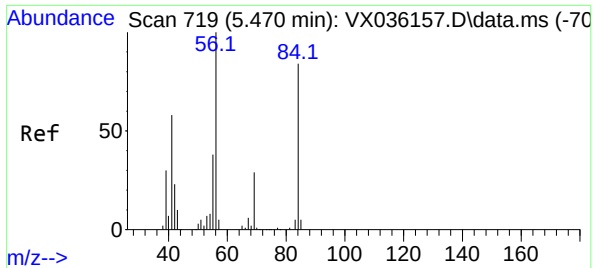
84 100

49 155.6 103.6 155.4#

51 40.3 33.8 50.6

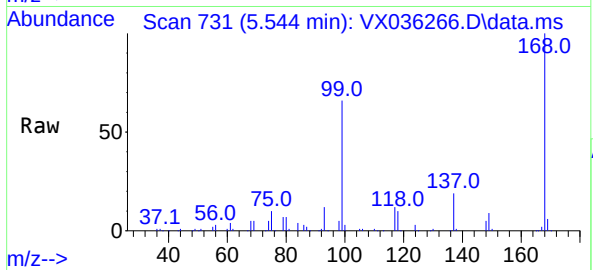
86 61.7 49.4 74.0



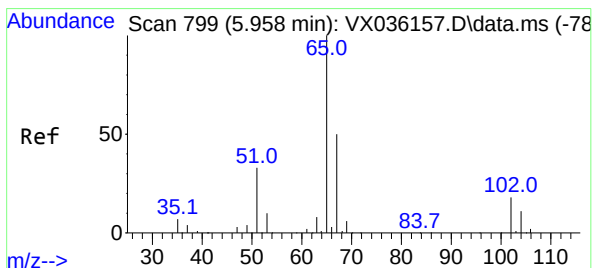
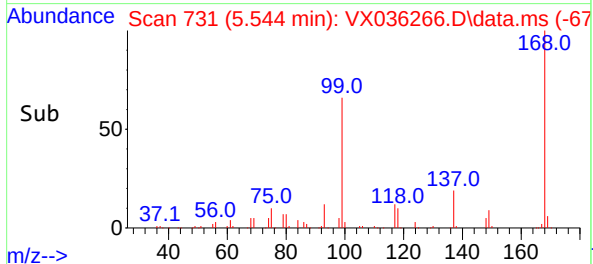
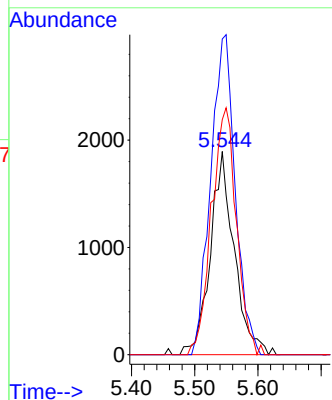


#31
Cyclohexane
Concen: 1.403 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX036266.D
Acq: 21 Jun 2023 13:24

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB17-GRAB-6

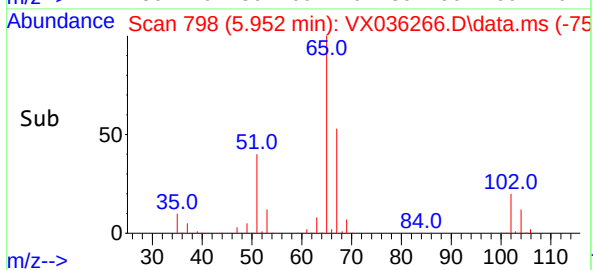
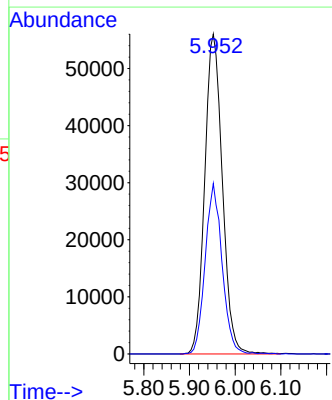
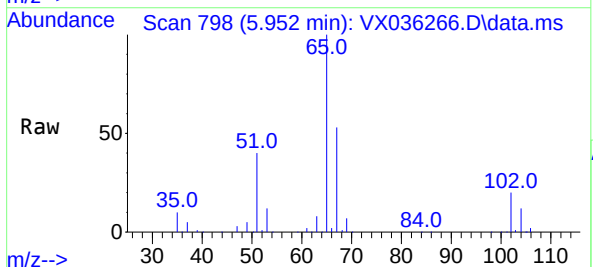


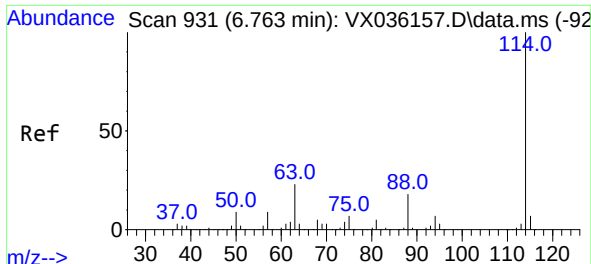
Tgt Ion: 56 Resp: 4982
Ion Ratio Lower Upper
56 100
69 155.4 23.4 35.2#
84 115.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.430 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX036266.D
Acq: 21 Jun 2023 13:24

