

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062123\
 Data File : VX036274.D
 Acq On : 21 Jun 2023 16:32
 Operator : JC/MD
 Sample : 03296-05
 Misc : 13.76g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOTAL-VOC-R-02-GRAB-6

Quant Time: Jun 22 05:02:38 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)

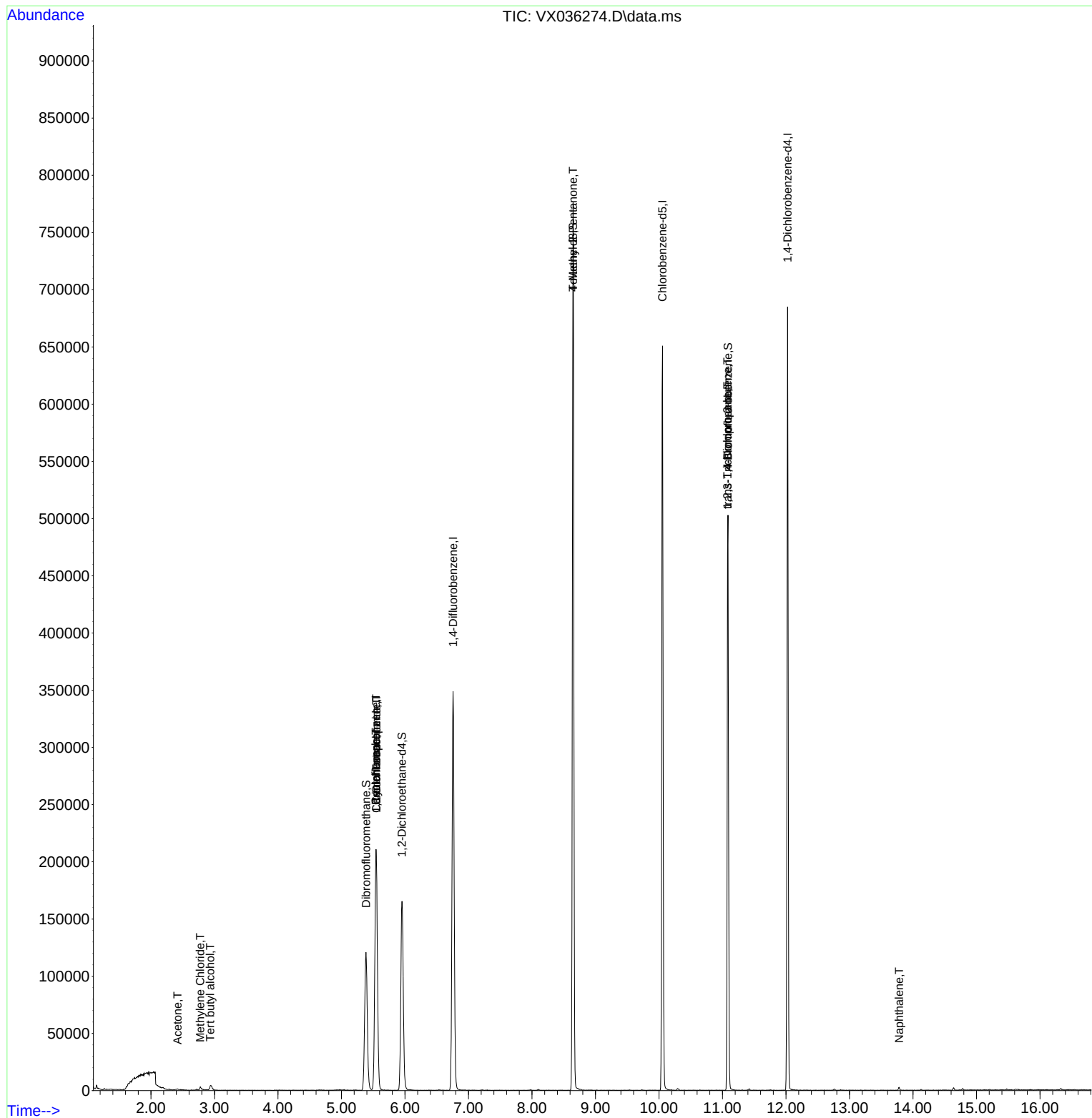
Internal Standards						
1) Pentafluorobenzene	5.544	168	191253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	342107	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	288849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	159506	45.638	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.280%
35) Dibromofluoromethane	5.385	113	103491	44.610	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.220%
50) Toluene-d8	8.647	98	423784	49.940	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.880%
62) 4-Bromofluorobenzene	11.085	95	146812	42.859	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.720%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	2549	4.771	ug/l #	78
16) Acetone	2.416	43	1218	0.839	ug/l #	61
20) Methylene Chloride	2.776	84	1347	0.512	ug/l #	80
31) Cyclohexane	5.544	56	4941	1.318	ug/l #	11
36) 1,1-Dichloropropene	5.550	75	17586	5.146	ug/l #	50
38) Carbon Tetrachloride	5.550	117	20392	6.138	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	2521	0.655	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	80893	26.057	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	80893	91.206	ug/l #	5
95) Naphthalene	13.780	128	2113	0.254	ug/l #	91

