

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062123\
 Data File : VX036264.D
 Acq On : 21 Jun 2023 12:38
 Operator : JC/MD
 Sample : 03331-05
 Misc : 20.53g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOTAL-VOC-SB8-GRAB-6

Quant Time: Jun 22 05:01:02 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)

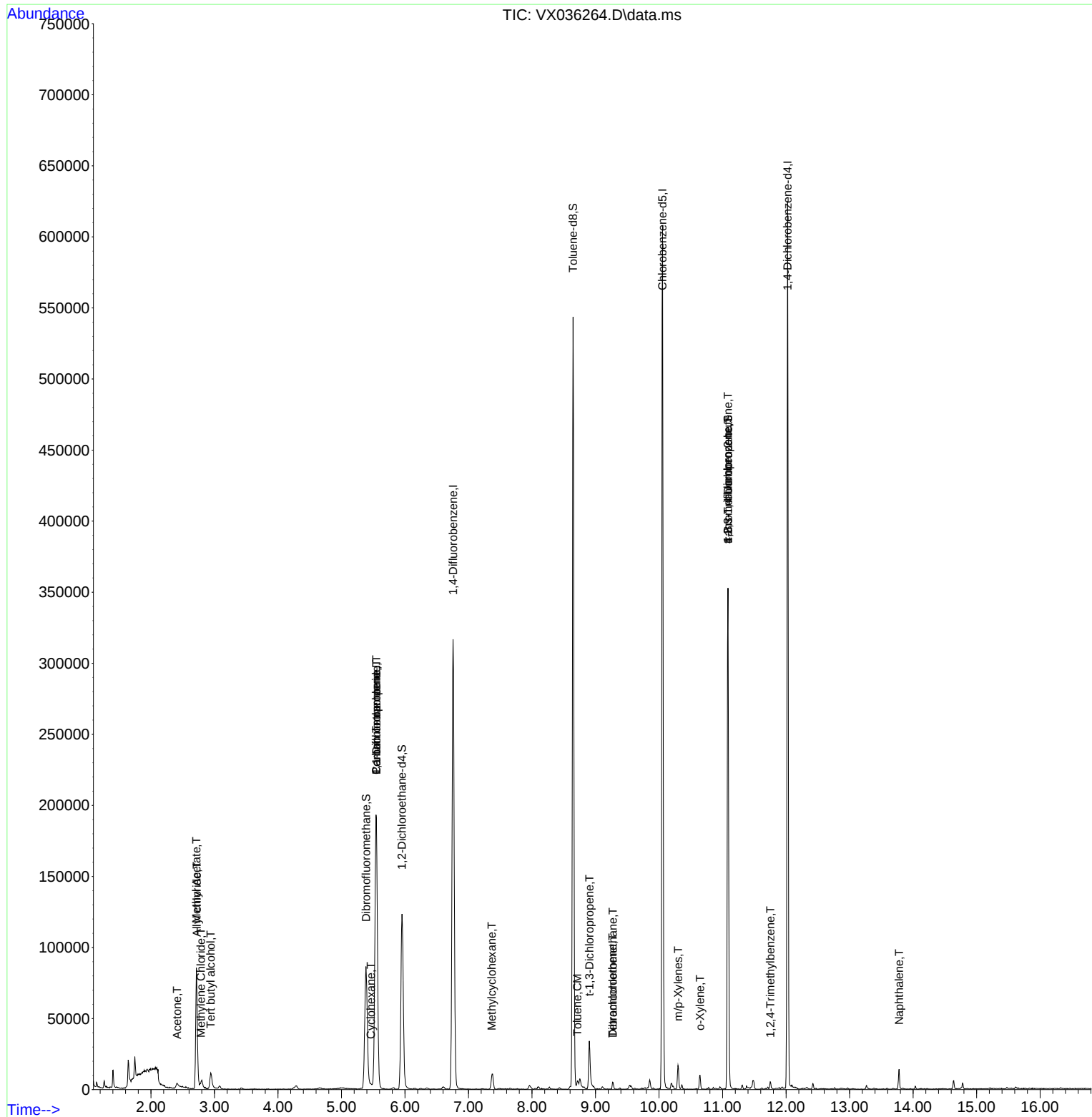
Internal Standards						
1) Pentafluorobenzene	5.550	168	172121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	306628	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	267541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118760	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	118102	37.547	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	75.100%#
35) Dibromofluoromethane	5.385	113	73913	35.547	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	71.100%#
50) Toluene-d8	8.647	98	305574	40.176	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	80.360%#
62) 4-Bromofluorobenzene	11.085	95	107194	34.914	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	69.820%#
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	7778	16.175	ug/l #	78
14) Allyl chloride	2.721	41	1721	0.458	ug/l #	25
16) Acetone	2.410	43	5708	4.368	ug/l	92
18) Methyl Acetate	2.715	43	104640	21.113	ug/l	100
20) Methylene Chloride	2.788	84	975	0.412	ug/l #	49
31) Cyclohexane	5.464	56	2404	0.712	ug/l #	92
36) 1,1-Dichloropropene	5.550	75	15644	5.108	ug/l #	50
38) Carbon Tetrachloride	5.550	117	19052	6.399	ug/l #	14
39) Methylcyclohexane	7.366	83	4460	1.352	ug/l	90
52) Toluene	8.714	92	2346	0.435	ug/l	92
53) t-1,3-Dichloropropene	8.903	75	12019	3.726	ug/l #	43
60) Dibromochloromethane	9.275	129	862	0.397	ug/l #	11
64) Tetrachloroethene	9.269	164	766	0.460	ug/l #	72
68) m/p-Xylenes	10.299	106	3596	0.963	ug/l	92
69) o-Xylene	10.646	106	2157	0.585	ug/l	91
76) 1,2,3-Trichloropropane	11.085	75	57194	20.292	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	57194	71.027	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.756	105	2209	0.295	ug/l	86
95) Naphthalene	13.780	128	8341	1.104	ug/l	99

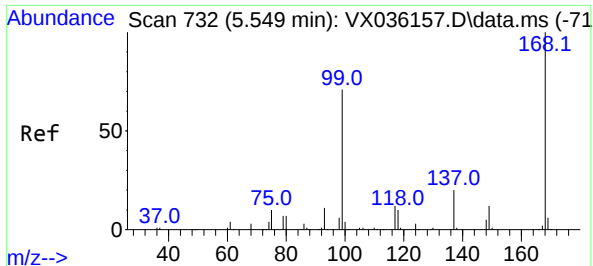
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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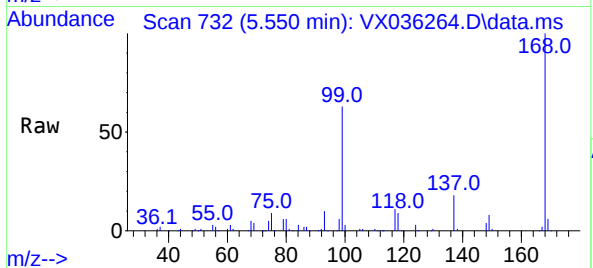
Quant Time: Jun 22 05:01:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260
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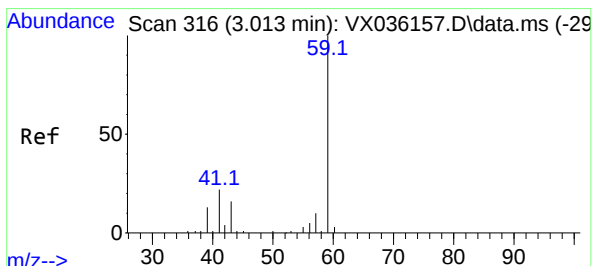
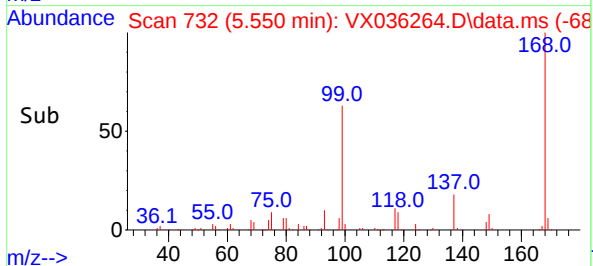
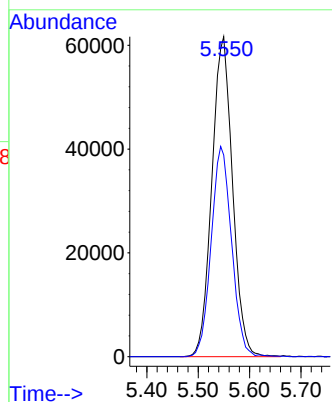