Tgt Ion: 65 Resp: 150336
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

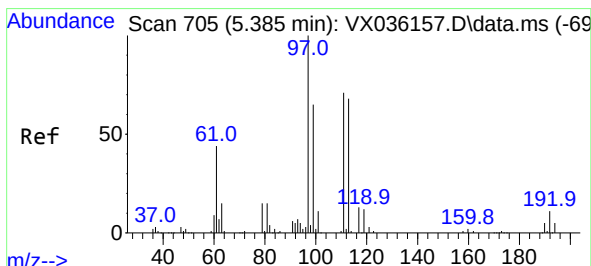
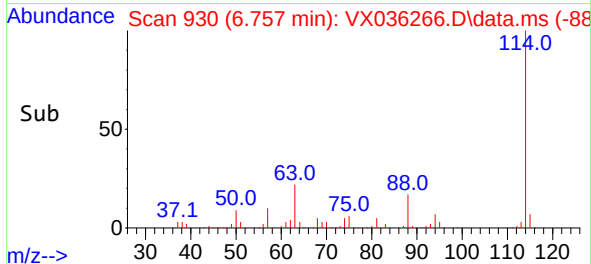
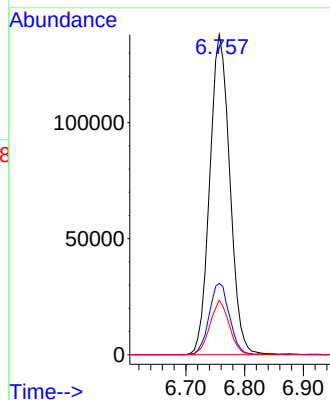
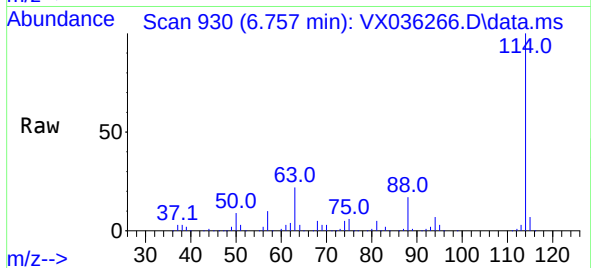




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX036266.D
Acq: 21 Jun 2023 13:24

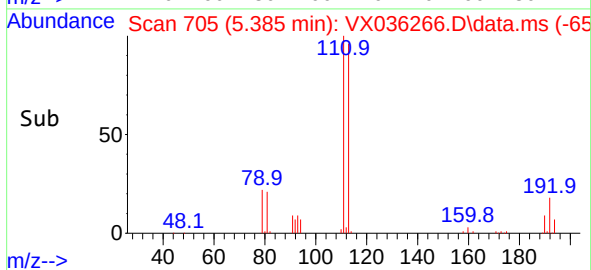
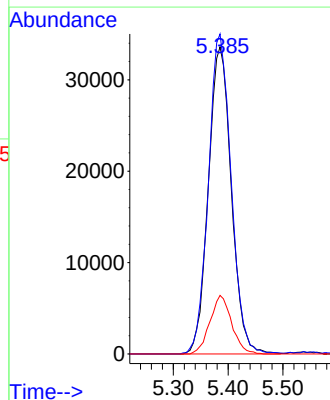
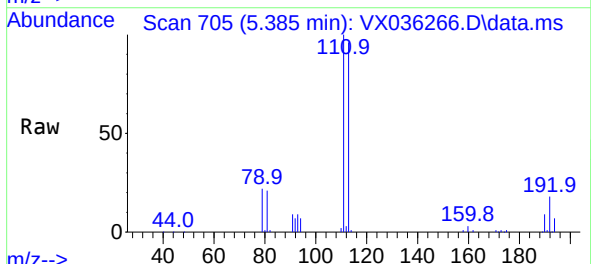
Instrument :
MSVOA_X
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TOTAL-VOC-SB17-GRAB-6

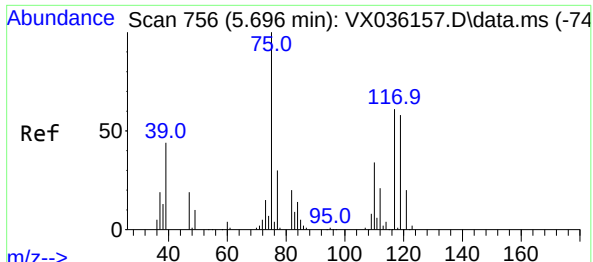
Tgt Ion:114 Resp: 327786
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.0
88 17.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.924 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036266.D
Acq: 21 Jun 2023 13:24

Tgt Ion:113 Resp: 97633
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 18.1 13.3 19.9

