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 Data File : VX036265.D
 Acq On : 21 Jun 2023 13:01
 Operator : JC/MD
 Sample : 03331-06
 Misc : 22.16g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOTAL-VOC-SB8-GRAB-7

Quant Time: Jun 22 05:01:11 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

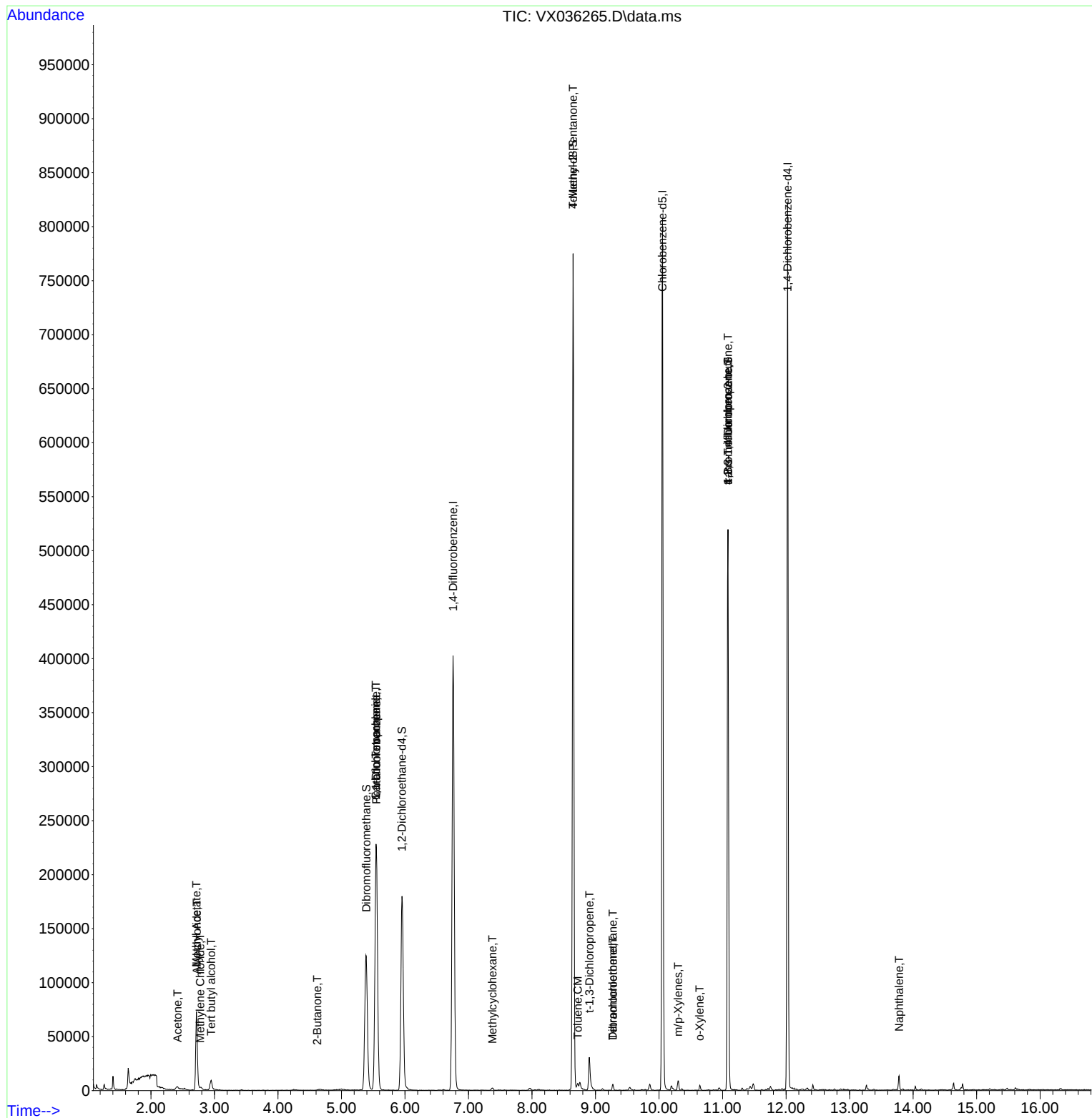
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	203070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	394227	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	350961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	174011	46.891	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.780%
35) Dibromofluoromethane	5.391	113	109737	41.049	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	82.100%
50) Toluene-d8	8.647	98	429134	43.884	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.760%#
62) 4-Bromofluorobenzene	11.085	95	154542	39.151	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	78.300%#
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	5759	10.151	ug/l #	78
14) Allyl chloride	2.721	41	1597	0.360	ug/l #	26
16) Acetone	2.416	43	3780	2.452	ug/l	93
18) Methyl Acetate	2.715	43	89904	15.375	ug/l	99
20) Methylene Chloride	2.776	84	1179	0.422	ug/l #	86
25) 2-Butanone	4.617	43	476	0.221	ug/l #	51
36) 1,1-Dichloropropene	5.544	75	19552	4.965	ug/l #	50
38) Carbon Tetrachloride	5.544	117	22433	5.860	ug/l #	15
39) Methylcyclohexane	7.379	83	1034	0.244	ug/l #	90
51) 4-Methyl-2-Pentanone	8.647	43	2825	0.637	ug/l #	1
52) Toluene	8.720	92	2088	0.301	ug/l	84
53) t-1,3-Dichloropropene	8.903	75	11812	2.848	ug/l #	43
60) Dibromochloromethane	9.275	129	975	0.349	ug/l #	11
64) Tetrachloroethene	9.275	164	1017	0.466	ug/l	93
68) m/p-Xylenes	10.299	106	2002	0.409	ug/l	97
69) o-Xylene	10.640	106	1097	0.227	ug/l	90
76) 1,2,3-Trichloropropane	11.085	75	85120	23.038	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	85120	80.639	ug/l #	5
95) Naphthalene	13.780	128	8065	0.814	ug/l	99

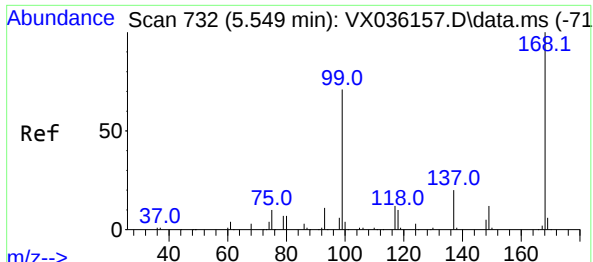
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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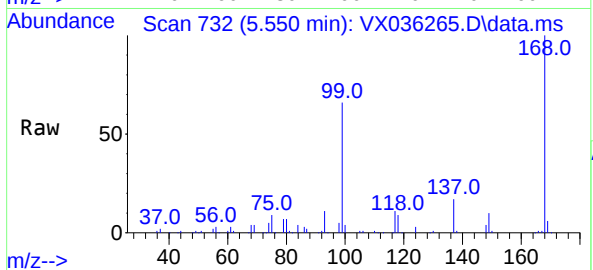
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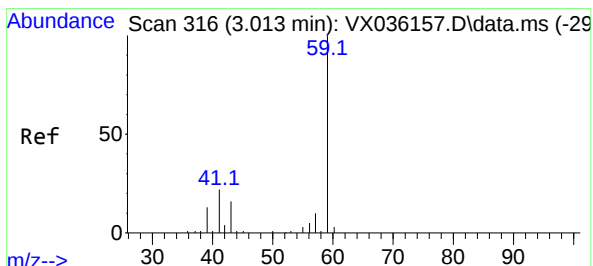
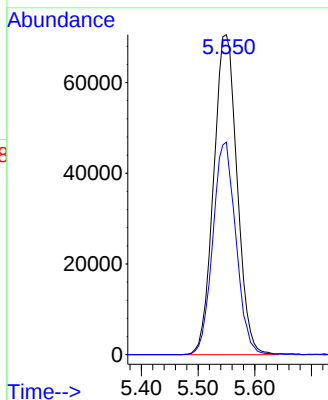
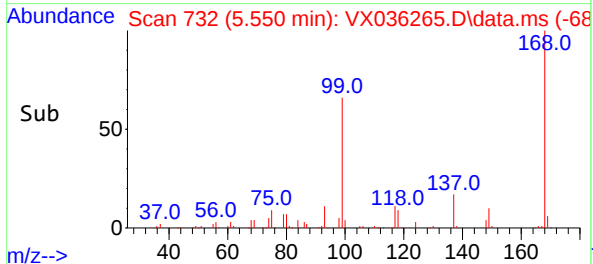