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036264.D
Acq: 21 Jun 2023 12:38

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB8-GRAB-6

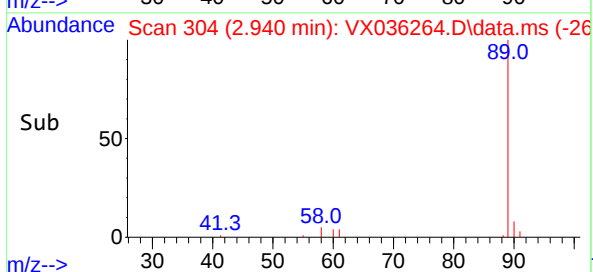
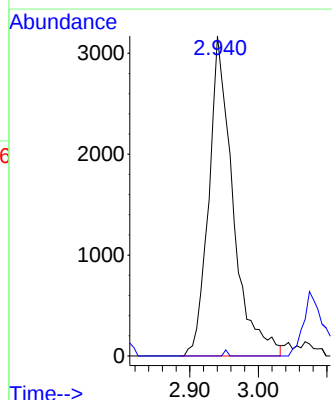
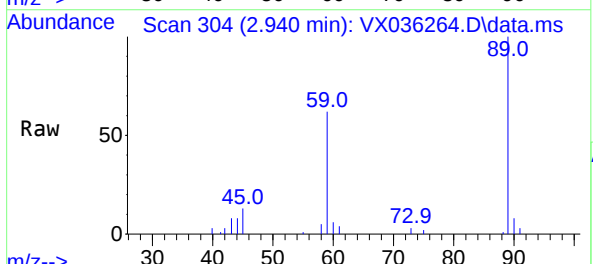


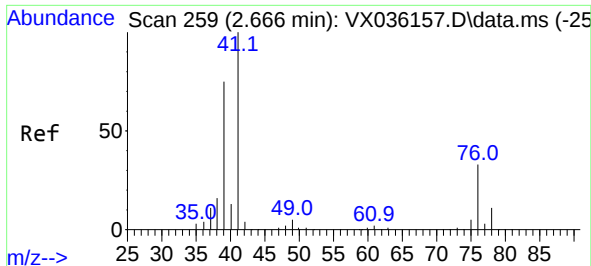
Tgt Ion:168 Resp: 172121
Ion Ratio Lower Upper
168 100
99 63.0 56.6 85.0



#11
Tert butyl alcohol
Concen: 16.175 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.073 min
Lab File: VX036264.D
Acq: 21 Jun 2023 12:38

Tgt Ion: 59 Resp: 7778
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

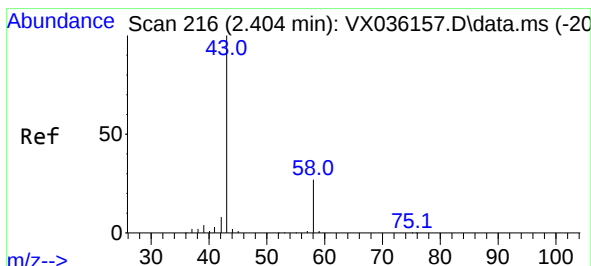
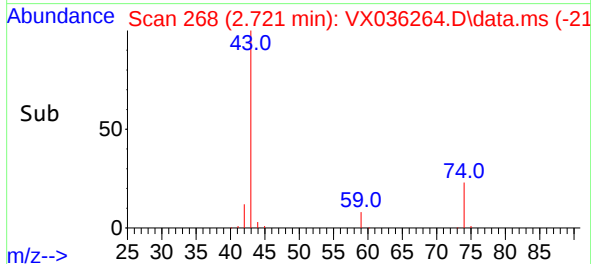
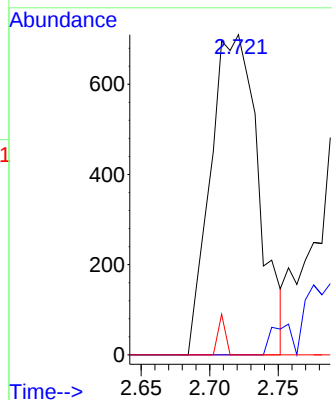
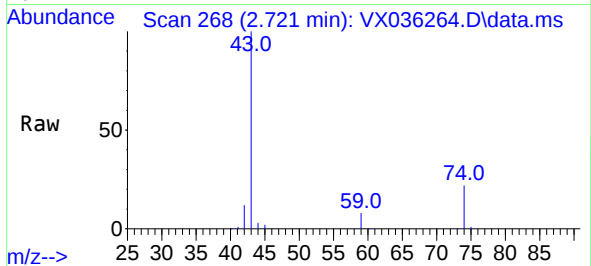




#14
 Allyl chloride
 Concen: 0.458 ug/l
 RT: 2.721 min Scan# 217
 Delta R.T. 0.055 min
 Lab File: VX036264.D
 Acq: 21 Jun 2023 12:38

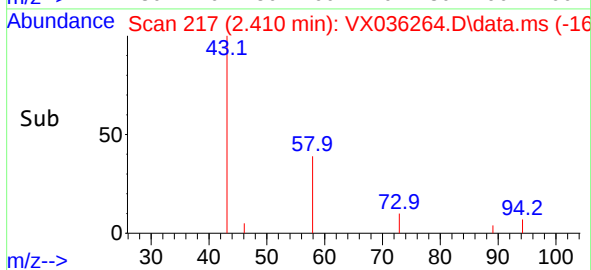
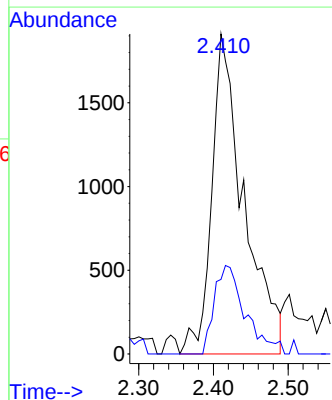
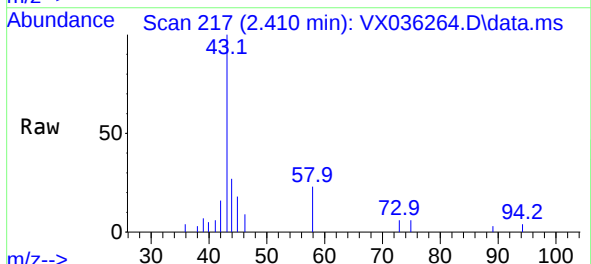
Instrument :
 MSVOA_X
 ClientSampleId :
 TOTAL-VOC-SB8-GRAB-6

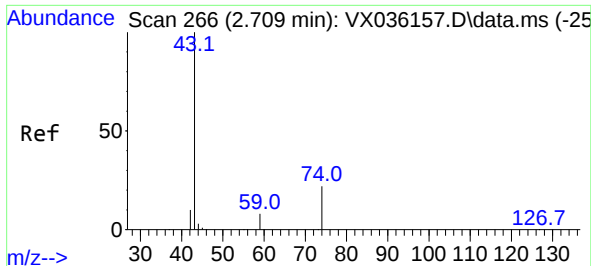
Tgt Ion: 41 Resp: 1721
 Ion Ratio Lower Upper
 41 100
 39 0.0 55.8 83.6#
 76 1.9 24.3 36.5#



#16
 Acetone
 Concen: 4.368 ug/l
 RT: 2.410 min Scan# 217
 Delta R.T. 0.006 min
 Lab File: VX036264.D
 Acq: 21 Jun 2023 12:38