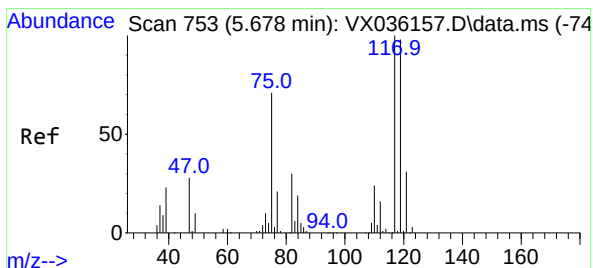
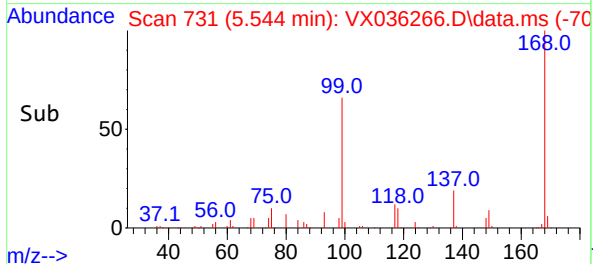
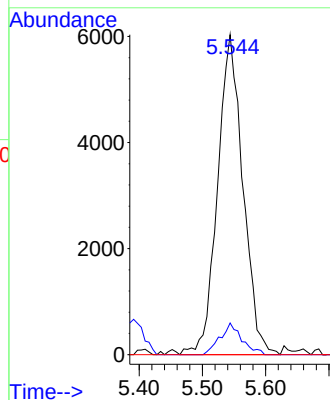
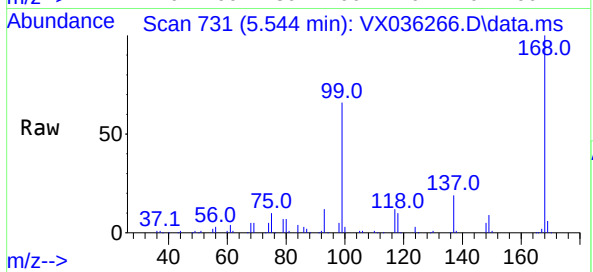




#36
1,1-Dichloropropene
Concen: 5.130 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX036266.D
Acq: 21 Jun 2023 13:24

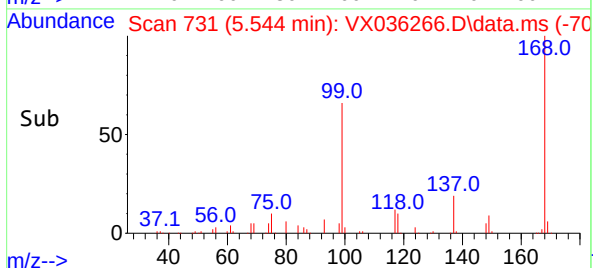
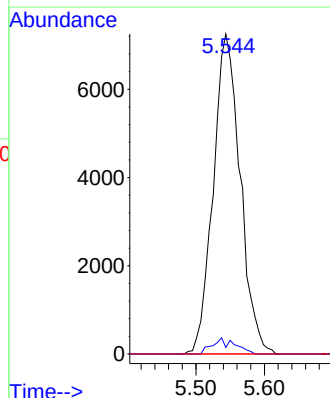
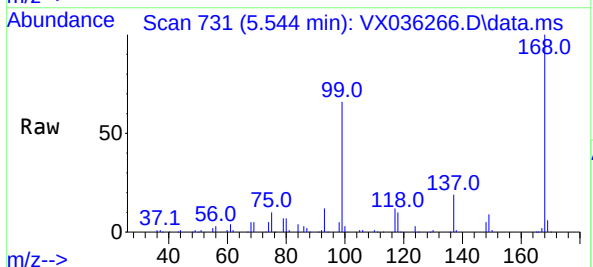
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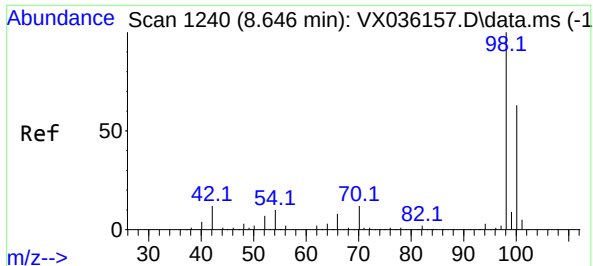
Tgt Ion: 75 Resp: 16798
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.210 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX036266.D
Acq: 21 Jun 2023 13:24

Tgt Ion:117 Resp: 19765
Ion Ratio Lower Upper
117 100
119 2.0 78.2 117.2#
121 0.0 24.4 36.6#

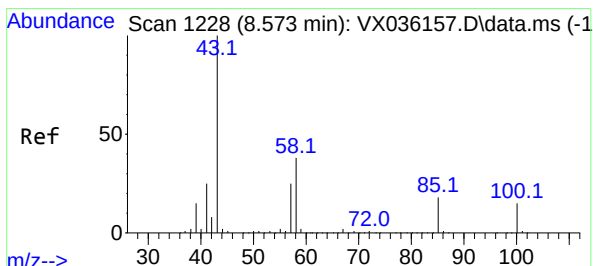
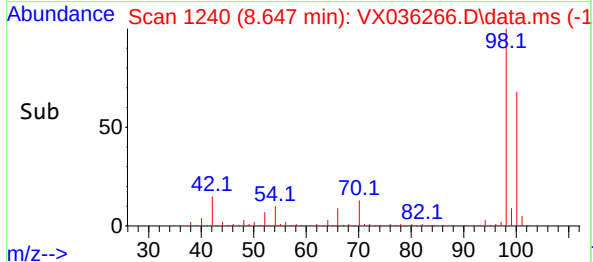
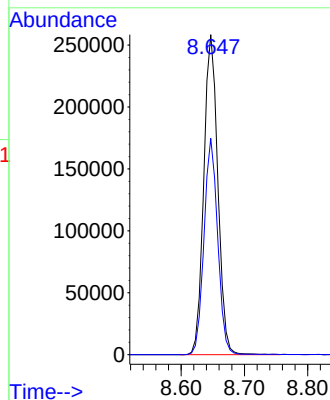
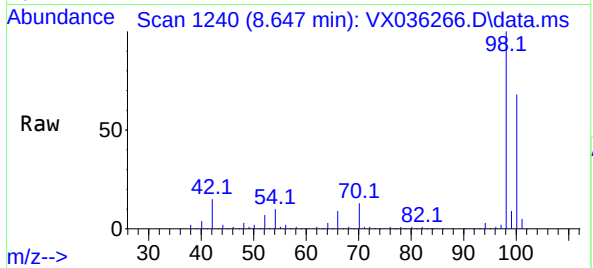