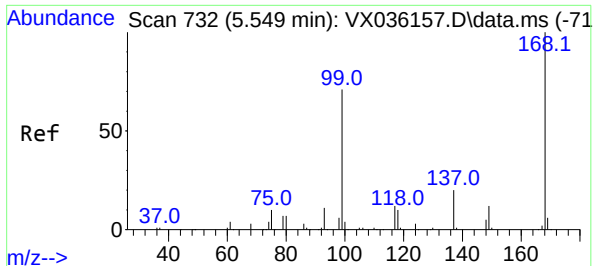
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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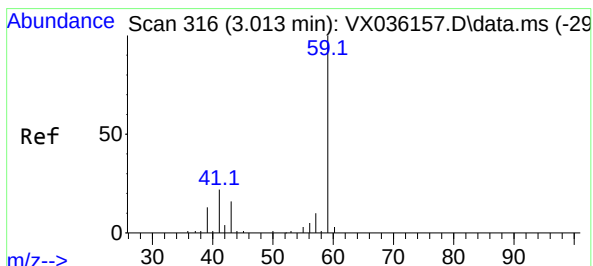
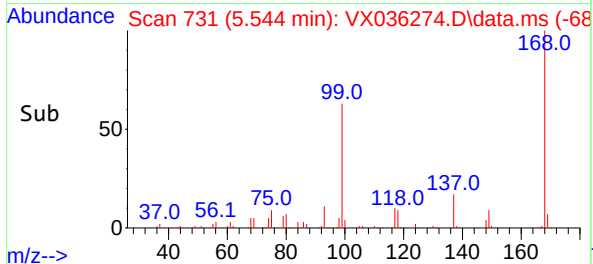
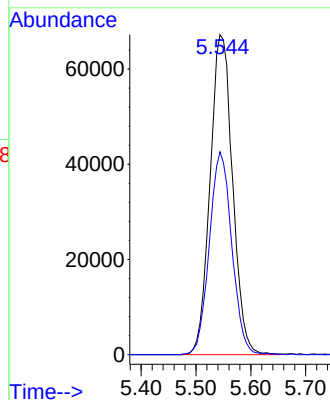
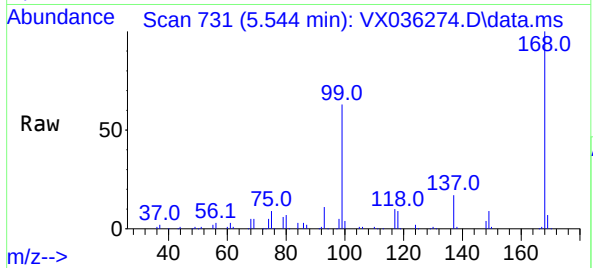