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036265.D
Acq: 21 Jun 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
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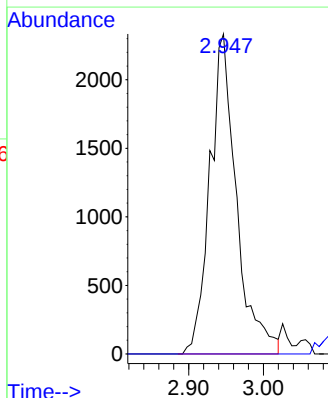
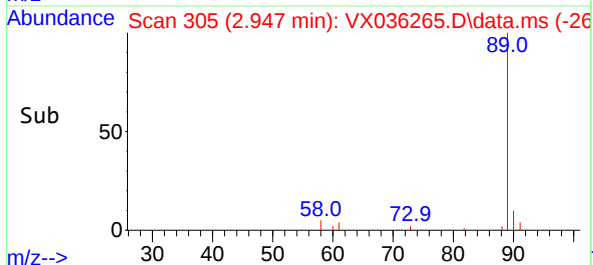
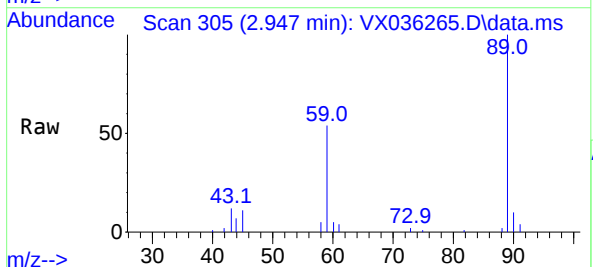


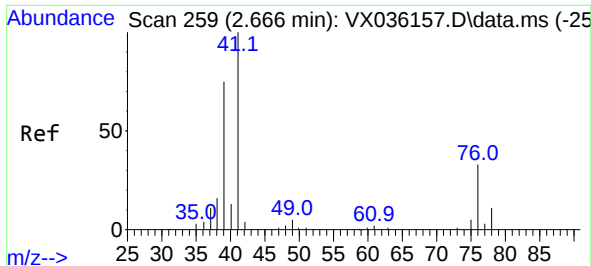
Tgt Ion:168 Resp: 203070
Ion Ratio Lower Upper
168 100
99 66.4 56.6 85.0



#11
Tert butyl alcohol
Concen: 10.151 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.066 min
Lab File: VX036265.D
Acq: 21 Jun 2023 13:01

Tgt Ion: 59 Resp: 5759
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

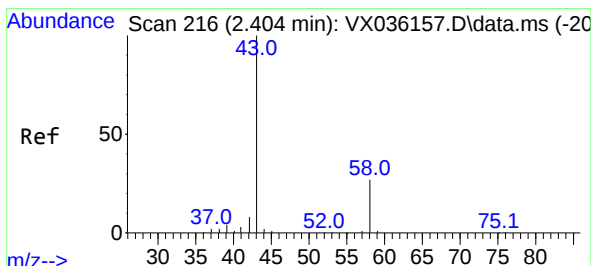
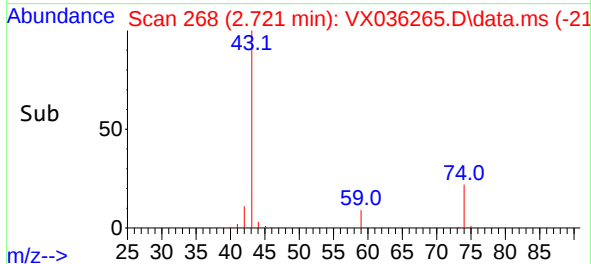
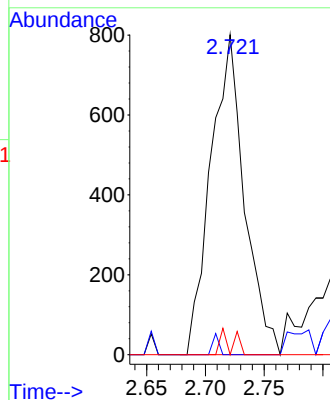
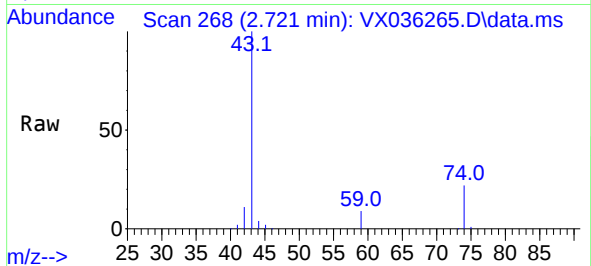




#14
 Allyl chloride
 Concen: 0.360 ug/l
 RT: 2.721 min Scan# 218
 Delta R.T. 0.055 min
 Lab File: VX036265.D
 Acq: 21 Jun 2023 13:01

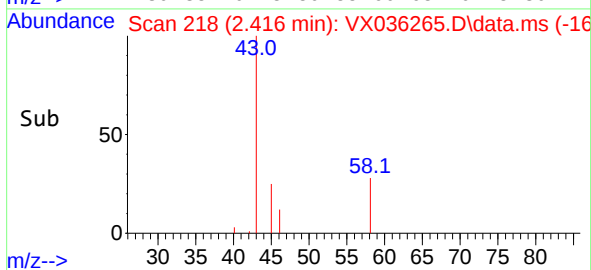
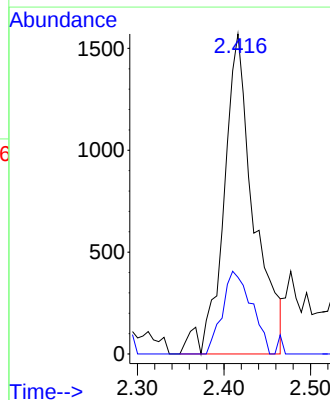
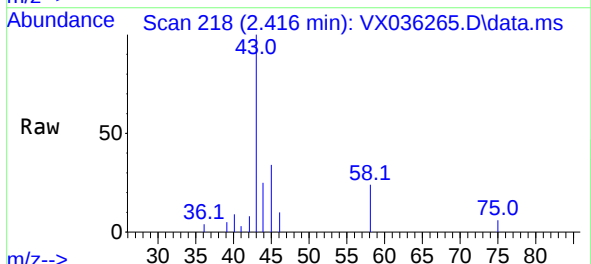
Instrument :
 MSVOA_X
 ClientSampleId :
 TOTAL-VOC-SB8-GRAB-7

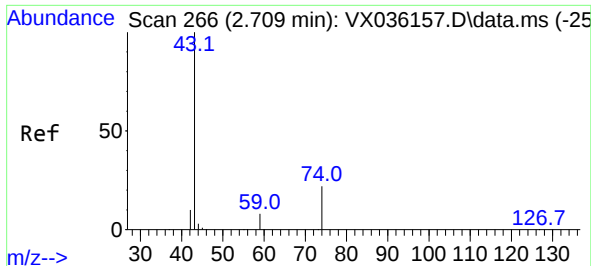
Tgt Ion: 41	Resp: 1597
Ion Ratio	Lower Upper
41 100	
39 1.2	55.8 83.6#
76 2.8	24.3 36.5#



#16
 Acetone
 Concen: 2.452 ug/l
 RT: 2.416 min Scan# 218
 Delta R.T. 0.012 min
 Lab File: VX036265.D
 Acq: 21 Jun 2023 13:01