#50
Toluene-d8
Concen: 49.206 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036266.D
Acq: 21 Jun 2023 13:24

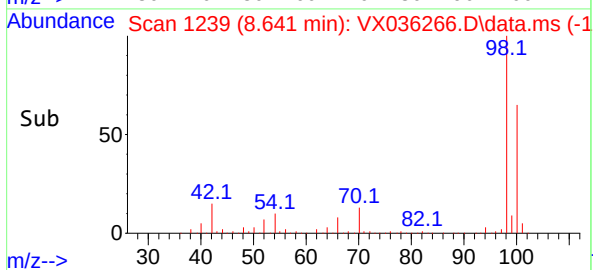
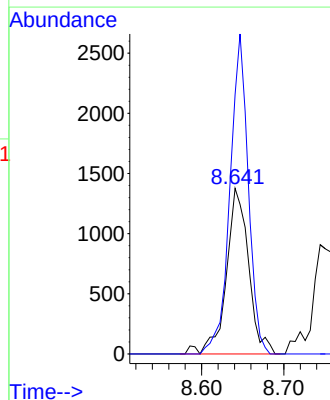
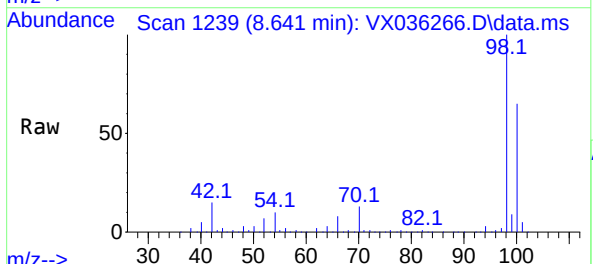
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TOTAL-VOC-SB17-GRAB-6

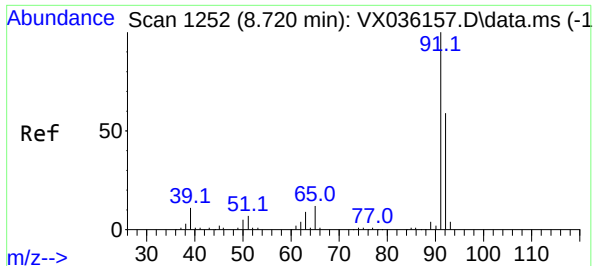
Tgt Ion: 98 Resp: 400079
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.704 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.068 min
Lab File: VX036266.D
Acq: 21 Jun 2023 13:24

Tgt Ion: 43 Resp: 2594
Ion Ratio Lower Upper
43 100
58 158.5 30.4 45.6#

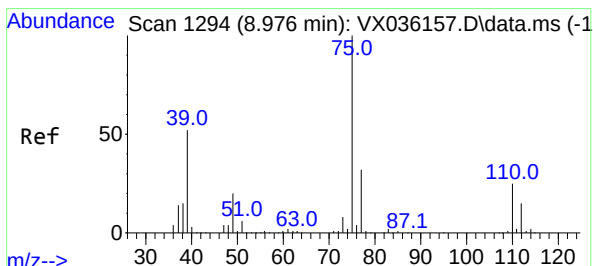
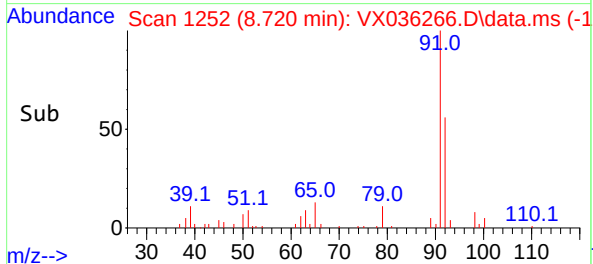
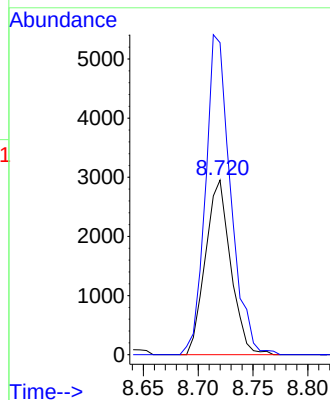
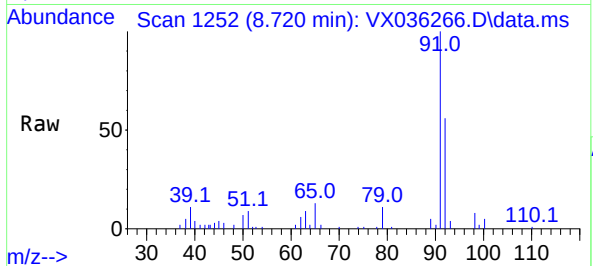




#52
Toluene
Concen: 0.822 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036266.D
Acq: 21 Jun 2023 13:24