Tgt Ion: 43 Resp: 5708
 Ion Ratio Lower Upper
 43 100
 58 23.3 21.9 32.9





#18

Methyl Acetate

Concen: 21.113 ug/l

RT: 2.715 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX036264.D

Acq: 21 Jun 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

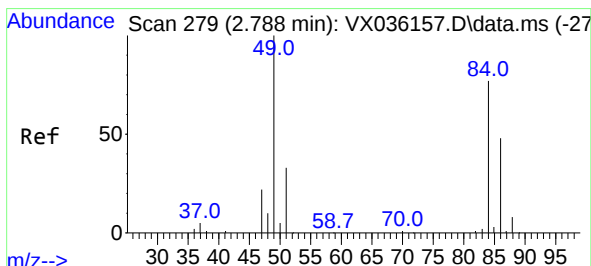
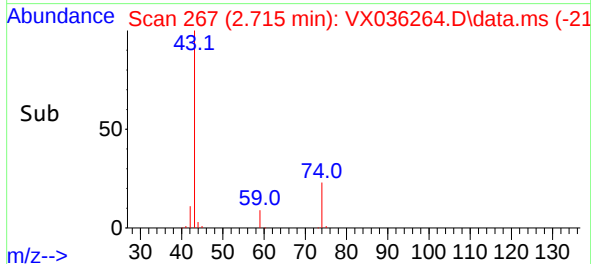
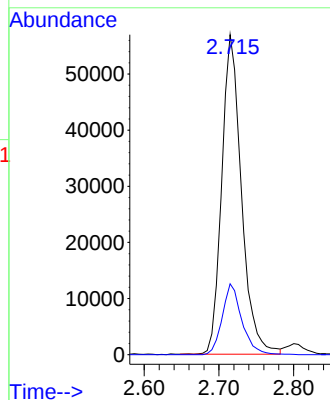
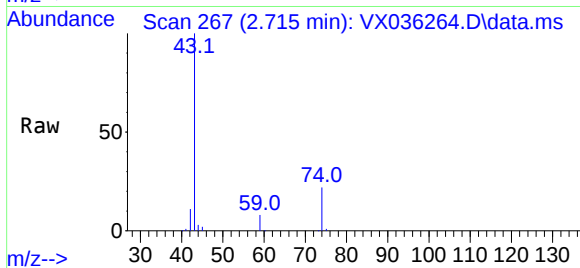
TOTAL-VOC-SB8-GRAB-6

Tgt Ion: 43 Resp: 104640

Ion Ratio Lower Upper

43 100

74 22.1 17.8 26.8



#20

Methylene Chloride

Concen: 0.412 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX036264.D

Acq: 21 Jun 2023 12:38

Tgt Ion: 84 Resp: 975

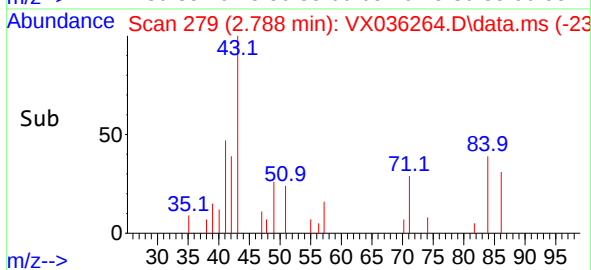
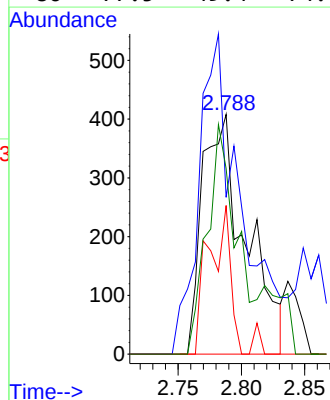
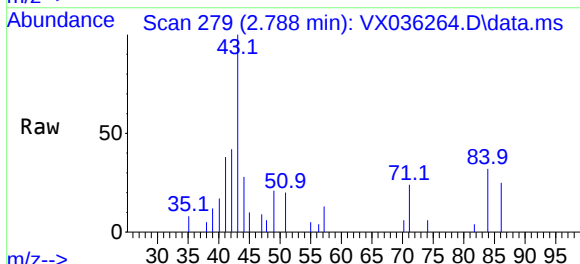
Ion Ratio Lower Upper

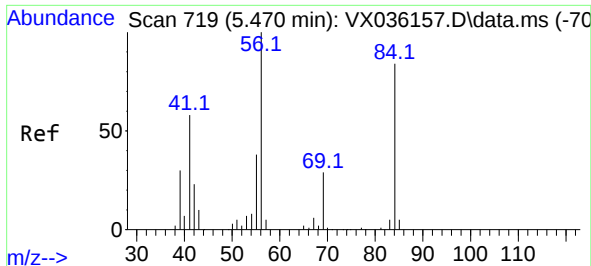
84 100

49 45.1 103.6 155.4#

51 62.0 33.8 50.6#

86 77.5 49.4 74.0#

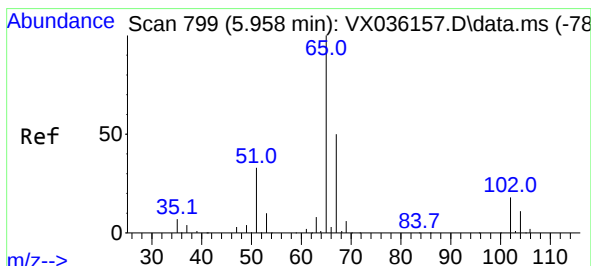
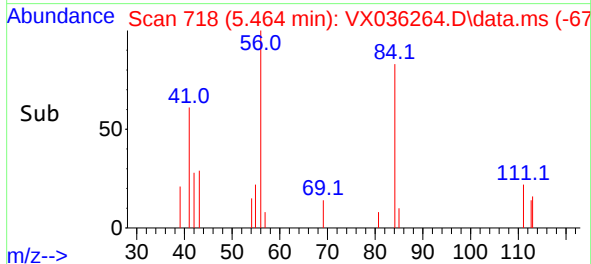
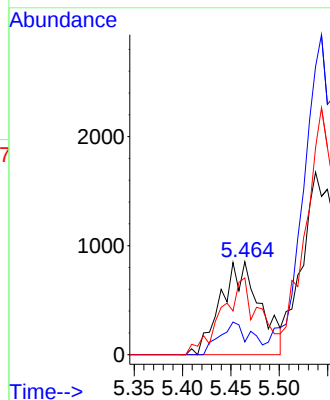
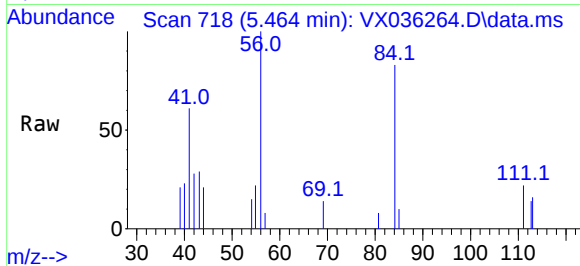




#31
Cyclohexane
Concen: 0.712 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX036264.D
Acq: 21 Jun 2023 12:38

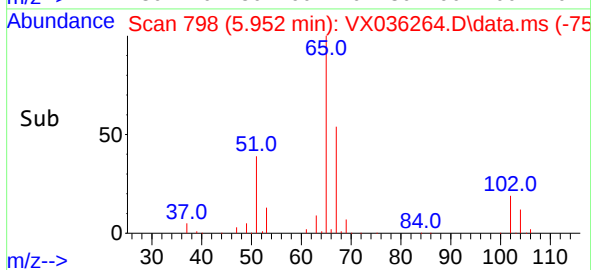
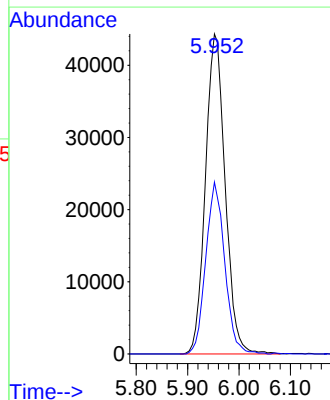
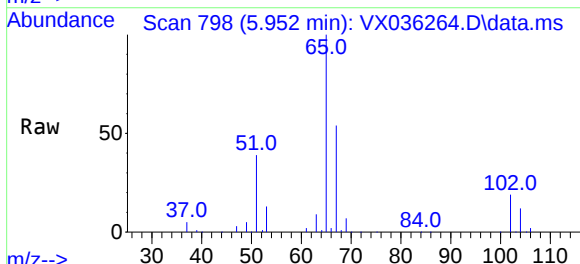
Instrument :
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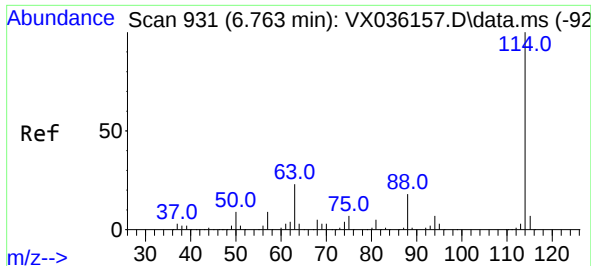
Tgt Ion: 56 Resp: 2404
Ion Ratio Lower Upper
56 100
69 13.8 23.4 35.2#
84 82.6 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 37.547 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX036264.D
Acq: 21 Jun 2023 12:38