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.005 min
Lab File: VX036274.D
Acq: 21 Jun 2023 16:32

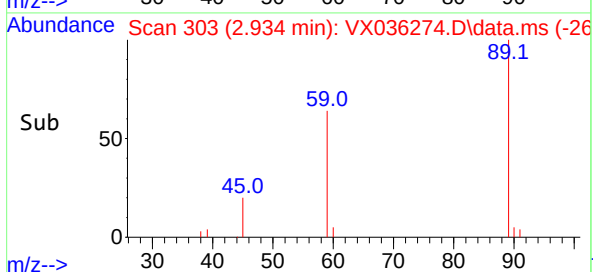
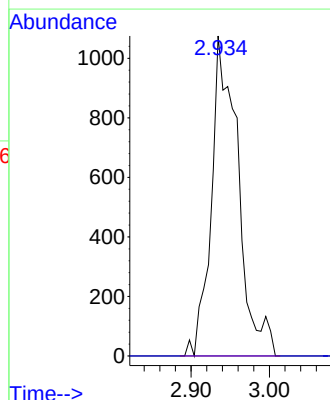
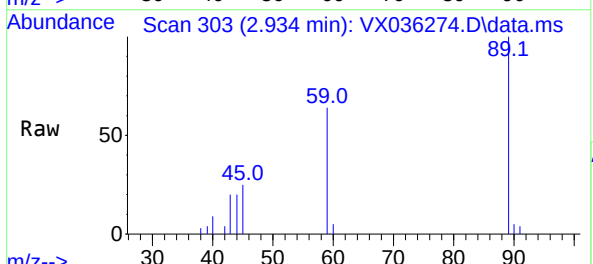
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-R-02-GRAB-6

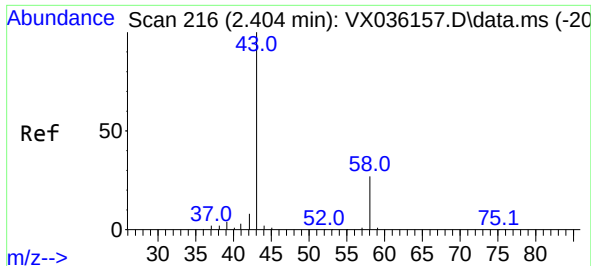
Tgt Ion:168 Resp: 191253
Ion Ratio Lower Upper
168 100
99 63.4 56.6 85.0



#11
Tert butyl alcohol
Concen: 4.771 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.079 min
Lab File: VX036274.D
Acq: 21 Jun 2023 16:32

Tgt Ion: 59 Resp: 2549
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

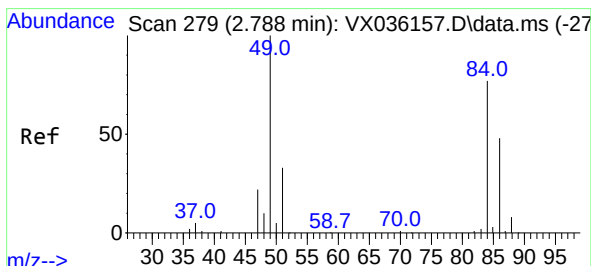
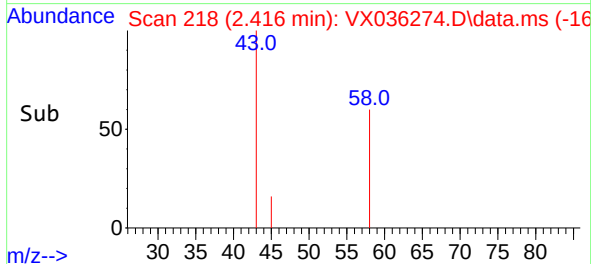
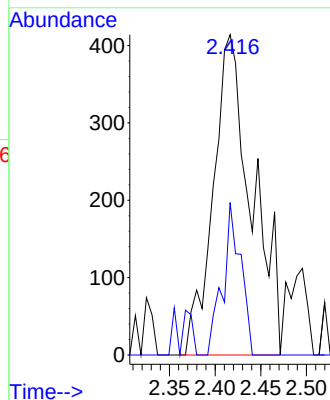
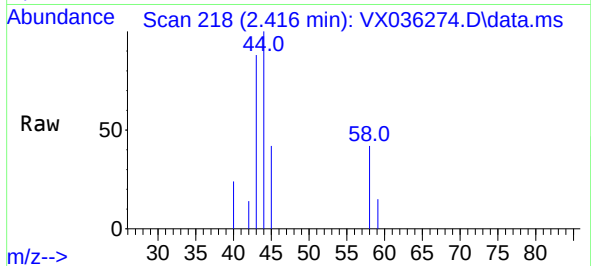