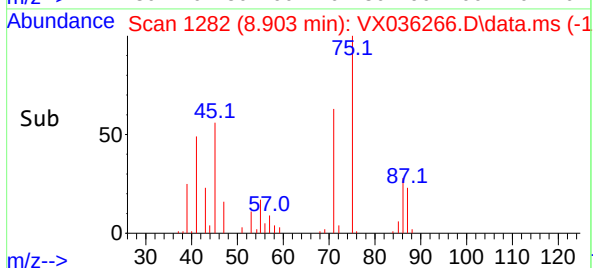
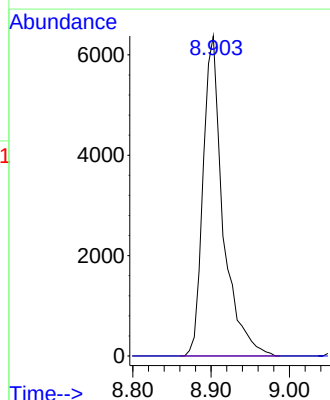
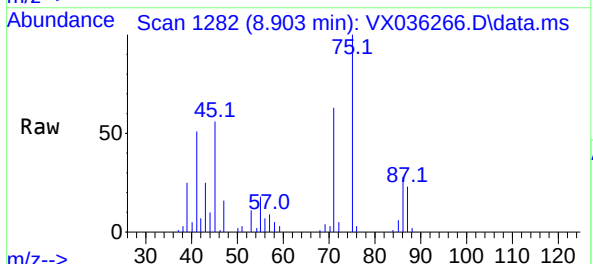
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB17-GRAB-6

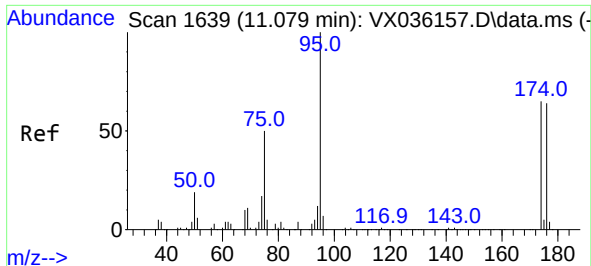
Tgt Ion: 92 Resp: 4738
Ion Ratio Lower Upper
92 100
91 182.1 134.2 201.2



#53
t-1,3-Dichloropropene
Concen: 3.275 ug/l
RT: 8.903 min Scan# 1282
Delta R.T. -0.073 min
Lab File: VX036266.D
Acq: 21 Jun 2023 13:24

Tgt Ion: 75 Resp: 11292
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

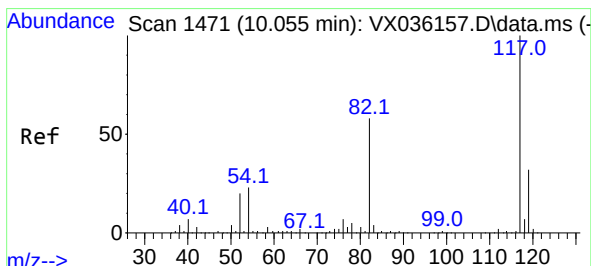
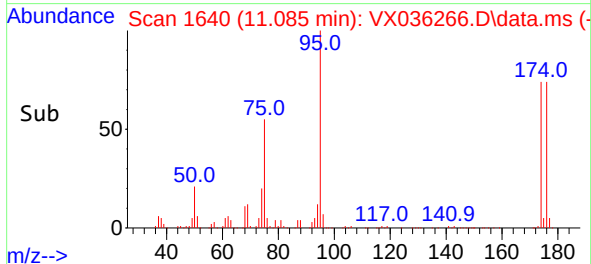
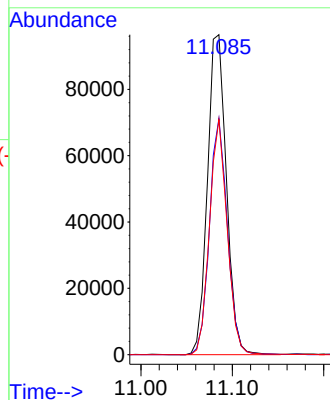
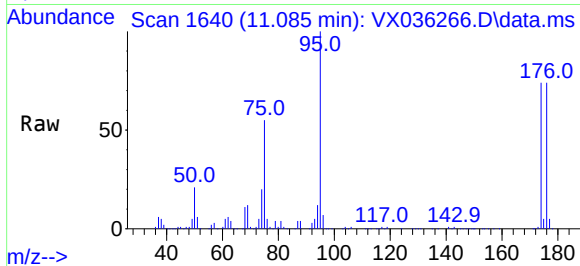




#62
4-Bromofluorobenzene
Concen: 42.300 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX036266.D
Acq: 21 Jun 2023 13:24

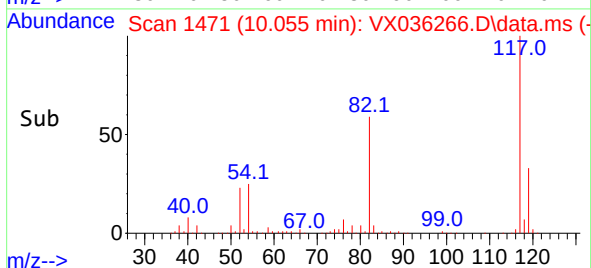
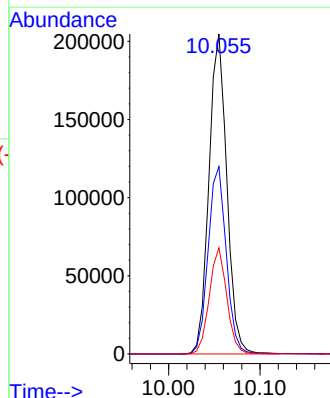
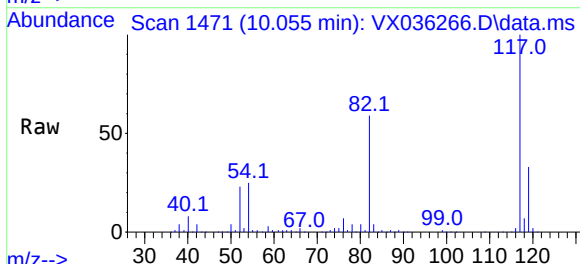
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB17-GRAB-6