Tgt Ion: 65 Resp: 118102
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

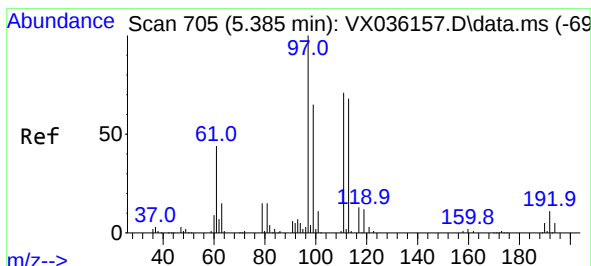
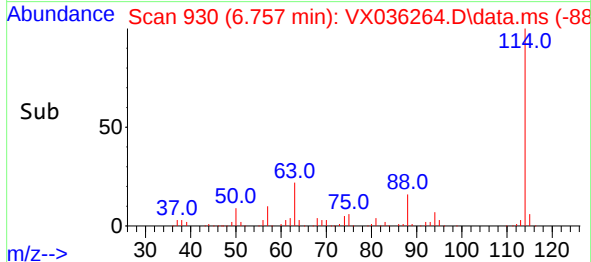
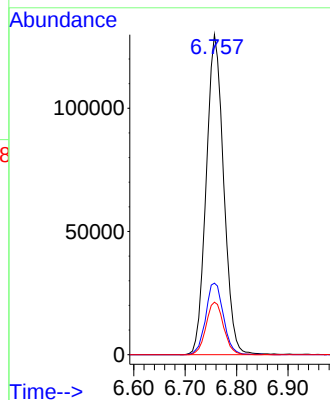
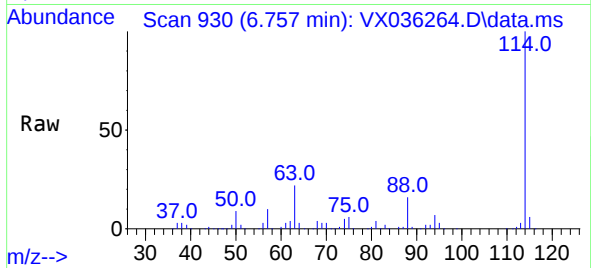




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX036264.D
Acq: 21 Jun 2023 12:38

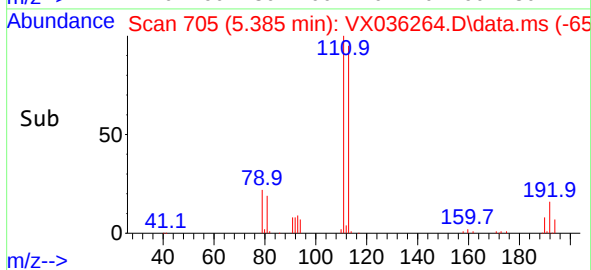
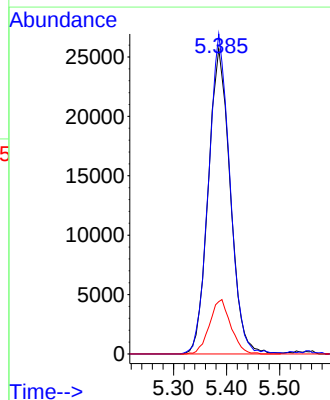
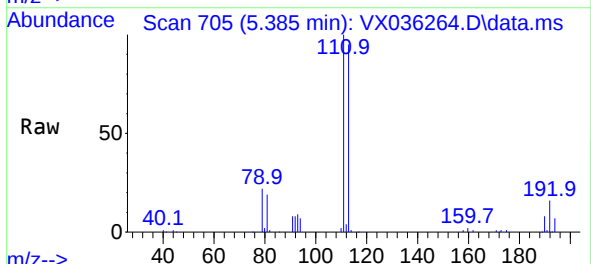
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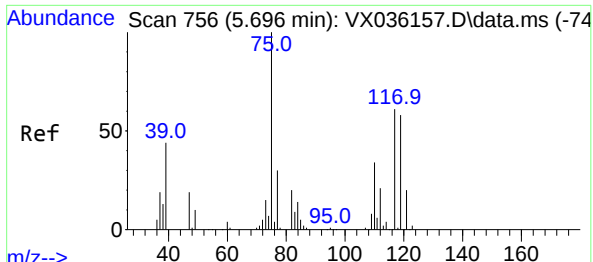
Tgt Ion:114 Resp: 306628
Ion Ratio Lower Upper
114 100
63 22.4 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 35.547 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036264.D
Acq: 21 Jun 2023 12:38

Tgt Ion:113 Resp: 73913
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 17.3 13.3 19.9



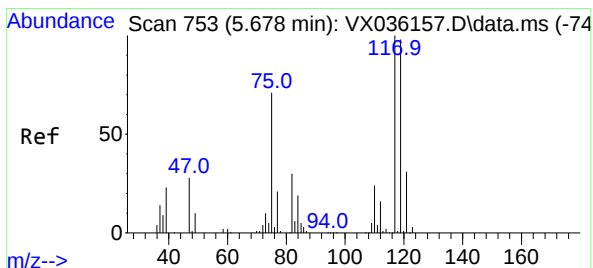
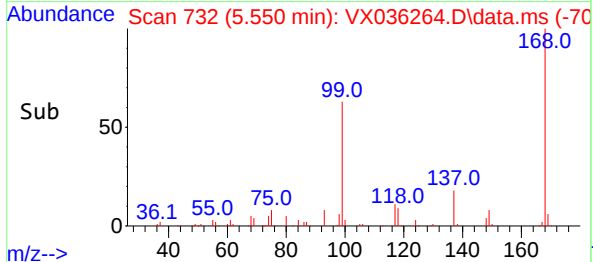
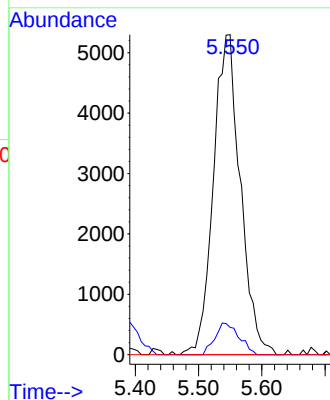
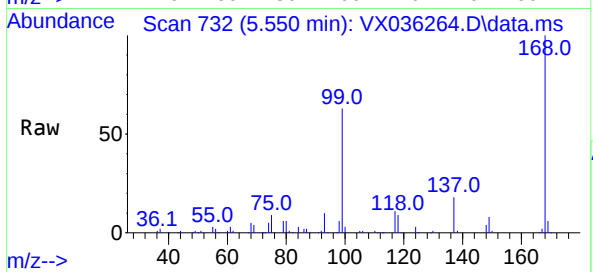


#36
1,1-Dichloropropene
Concen: 5.108 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX036264.D
Acq: 21 Jun 2023 12:38

Instrument :
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Tgt Ion: 75 Resp: 15644

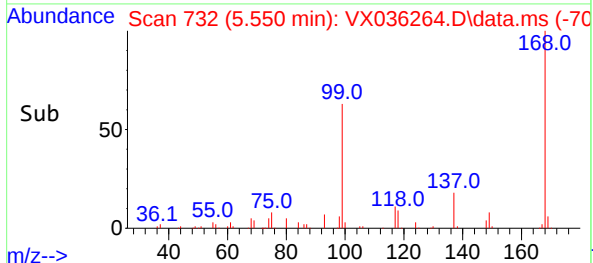
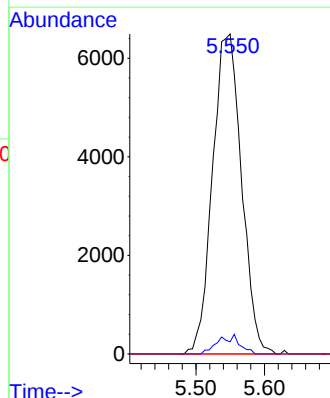
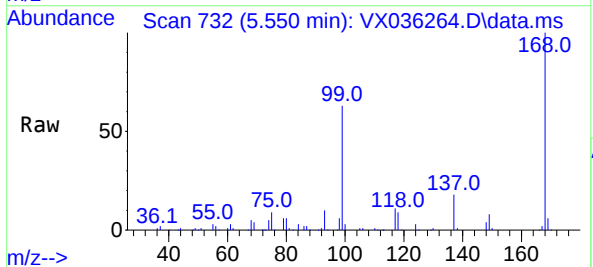
Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.0	50.9#
77	0.0	24.7	37.1#