#16
Acetone
Concen: 0.839 ug/l
RT: 2.416 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX036274.D
Acq: 21 Jun 2023 16:32

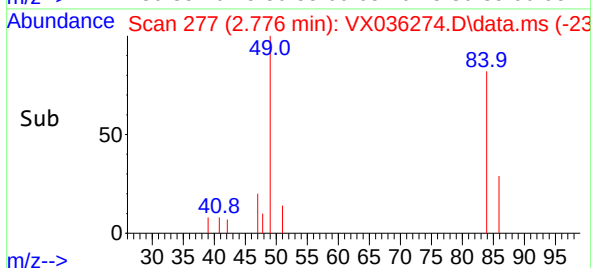
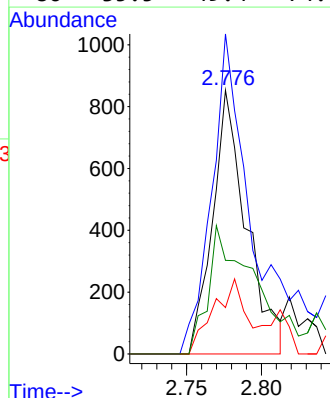
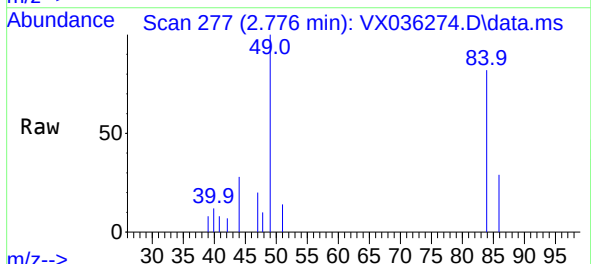
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-R-02-GRAB-6

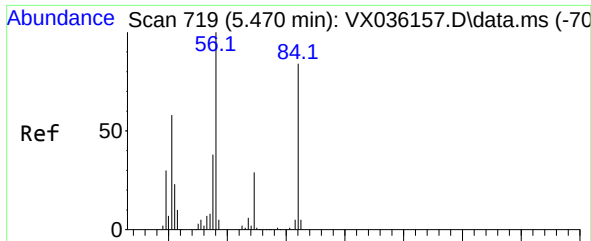
Tgt Ion: 43 Resp: 1218
Ion Ratio Lower Upper
43 100
58 47.6 21.9 32.9#



#20
Methylene Chloride
Concen: 0.512 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX036274.D
Acq: 21 Jun 2023 16:32

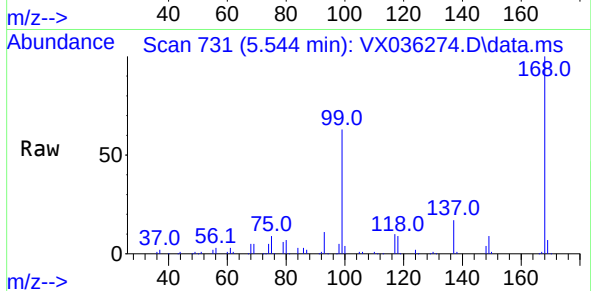
Tgt Ion: 84 Resp: 1347
Ion Ratio Lower Upper
84 100
49 121.3 103.6 155.4
51 17.6 33.8 50.6#
86 35.5 49.4 74.0#