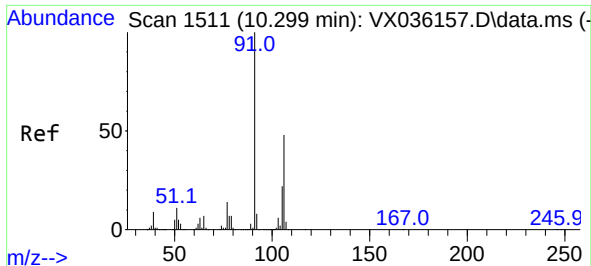
Tgt Ion: 95 Resp: 138831
Ion Ratio Lower Upper
95 100
174 69.7 0.0 135.6
176 68.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036266.D
Acq: 21 Jun 2023 13:24

Tgt Ion: 117 Resp: 278342
Ion Ratio Lower Upper
117 100
82 58.6 46.2 69.4
119 33.2 25.5 38.3

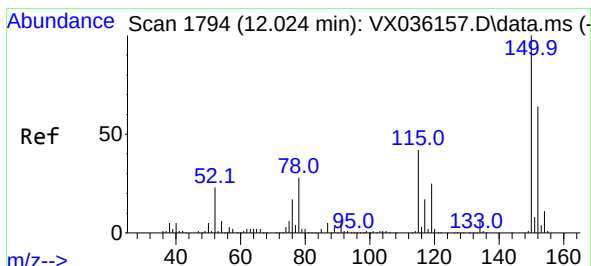
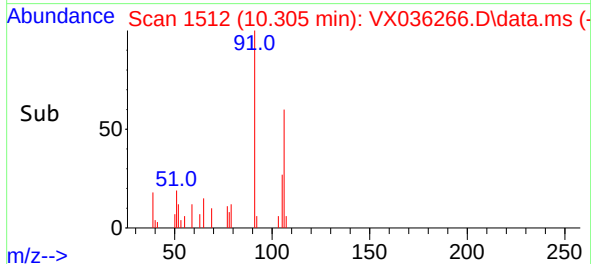
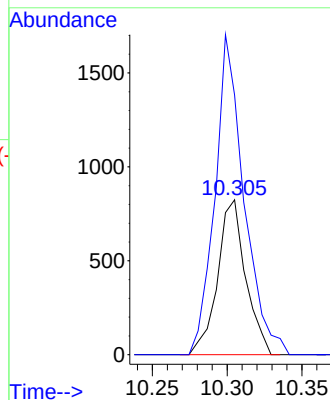
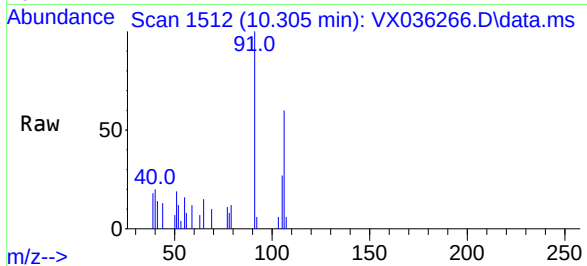




#68
m/p-Xylenes
Concen: 0.277 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036266.D
Acq: 21 Jun 2023 13:24

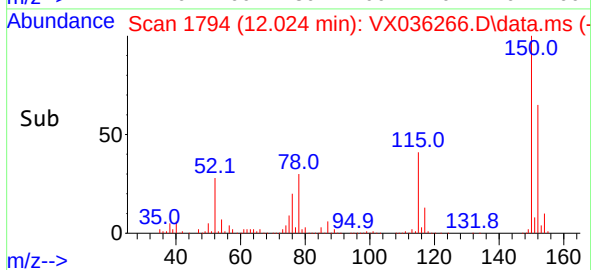
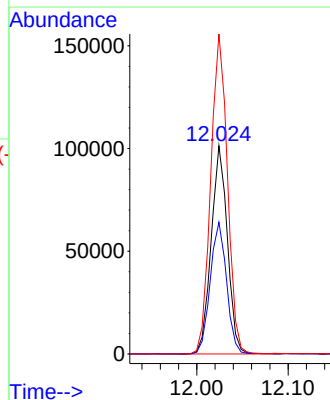
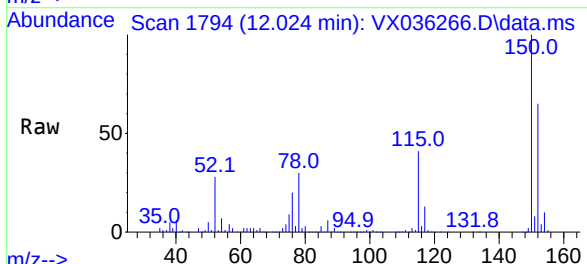
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB17-GRAB-6