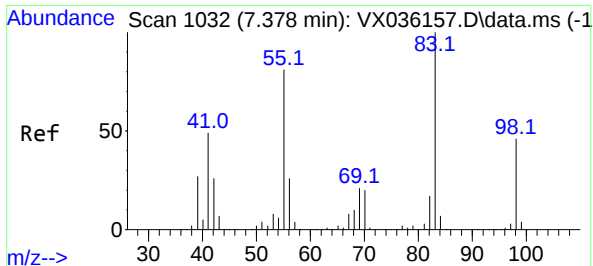


#38
Carbon Tetrachloride
Concen: 6.399 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036264.D
Acq: 21 Jun 2023 12:38

Tgt Ion: 117 Resp: 19052

Ion	Ratio	Lower	Upper
117	100		
119	3.8	78.2	117.2#
121	0.0	24.4	36.6#





#39

Methylcyclohexane

Concen: 1.352 ug/l

RT: 7.366 min Scan# 1032

Delta R.T. -0.012 min

Lab File: VX036264.D

Acq: 21 Jun 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

TOTAL-VOC-SB8-GRAB-6

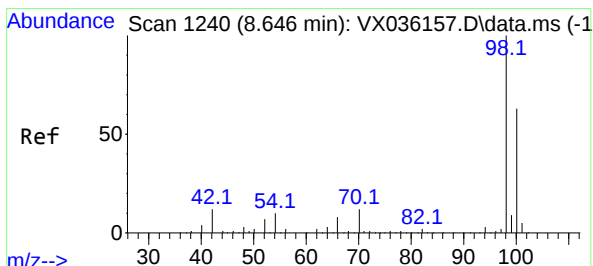
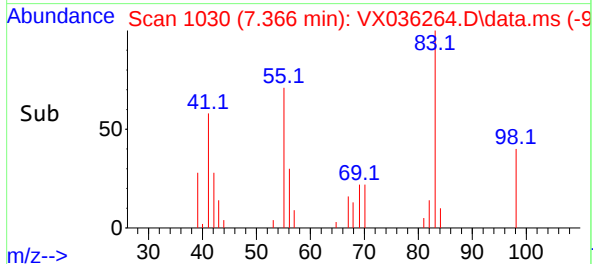
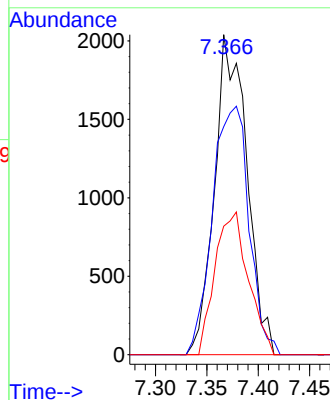
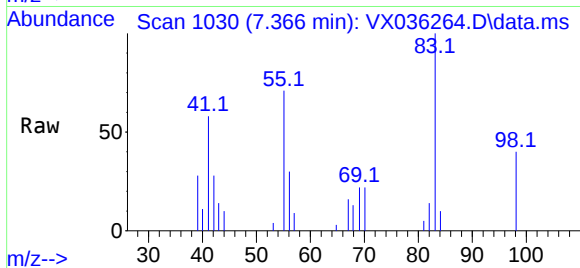
Tgt Ion: 83 Resp: 4460

Ion Ratio Lower Upper

83 100

55 71.3 64.6 97.0

98 40.1 36.7 55.1



#50

Toluene-d8

Concen: 40.176 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX036264.D

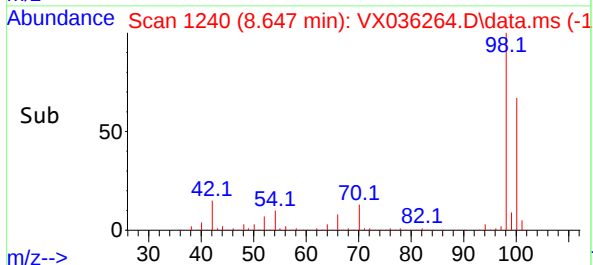
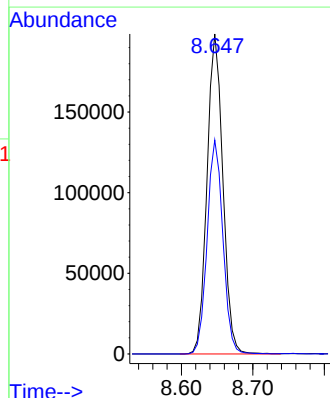
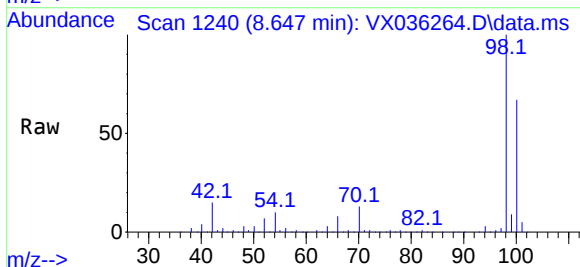
Acq: 21 Jun 2023 12:38

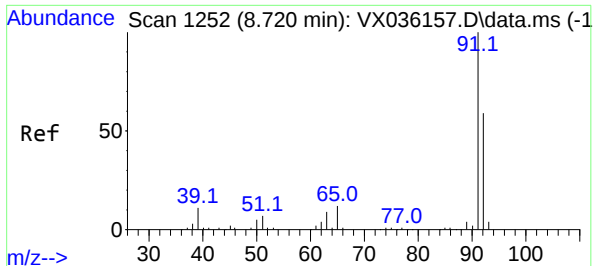
Tgt Ion: 98 Resp: 305574

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7





#52

Toluene

Concen: 0.435 ug/l

RT: 8.714 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX036264.D

Acq: 21 Jun 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

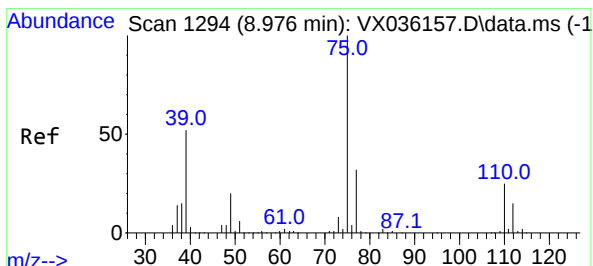
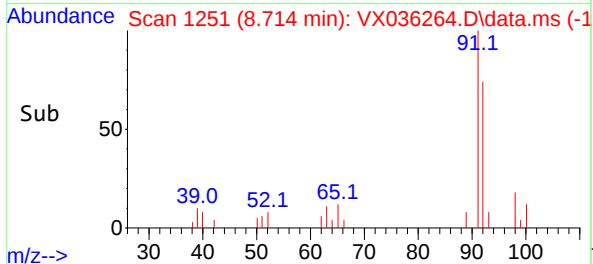
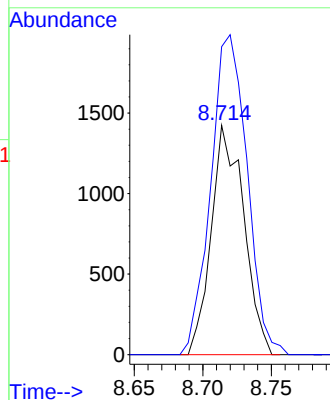
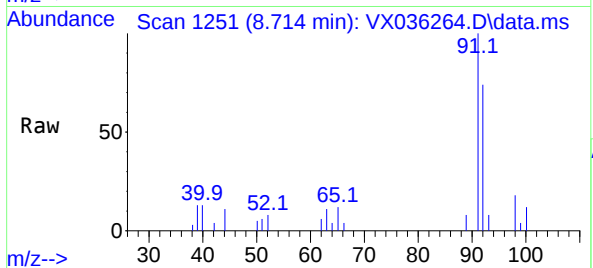
TOTAL-VOC-SB8-GRAB-6

Tgt Ion: 92 Resp: 2346

Ion Ratio Lower Upper

92 100

91 156.5 134.2 201.2



#53

t-1,3-Dichloropropene

Concen: 3.726 ug/l

RT: 8.903 min Scan# 1282

Delta R.T. -0.073 min

Lab File: VX036264.D

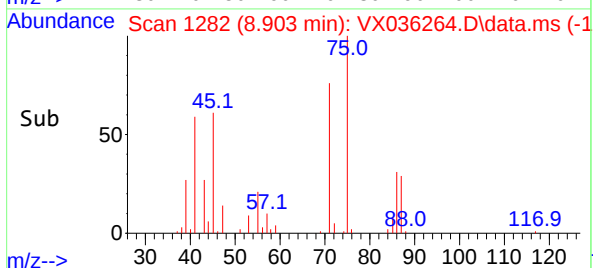
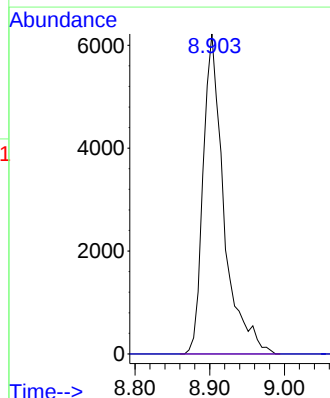
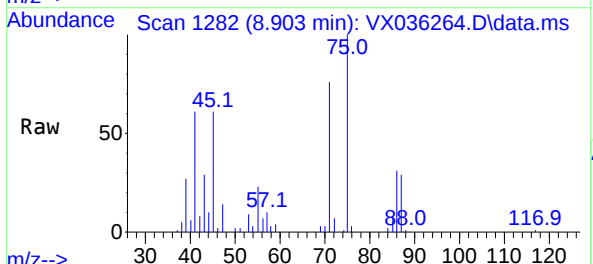
Acq: 21 Jun 2023 12:38