Tgt Ion: 43	Resp: 3780
Ion Ratio	Lower Upper
43 100	
58 23.9	21.9 32.9

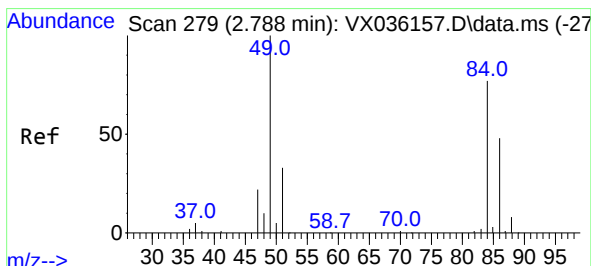
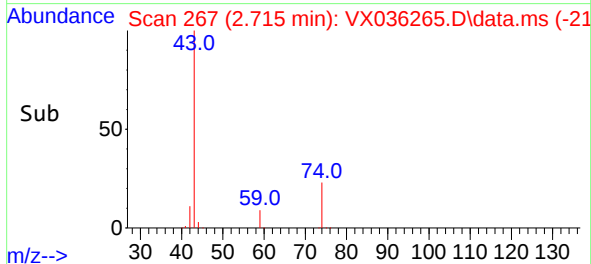
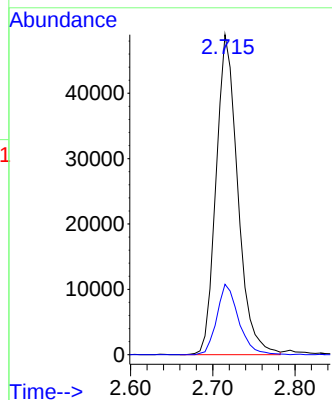
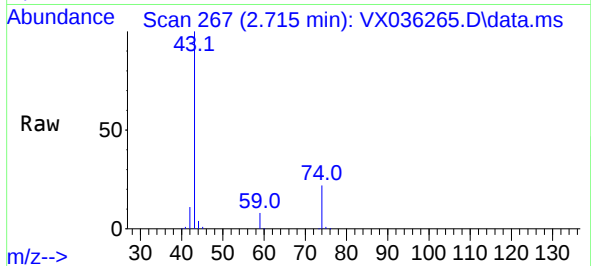




#18
Methyl Acetate
Concen: 15.375 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX036265.D
Acq: 21 Jun 2023 13:01

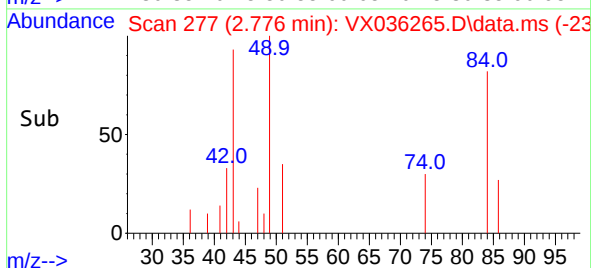
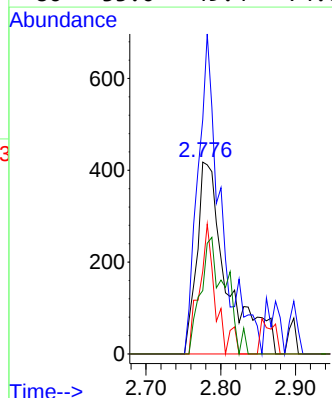
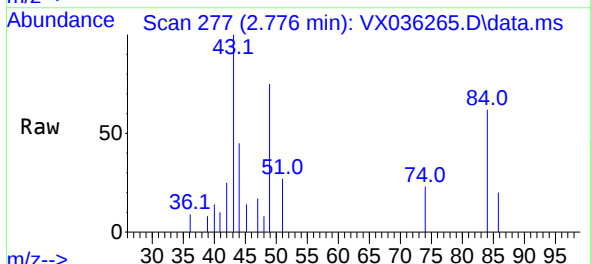
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB8-GRAB-7

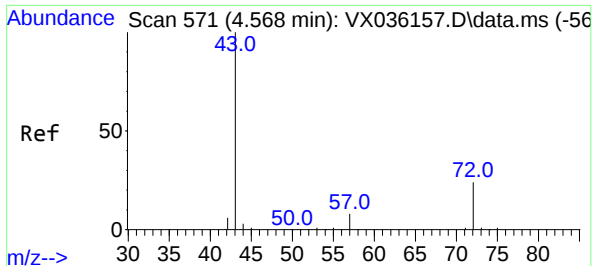
Tgt Ion: 43 Resp: 89904
Ion Ratio Lower Upper
43 100
74 22.0 17.8 26.8



#20
Methylene Chloride
Concen: 0.422 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX036265.D
Acq: 21 Jun 2023 13:01

Tgt Ion: 84 Resp: 1179
Ion Ratio Lower Upper
84 100
49 122.2 103.6 155.4
51 43.1 33.8 50.6
86 33.0 49.4 74.0#

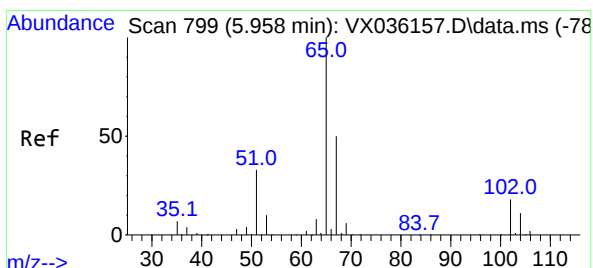
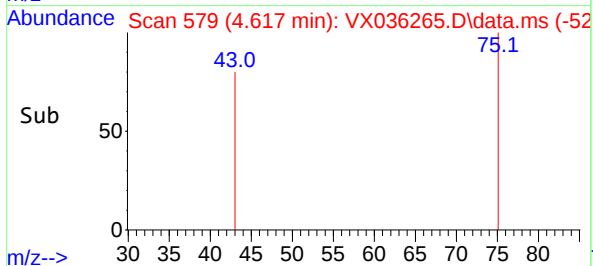
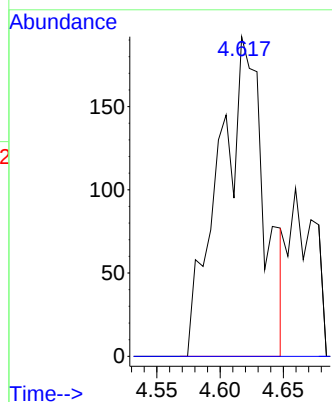
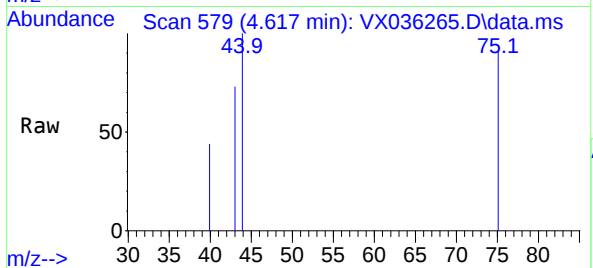




#25
2-Butanone
Concen: 0.221 ug/l
RT: 4.617 min Scan# 51
Delta R.T. 0.049 min
Lab File: VX036265.D
Acq: 21 Jun 2023 13:01

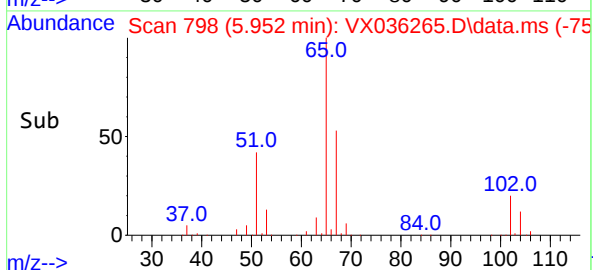
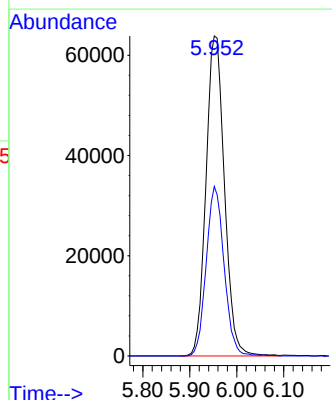
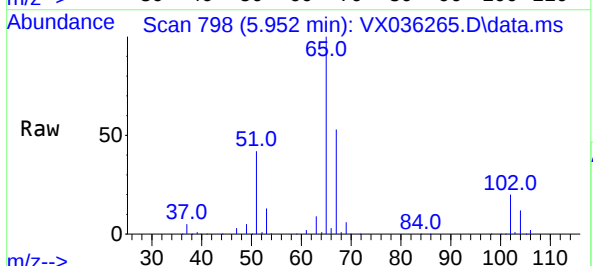
Instrument :
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ClientSampleId :
TOTAL-VOC-SB8-GRAB-7

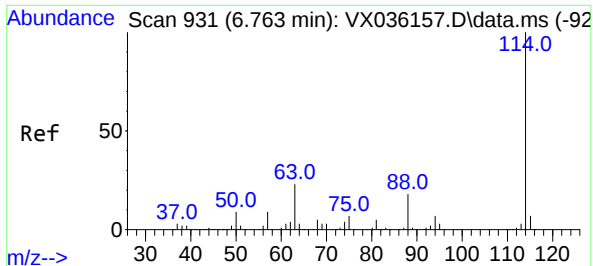
Tgt Ion: 43 Resp: 476
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#33
1,2-Dichloroethane-d4
Concen: 46.891 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX036265.D
Acq: 21 Jun 2023 13:01