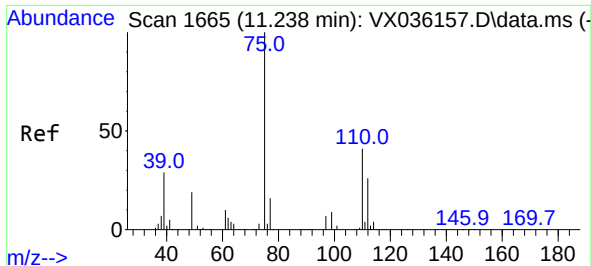
Tgt Ion:106 Resp: 1077
Ion Ratio Lower Upper
106 100
91 213.6 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036266.D
Acq: 21 Jun 2023 13:24

Tgt Ion:152 Resp: 124811
Ion Ratio Lower Upper
152 100
115 63.9 43.3 129.9
150 158.0 0.0 345.0

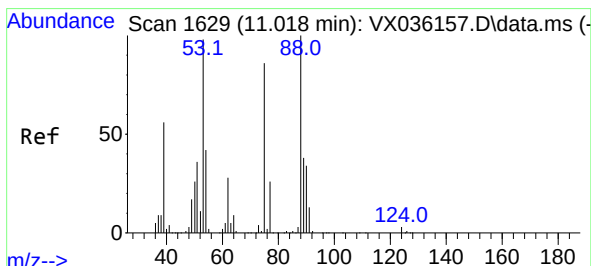
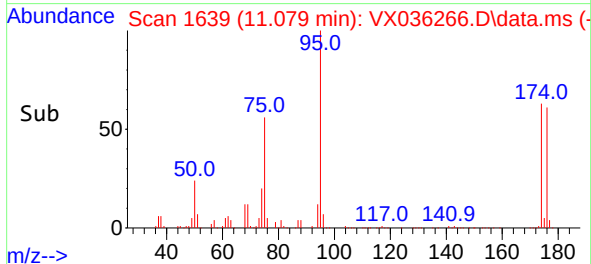
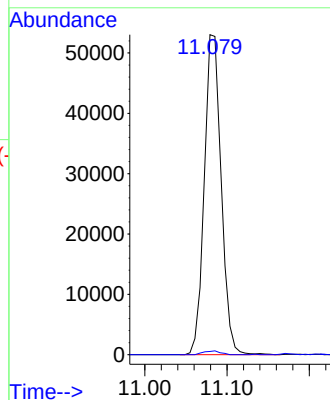
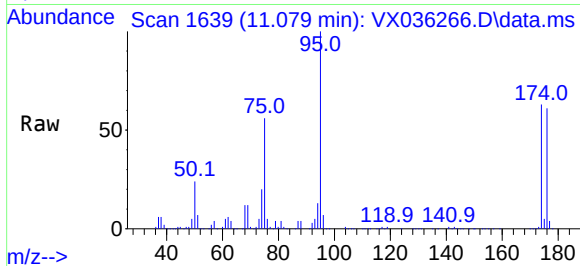




#76
1,2,3-Trichloropropane
Concen: 25.626 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036266.D
Acq: 21 Jun 2023 13:24

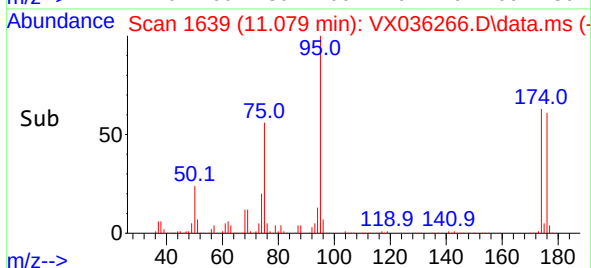
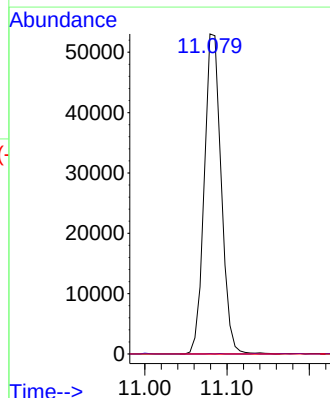
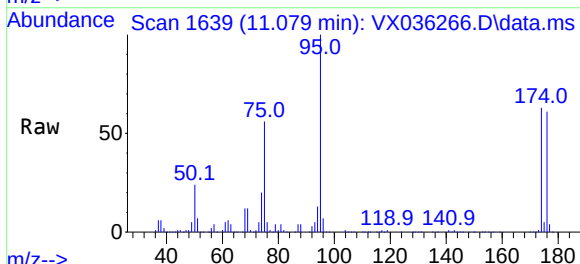
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB17-GRAB-6

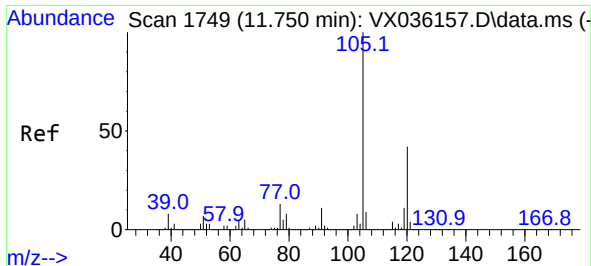
Tgt Ion: 75 Resp: 75907
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.696 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036266.D
Acq: 21 Jun 2023 13:24