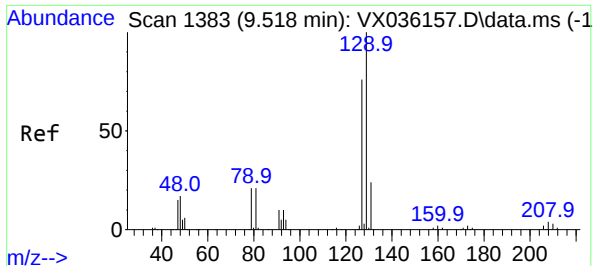
Tgt Ion: 75 Resp: 12019

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#





#60

Dibromochloromethane

Concen: 0.397 ug/l

RT: 9.275 min Scan# 11

Delta R.T. -0.243 min

Lab File: VX036264.D

Acq: 21 Jun 2023 12:38

Instrument :

MSVOA_X

ClientSampleId :

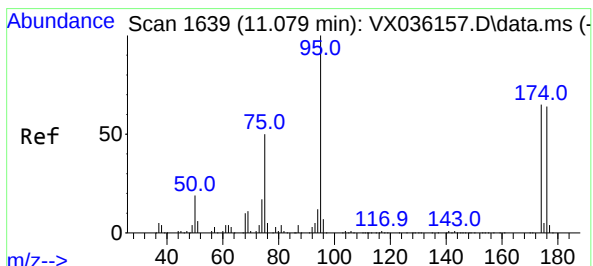
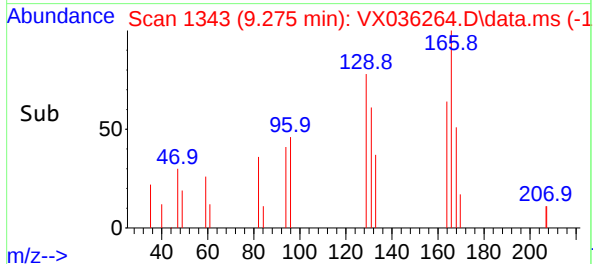
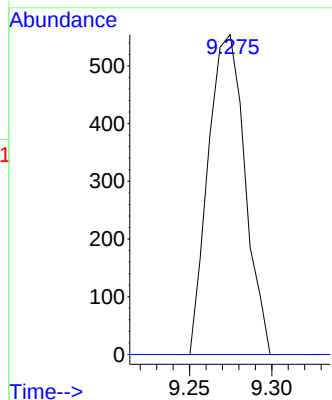
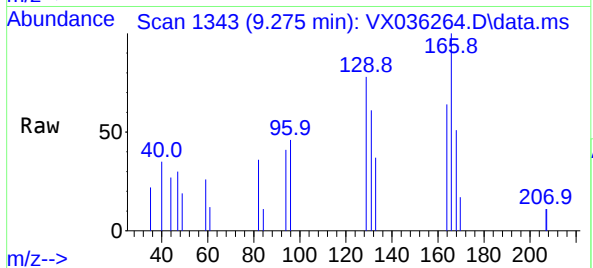
TOTAL-VOC-SB8-GRAB-6

Tgt Ion:129 Resp: 862

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#



#62

4-Bromofluorobenzene

Concen: 34.914 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX036264.D

Acq: 21 Jun 2023 12:38

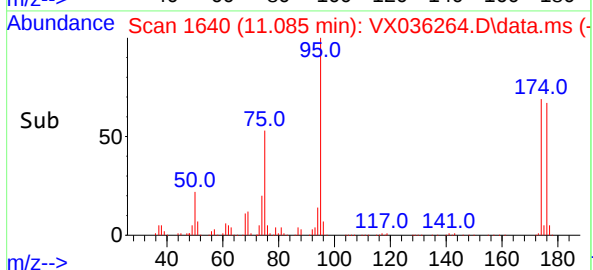
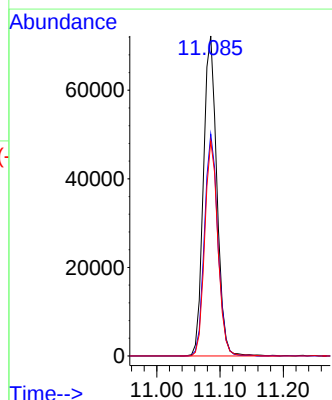
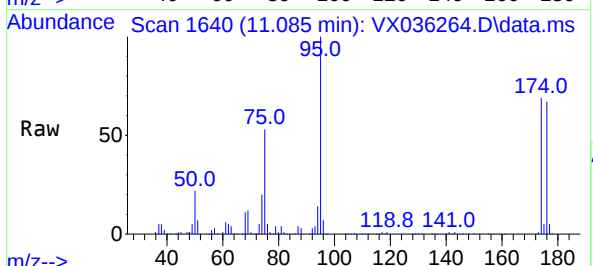
Tgt Ion: 95 Resp: 107194

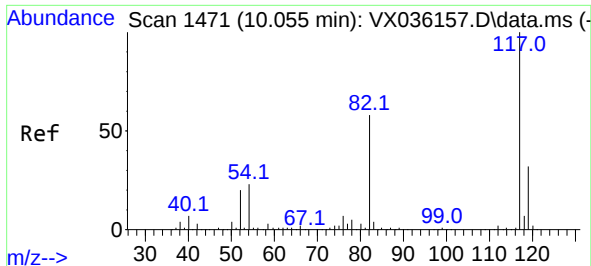
Ion Ratio Lower Upper

95 100

174 68.7 0.0 135.6

176 65.4 0.0 131.0

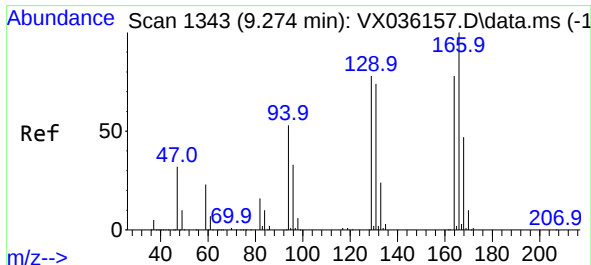
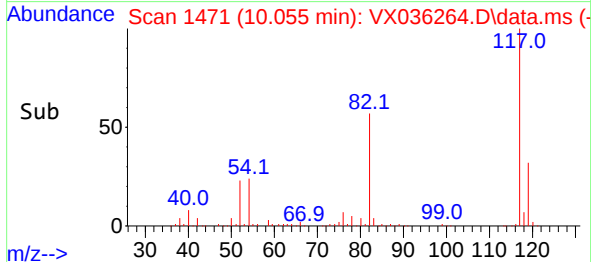
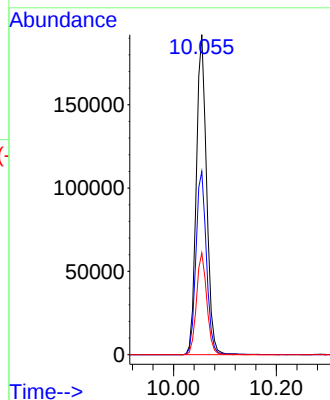
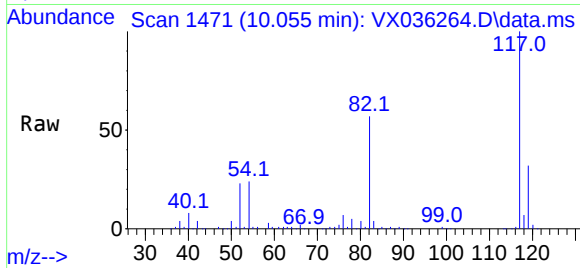




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036264.D
Acq: 21 Jun 2023 12:38