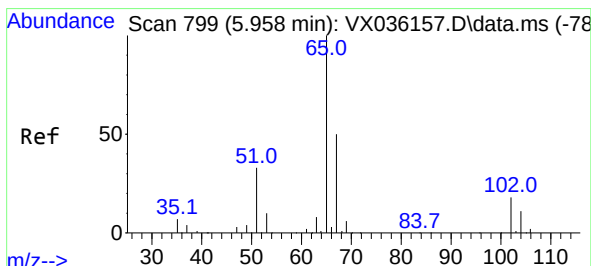
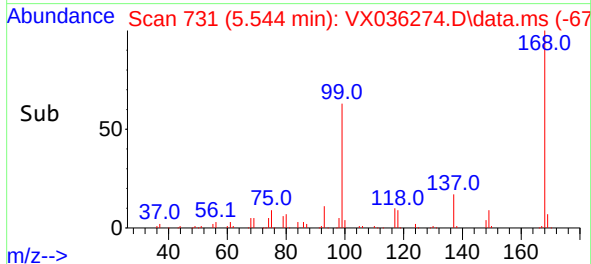
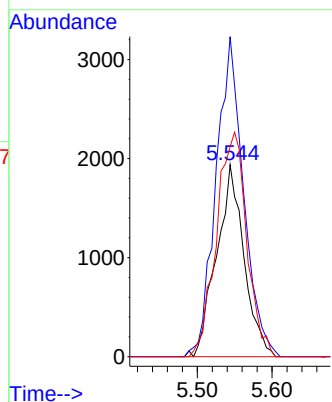


#31
Cyclohexane
Concen: 1.318 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX036274.D
Acq: 21 Jun 2023 16:32

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-R-02-GRAB-6

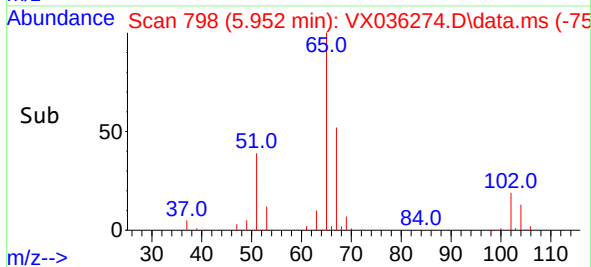
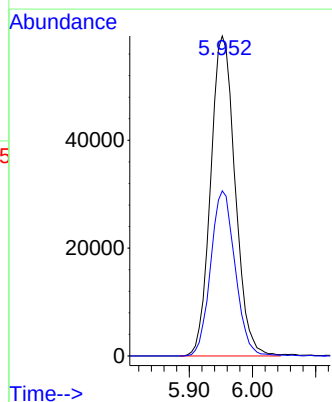
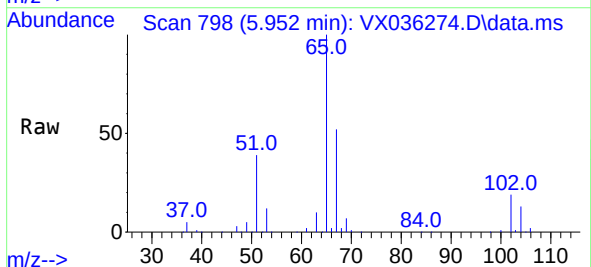


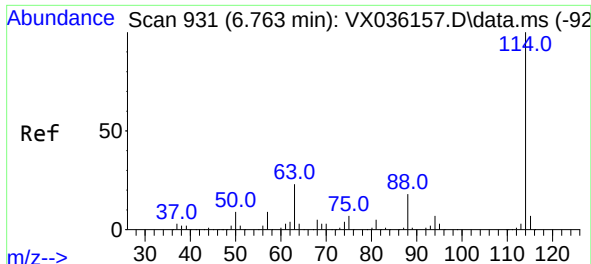
Tgt Ion: 56 Resp: 4941
Ion Ratio Lower Upper
56 100
69 166.6 23.4 35.2#
84 109.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.638 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX036274.D
Acq: 21 Jun 2023 16:32