Tgt Ion: 65 Resp: 174011
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2

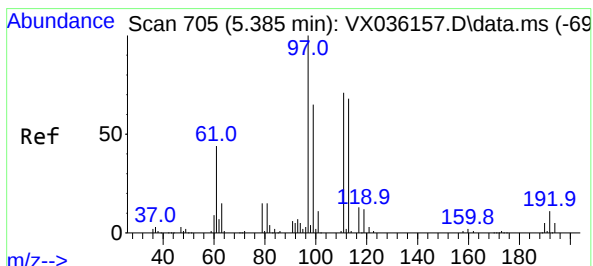
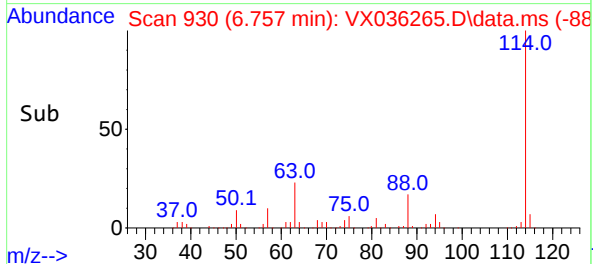
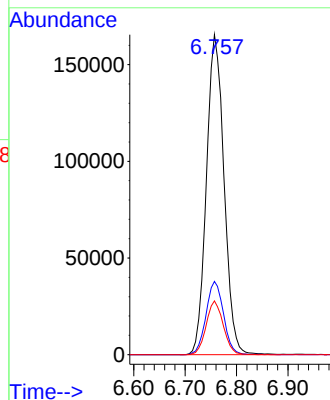
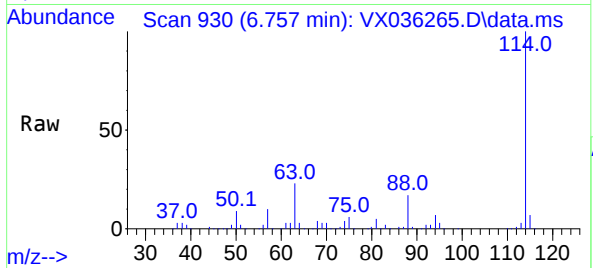




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX036265.D
Acq: 21 Jun 2023 13:01

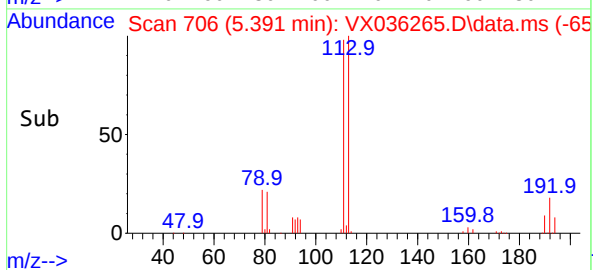
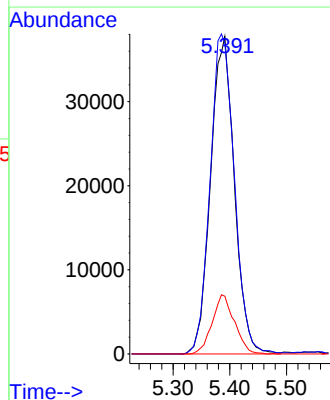
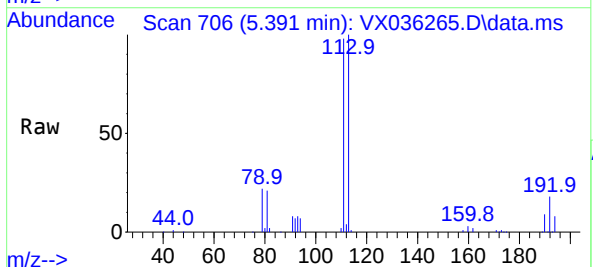
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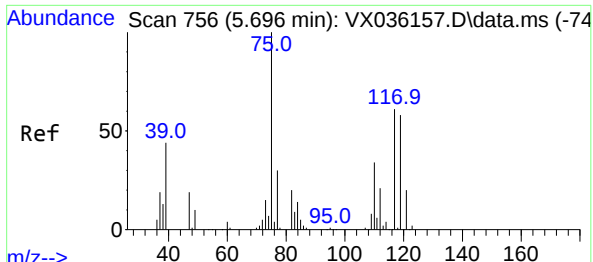
Tgt Ion:114 Resp: 394227
Ion Ratio Lower Upper
114 100
63 22.9 0.0 45.0
88 16.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 41.049 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036265.D
Acq: 21 Jun 2023 13:01

Tgt Ion:113 Resp: 109737
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 17.5 13.3 19.9

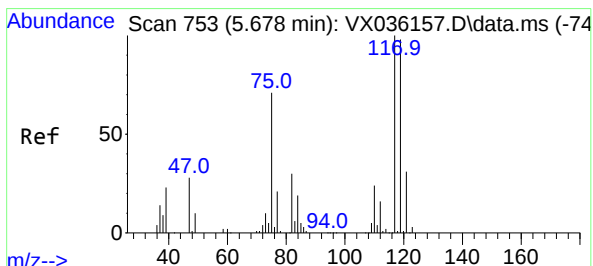
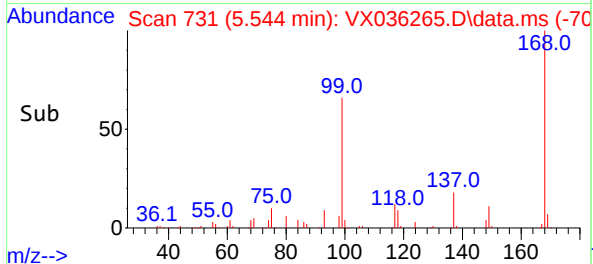
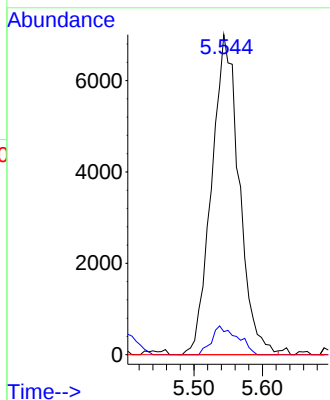
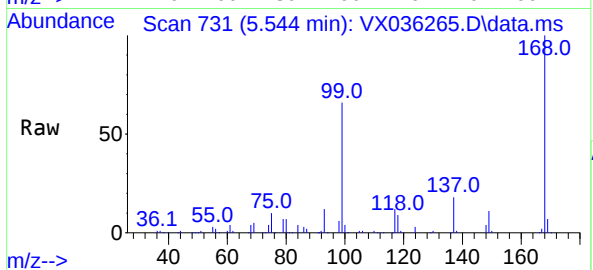




#36
1,1-Dichloropropene
Concen: 4.965 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX036265.D
Acq: 21 Jun 2023 13:01

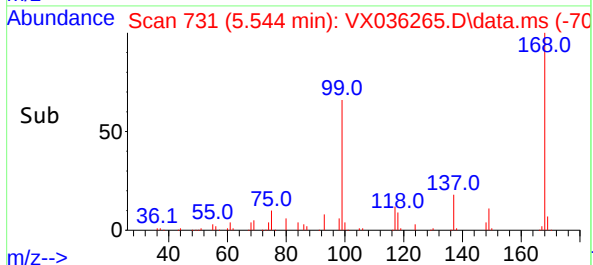
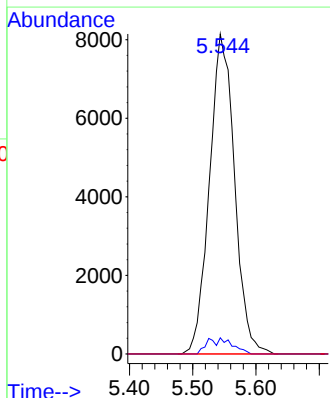
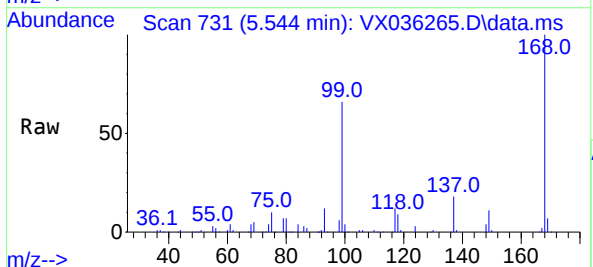
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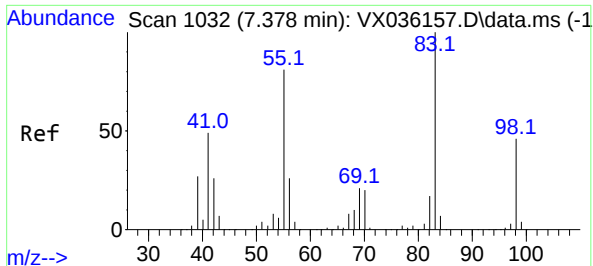
Tgt Ion: 75 Resp: 19552
Ion Ratio Lower Upper
75 100
110 8.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.860 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX036265.D
Acq: 21 Jun 2023 13:01