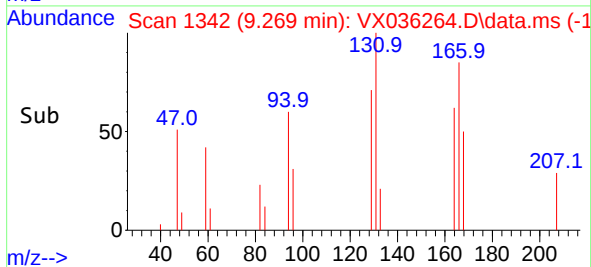
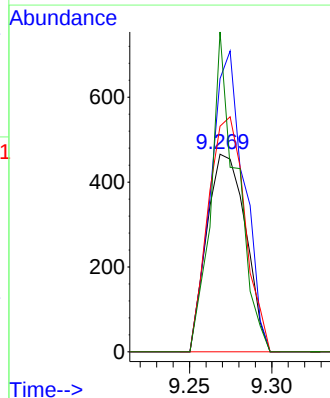
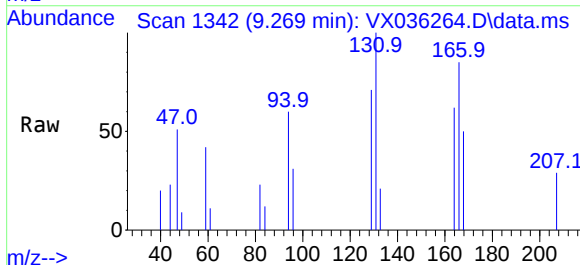
Instrument : MSVOA_X
ClientSampleId : TOTAL-VOC-SB8-GRAB-6

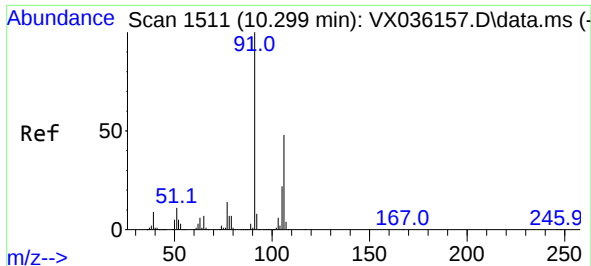
Tgt Ion:117 Resp: 267541
Ion Ratio Lower Upper
117 100
82 57.3 46.2 69.4
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 0.460 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.005 min
Lab File: VX036264.D
Acq: 21 Jun 2023 12:38

Tgt Ion:164 Resp: 766
Ion Ratio Lower Upper
164 100
166 138.2 102.7 154.1
129 114.2 80.4 120.6
131 161.8 76.5 114.7#

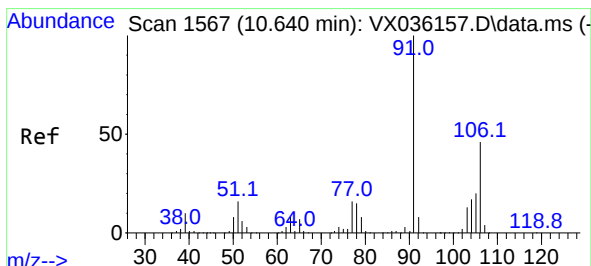
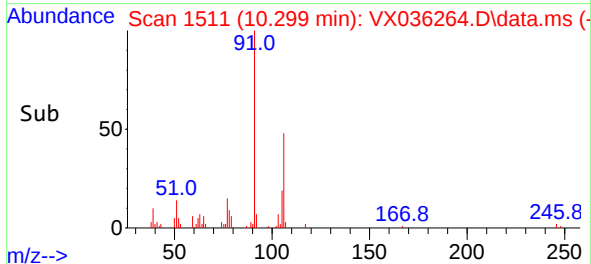
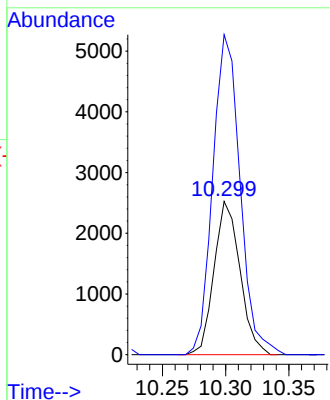
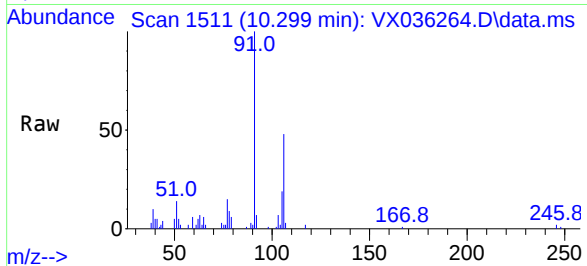




#68
m/p-Xylenes
Concen: 0.963 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036264.D
Acq: 21 Jun 2023 12:38

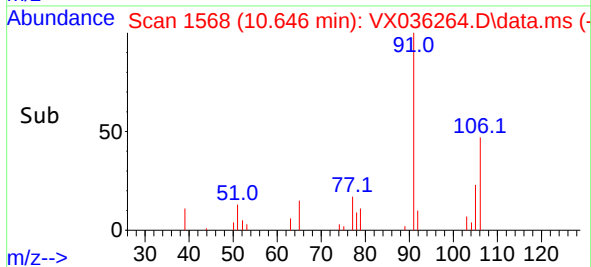
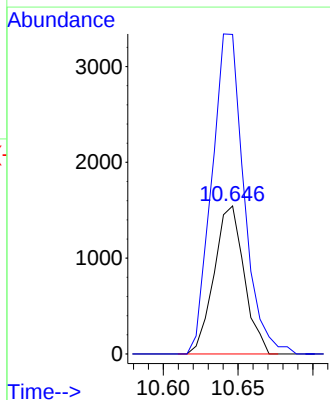
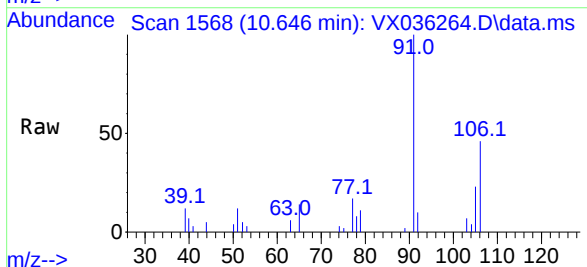
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB8-GRAB-6

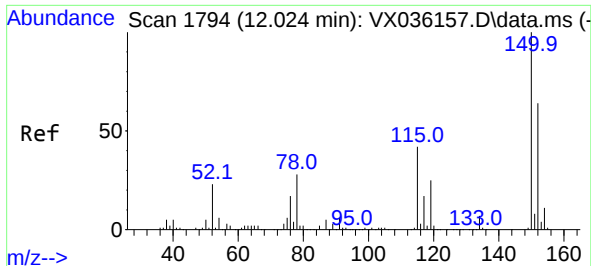
Tgt Ion:106 Resp: 3596
Ion Ratio Lower Upper
106 100
91 219.8 165.5 248.3



#69
o-Xylene
Concen: 0.585 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX036264.D
Acq: 21 Jun 2023 12:38

Tgt Ion:106 Resp: 2157
Ion Ratio Lower Upper
106 100
91 231.6 108.9 326.8

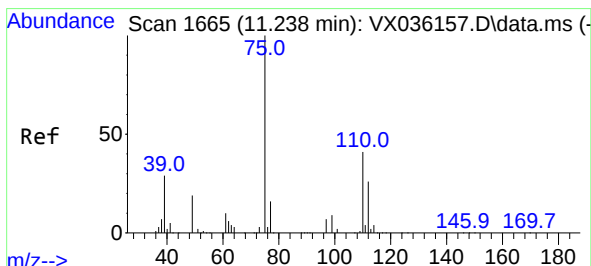
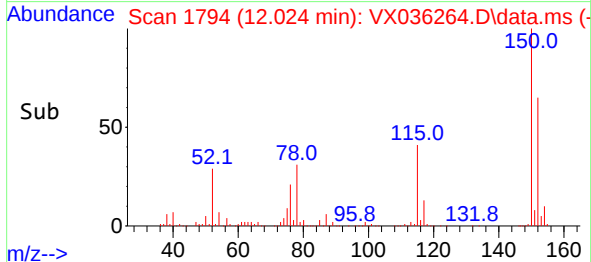
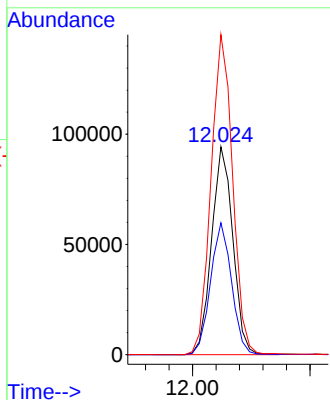
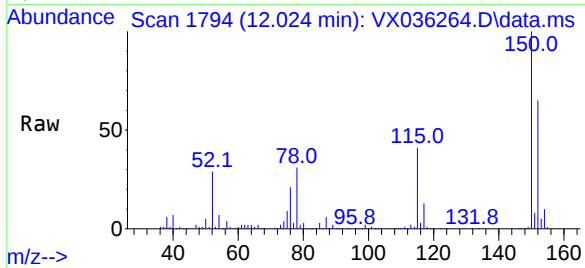