Tgt Ion: 65 Resp: 159506
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

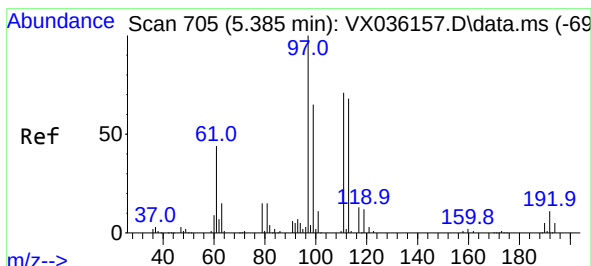
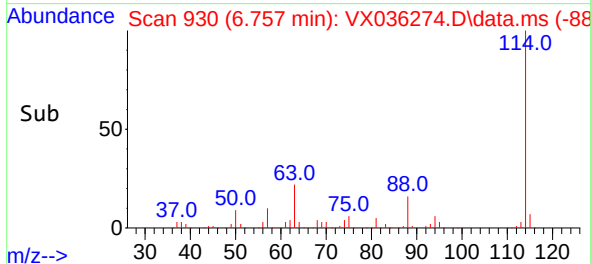
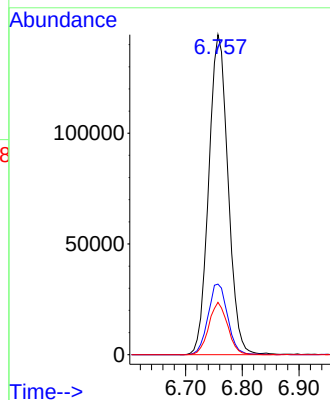
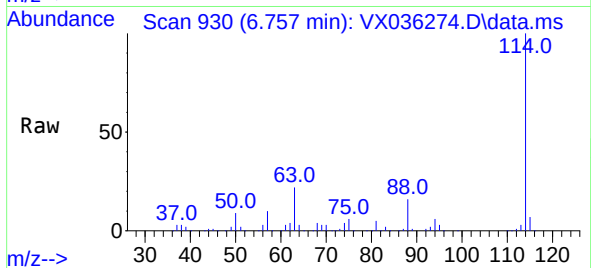




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX036274.D
Acq: 21 Jun 2023 16:32

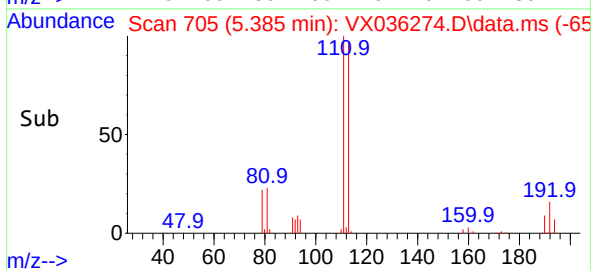
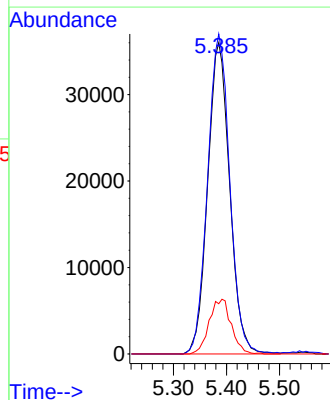
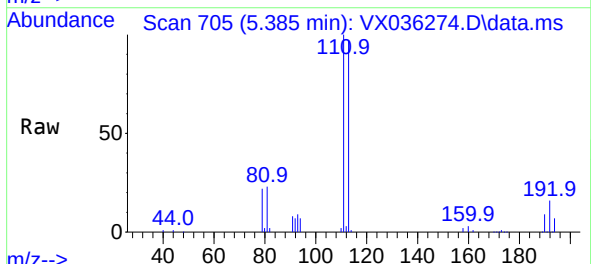
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-R-02-GRAB-6