Tgt Ion: 117 Resp: 22433
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.244 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX036265.D

Acq: 21 Jun 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

TOTAL-VOC-SB8-GRAB-7

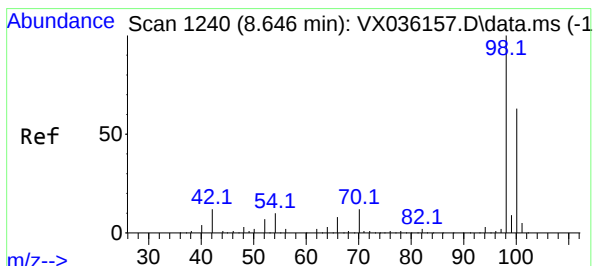
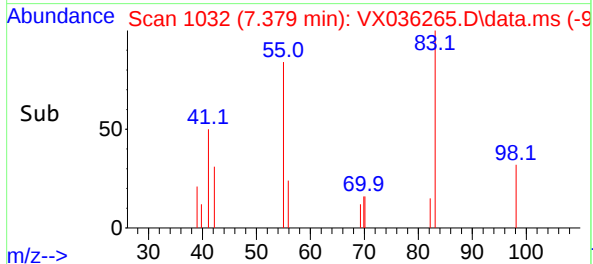
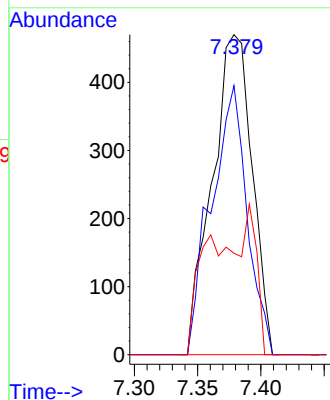
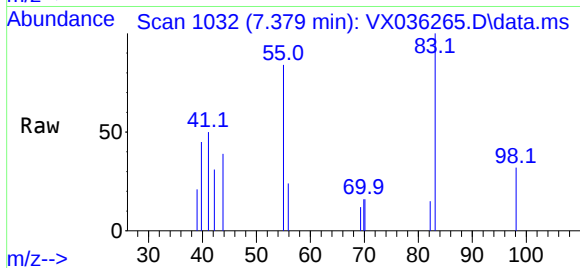
Tgt Ion: 83 Resp: 1034

Ion Ratio Lower Upper

83 100

55 84.0 64.6 97.0

98 31.7 36.7 55.1#



#50

Toluene-d8

Concen: 43.884 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX036265.D

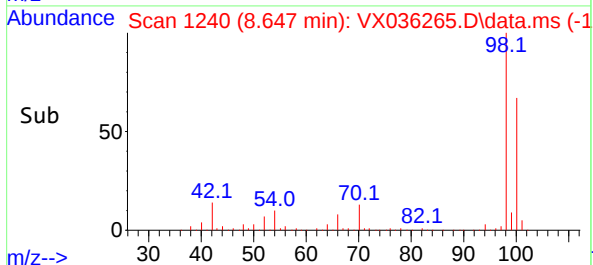
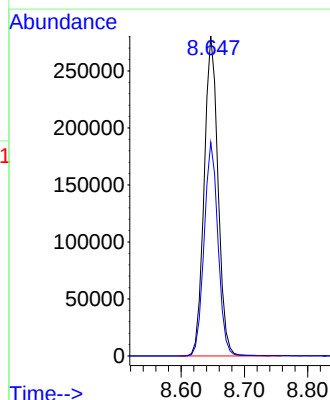
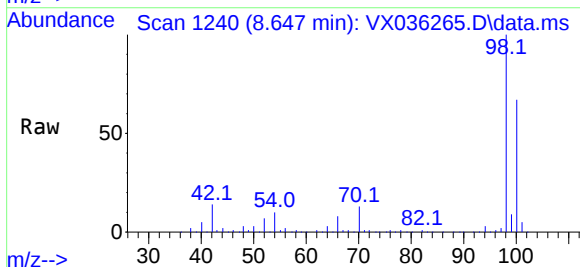
Acq: 21 Jun 2023 13:01

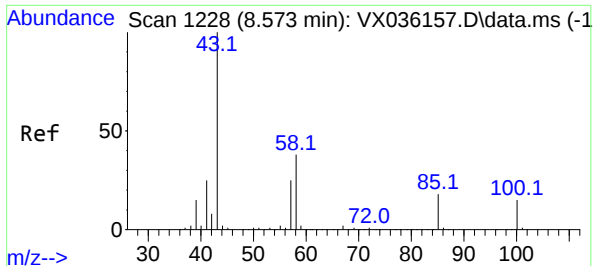
Tgt Ion: 98 Resp: 429134

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7

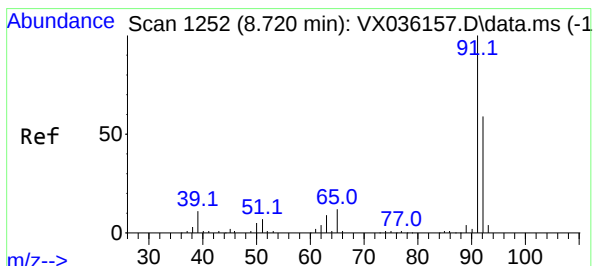
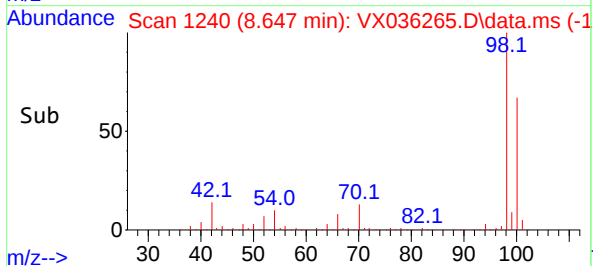
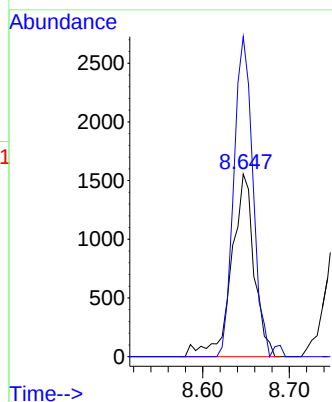
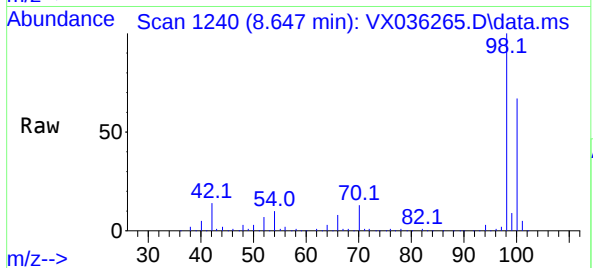




#51
4-Methyl-2-Pentanone
Concen: 0.637 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX036265.D
Acq: 21 Jun 2023 13:01

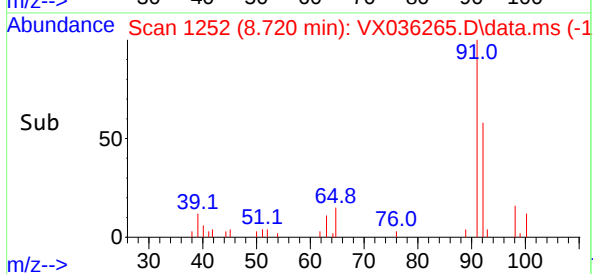
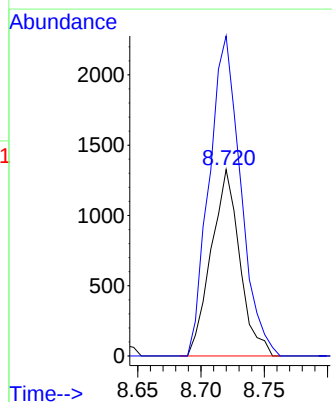
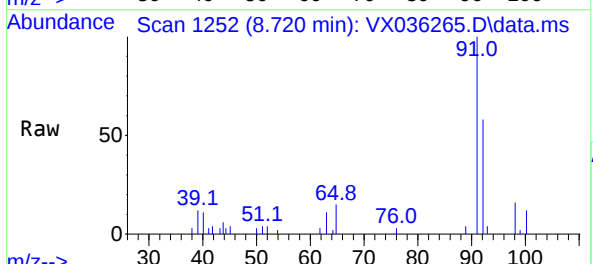
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB8-GRAB-7