Tgt Ion: 75 Resp: 75907
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

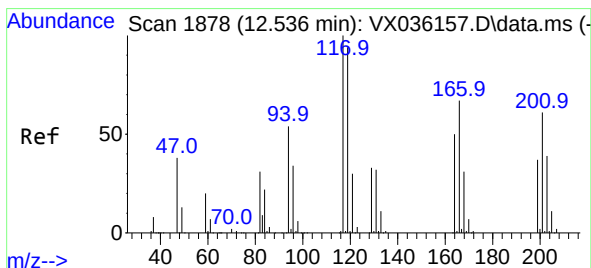
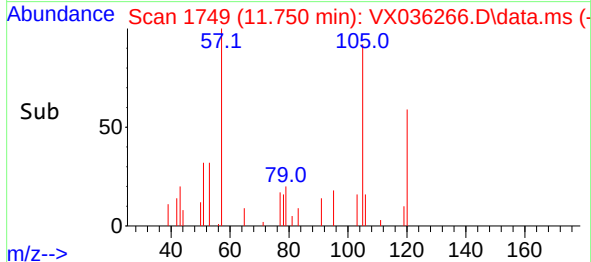
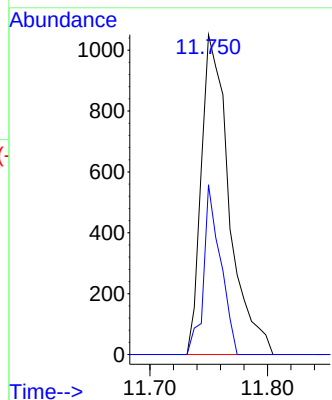
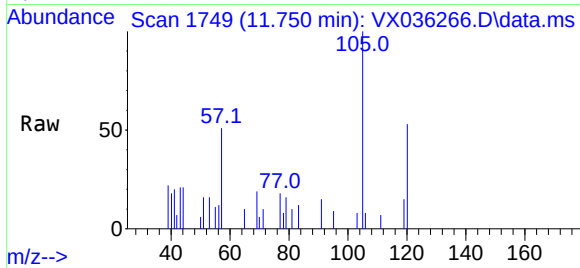




#84
1,2,4-Trimethylbenzene
Concen: 0.220 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036266.D
Acq: 21 Jun 2023 13:24

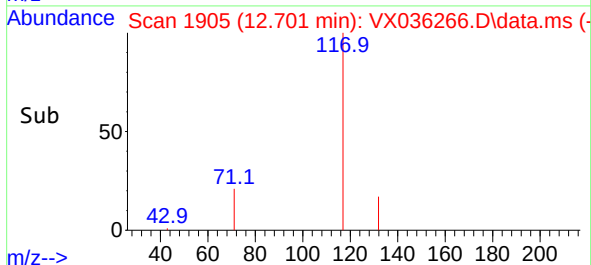
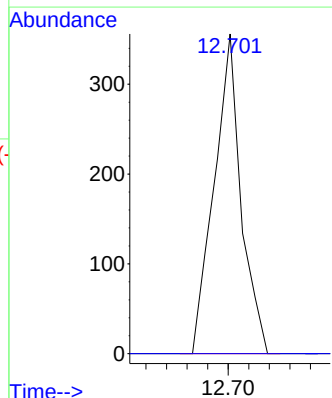
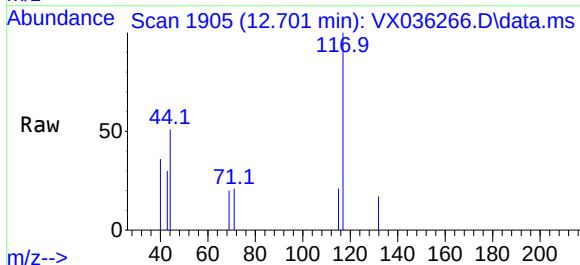
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB17-GRAB-6

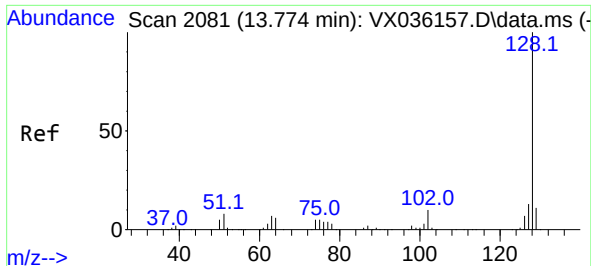
Tgt Ion:105 Resp: 1732
Ion Ratio Lower Upper
105 100
120 32.3 21.2 63.6



#90
Hexachloroethane
Concen: 0.262 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.165 min
Lab File: VX036266.D
Acq: 21 Jun 2023 13:24

Tgt Ion:117 Resp: 323
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#





#95

Naphthalene

Concen: 4.029 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX036266.D

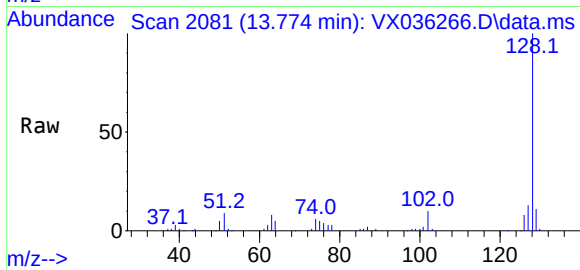
Acq: 21 Jun 2023 13:24

Instrument :

MSVOA_X

ClientSampleId :

TOTAL-VOC-SB17-GRAB-6



Tgt Ion:128 Resp: 31994

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 11.5 8.8 13.2