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036264.D
Acq: 21 Jun 2023 12:38

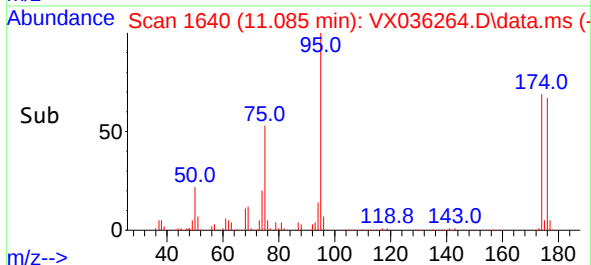
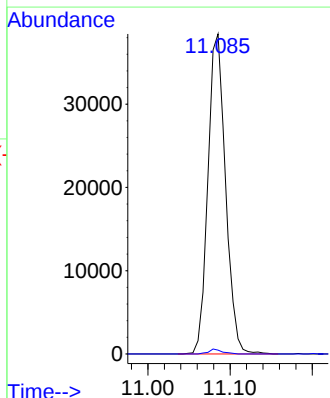
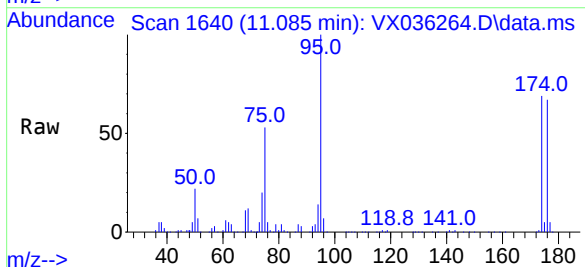
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB8-GRAB-6

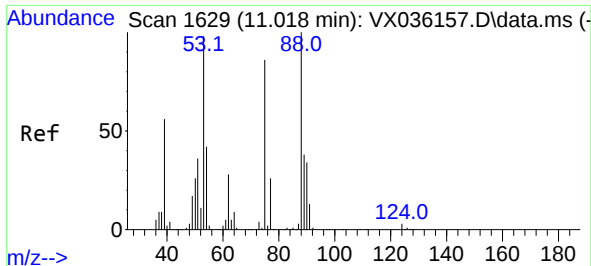
Tgt Ion:152 Resp: 118760
Ion Ratio Lower Upper
152 100
115 63.0 43.3 129.9
150 156.7 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 20.292 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.153 min
Lab File: VX036264.D
Acq: 21 Jun 2023 12:38

Tgt Ion: 75 Resp: 57194
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

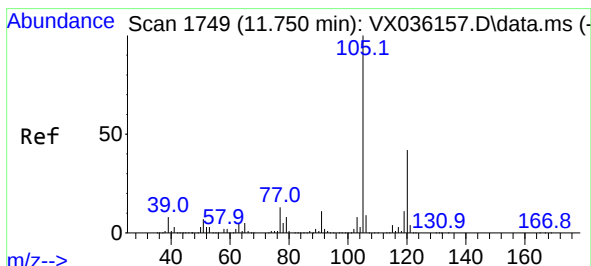
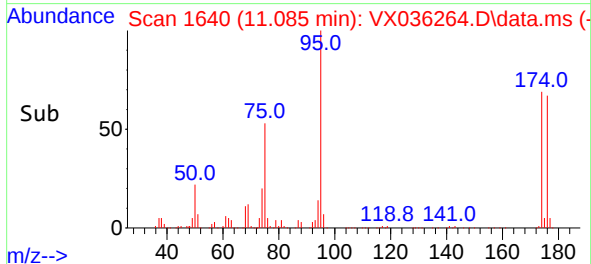
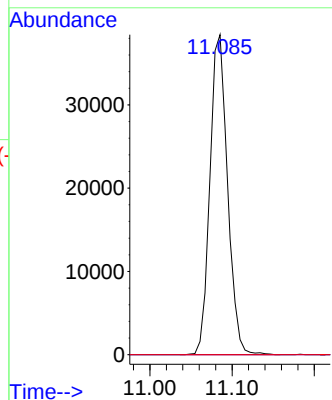
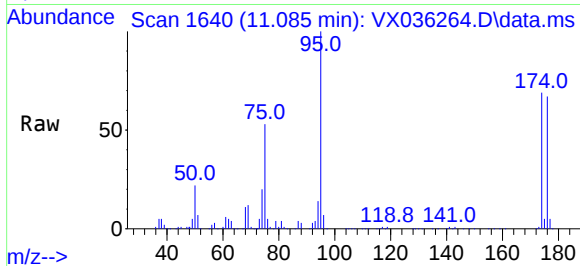




#81
trans-1,4-Dichloro-2-butene
Concen: 71.027 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX036264.D
Acq: 21 Jun 2023 12:38

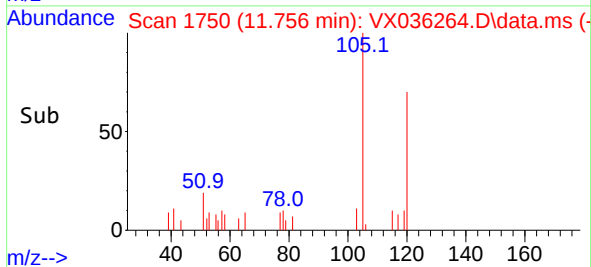
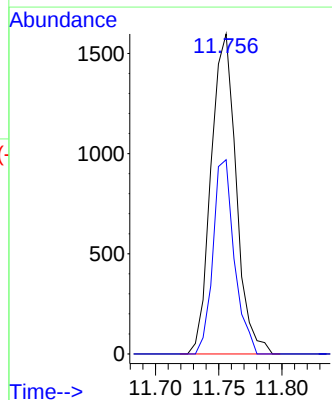
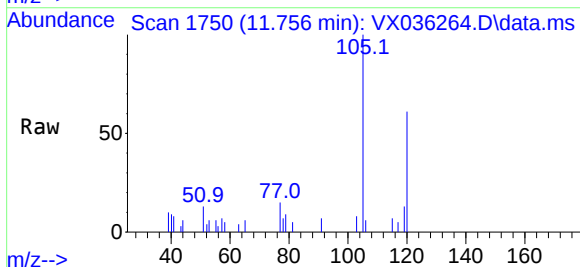
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB8-GRAB-6

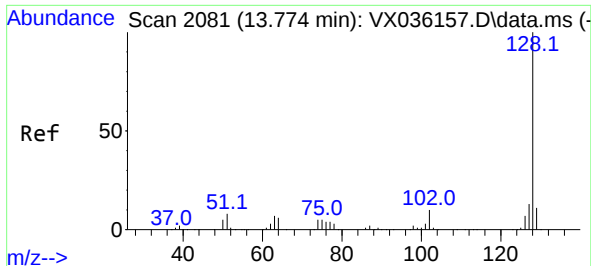
Tgt Ion: 75 Resp: 57194
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.295 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX036264.D
Acq: 21 Jun 2023 12:38

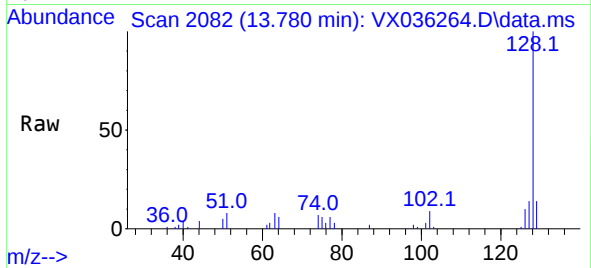
Tgt Ion: 105 Resp: 2209
Ion Ratio Lower Upper
105 100
120 51.5 21.2 63.6





#95
Naphthalene
Concen: 1.104 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX036264.D
Acq: 21 Jun 2023 12:38

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB8-GRAB-6



Tgt Ion:	128	Resp:	8341
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	11.5	8.8	13.2