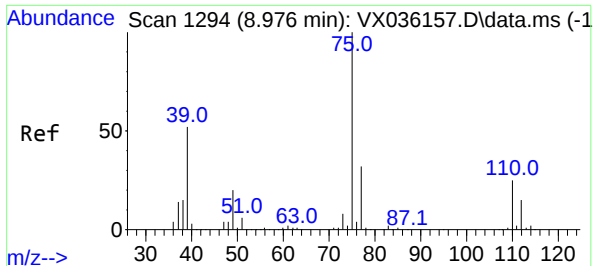
Tgt Ion: 43 Resp: 2825
Ion Ratio Lower Upper
43 100
58 149.5 30.4 45.6#



#52
Toluene
Concen: 0.301 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036265.D
Acq: 21 Jun 2023 13:01

Tgt Ion: 92 Resp: 2088
Ion Ratio Lower Upper
92 100
91 188.8 134.2 201.2

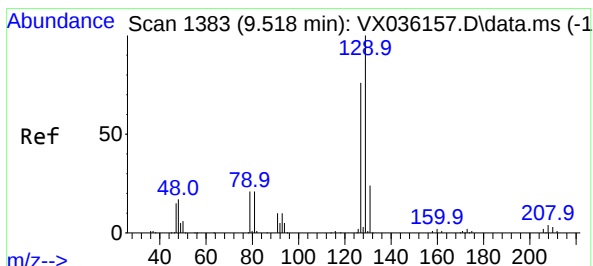
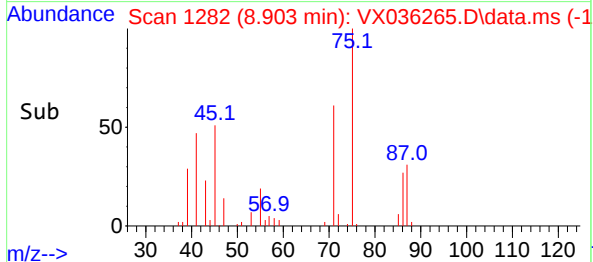
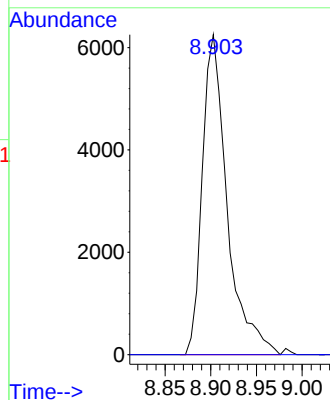
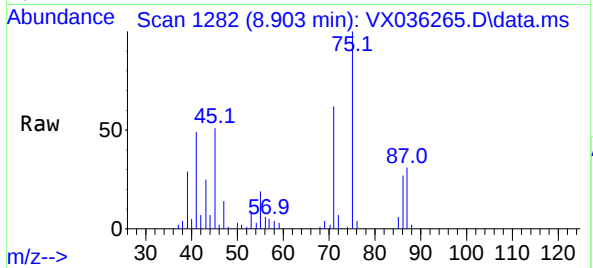




#53
t-1,3-Dichloropropene
Concen: 2.848 ug/l
RT: 8.903 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX036265.D
Acq: 21 Jun 2023 13:01

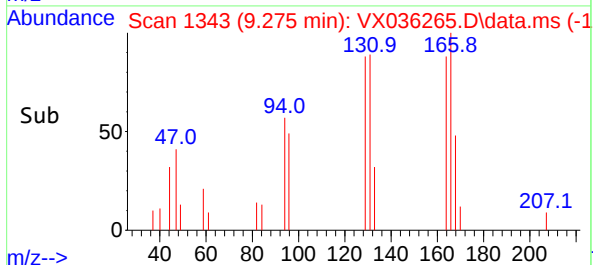
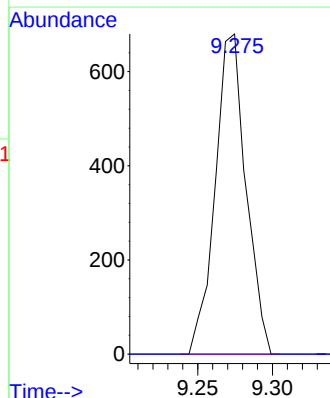
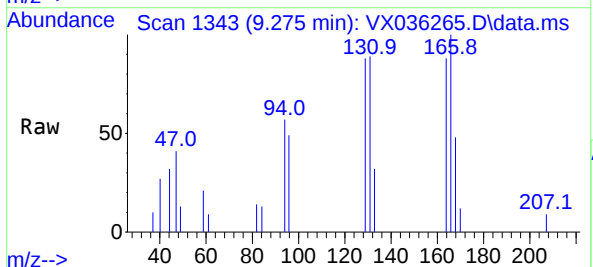
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB8-GRAB-7

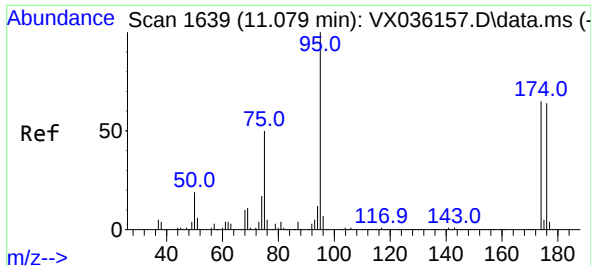
Tgt Ion: 75 Resp: 11812
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#



#60
Dibromochloromethane
Concen: 0.349 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.243 min
Lab File: VX036265.D
Acq: 21 Jun 2023 13:01

Tgt Ion: 129 Resp: 975
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

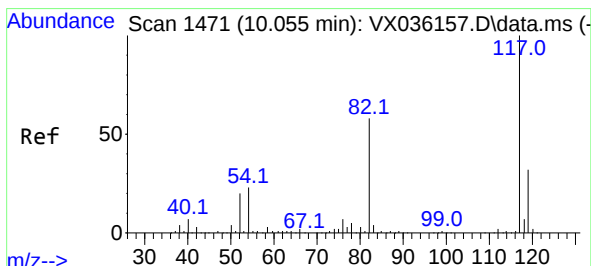
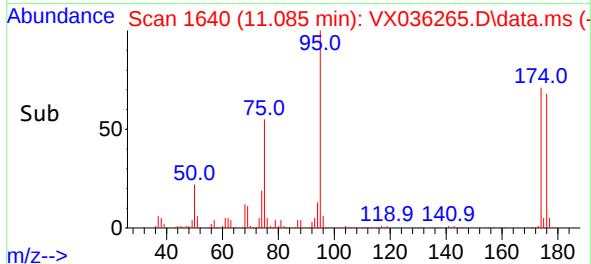
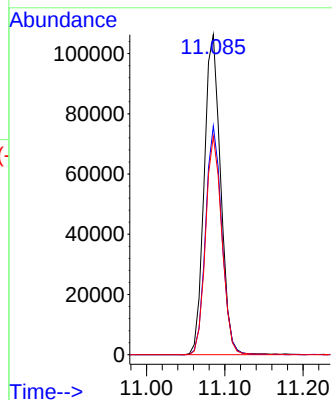
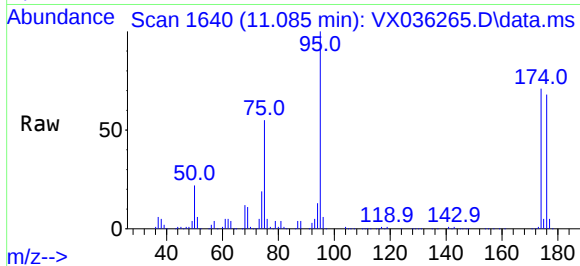




#62
4-Bromofluorobenzene
Concen: 39.151 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX036265.D
Acq: 21 Jun 2023 13:01

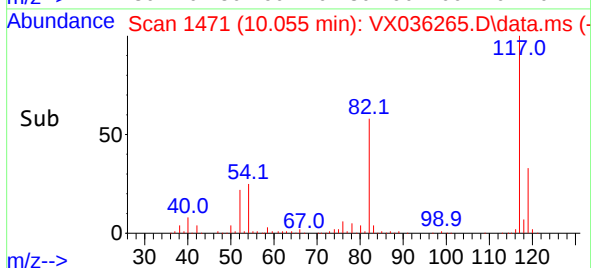
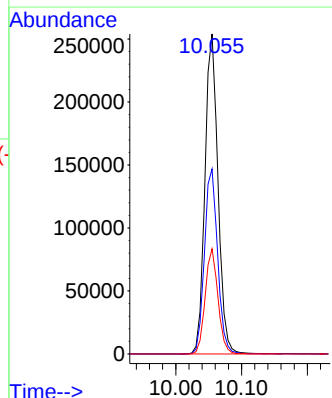
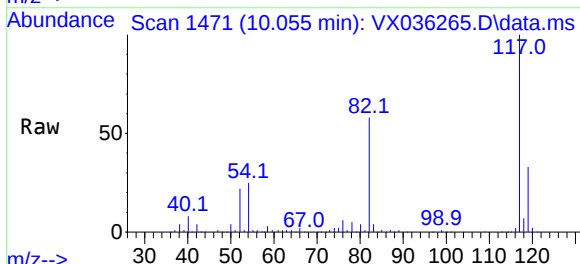
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB8-GRAB-7

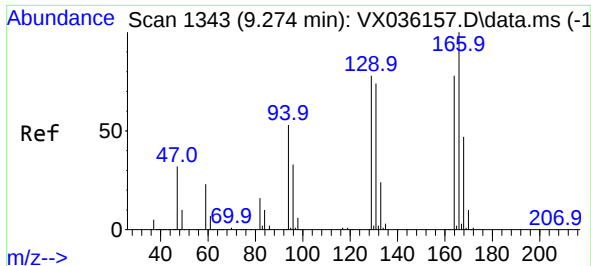
Tgt Ion: 95 Resp: 154542
Ion Ratio Lower Upper
95 100
174 70.4 0.0 135.6
176 67.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036265.D
Acq: 21 Jun 2023 13:01

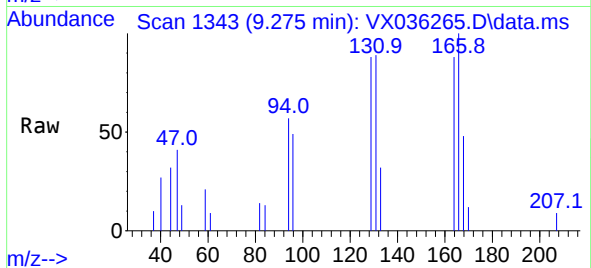
Tgt Ion: 117 Resp: 350961
Ion Ratio Lower Upper
117 100
82 57.8 46.2 69.4
119 32.9 25.5 38.3





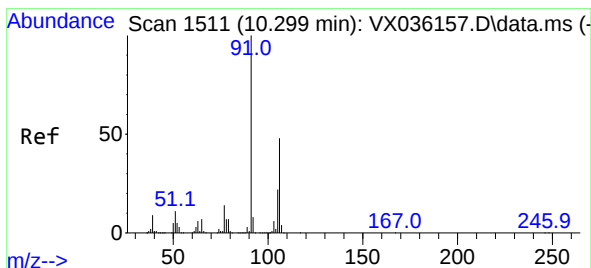
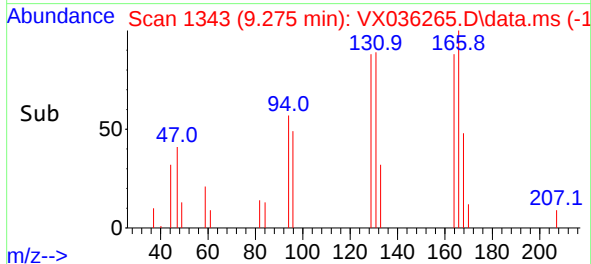
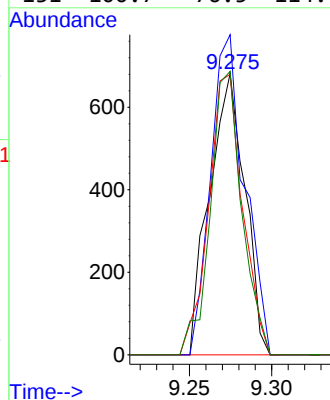
#64
Tetrachloroethene
Concen: 0.466 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036265.D
Acq: 21 Jun 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB8-GRAB-7



Tgt Ion:164 Resp: 1017

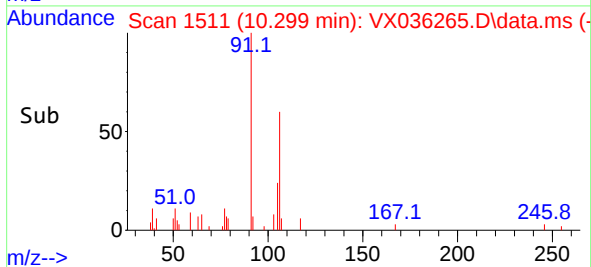
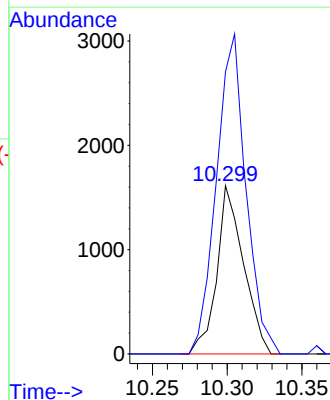
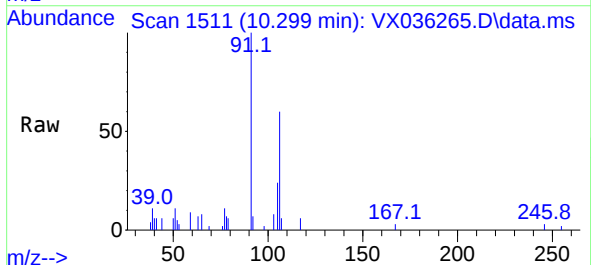
Ion	Ratio	Lower	Upper
164	100		
166	113.8	102.7	154.1
129	99.7	80.4	120.6
131	100.7	76.5	114.7

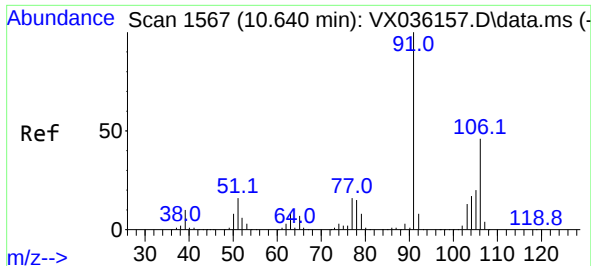


#68
m/p-Xylenes
Concen: 0.409 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036265.D
Acq: 21 Jun 2023 13:01

Tgt Ion:106 Resp: 2002

Ion	Ratio	Lower	Upper
106	100		
91	211.0	165.5	248.3

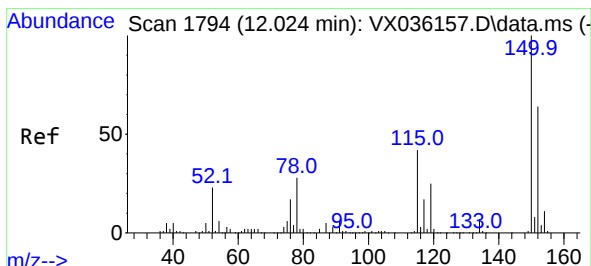
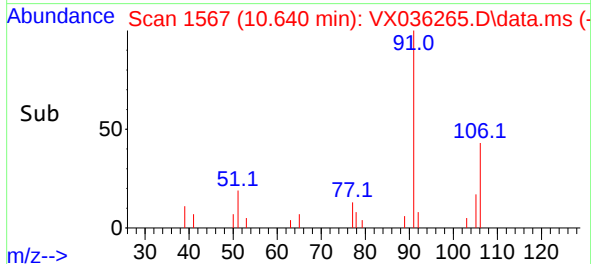
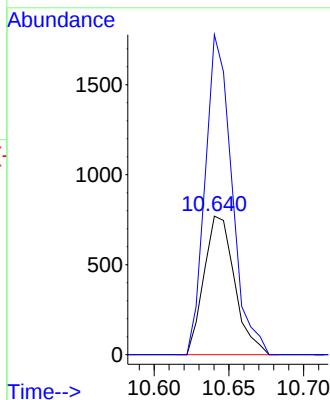
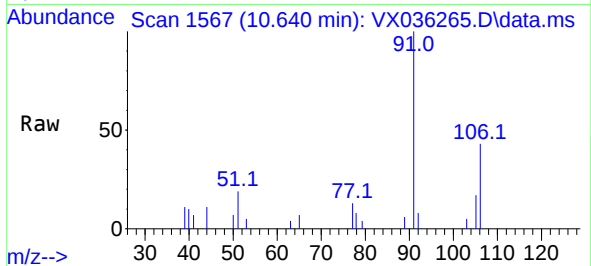




#69
o-Xylene
Concen: 0.227 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036265.D
Acq: 21 Jun 2023 13:01

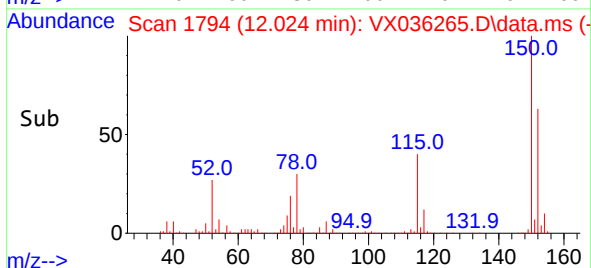
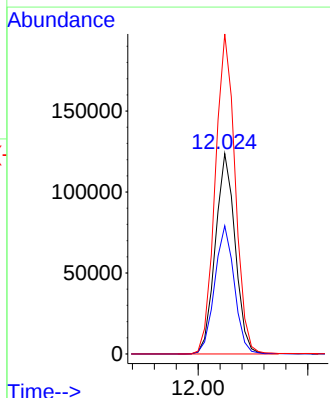
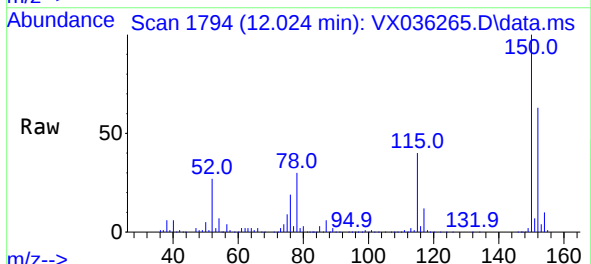
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB8-GRAB-7

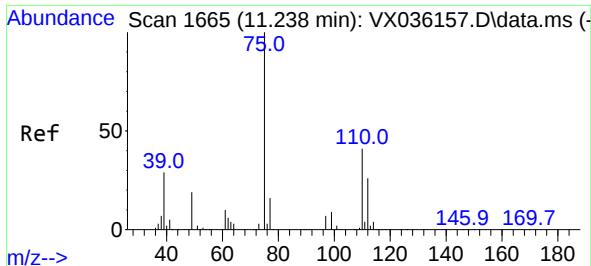
Tgt Ion:106 Resp: 1097
Ion Ratio Lower Upper
106 100
91 201.5 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036265.D
Acq: 21 Jun 2023 13:01

Tgt Ion:152 Resp: 155680
Ion Ratio Lower Upper
152 100
115 63.6 43.3 129.9
150 160.4 0.0 345.0

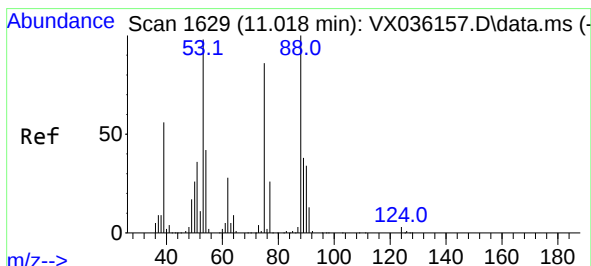
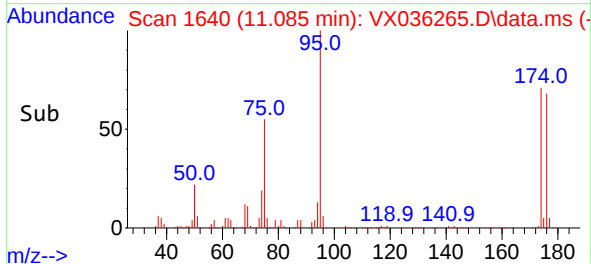
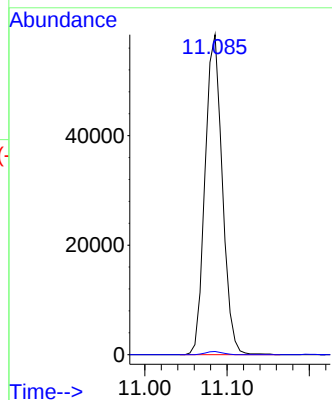
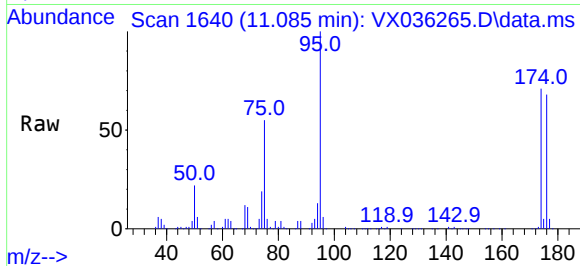




#76
1,2,3-Trichloropropane
Concen: 23.038 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.153 min
Lab File: VX036265.D
Acq: 21 Jun 2023 13:01

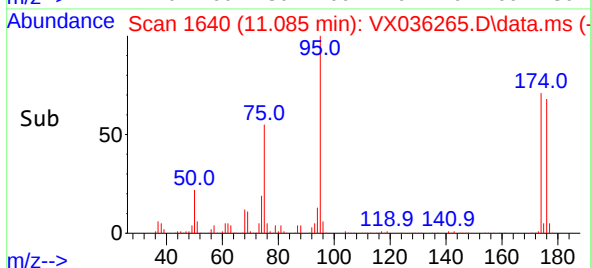
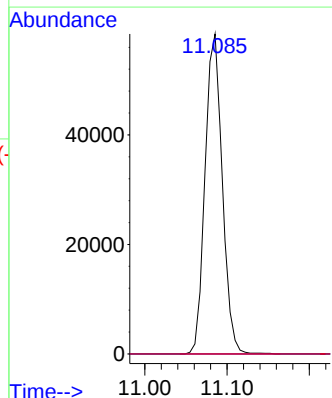
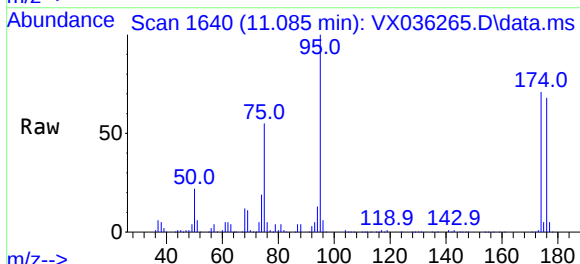
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB8-GRAB-7

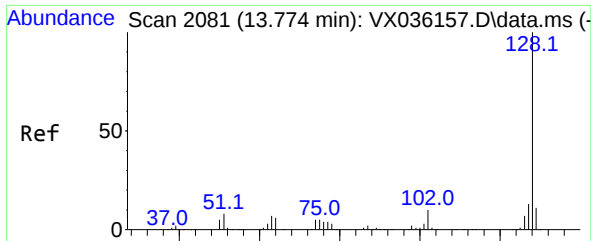
Tgt Ion: 75 Resp: 85120
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.639 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX036265.D
Acq: 21 Jun 2023 13:01

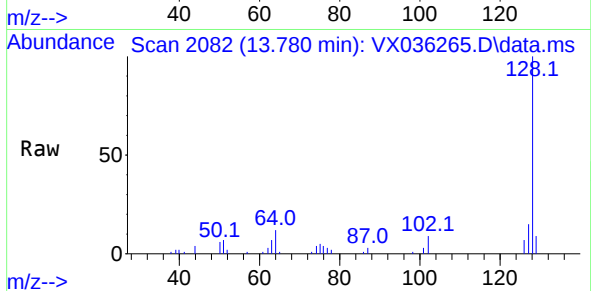
Tgt Ion: 75 Resp: 85120
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.814 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX036265.D
Acq: 21 Jun 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-SB8-GRAB-7



Tgt Ion:	128	Resp:	8065
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	10.7	8.8	13.2