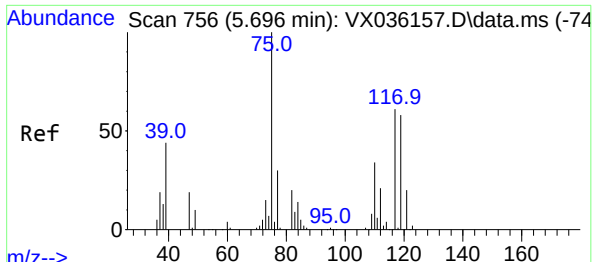
Tgt Ion:114 Resp: 342107
Ion Ratio Lower Upper
114 100
63 22.1 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.610 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036274.D
Acq: 21 Jun 2023 16:32

Tgt Ion:113 Resp: 103491
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 17.7 13.3 19.9

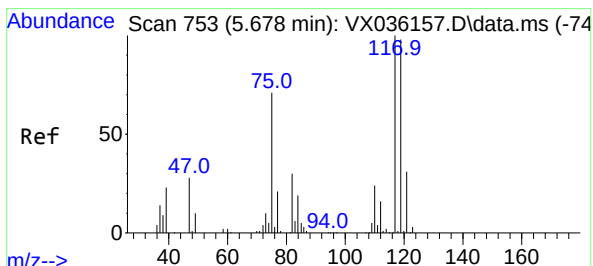
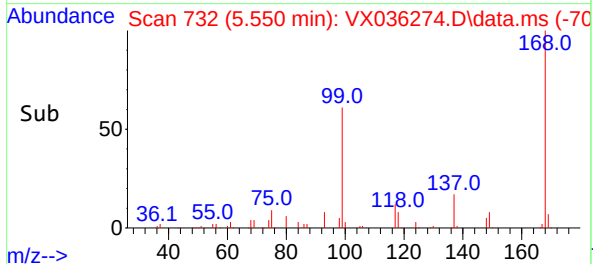
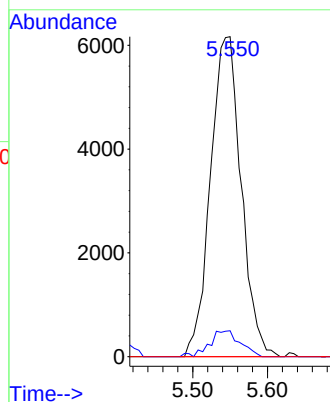
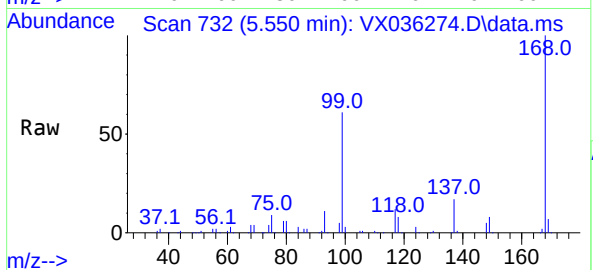




#36
1,1-Dichloropropene
Concen: 5.146 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX036274.D
Acq: 21 Jun 2023 16:32

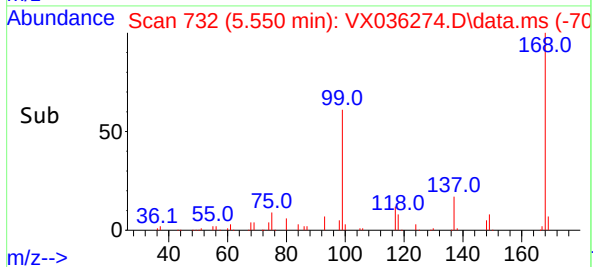
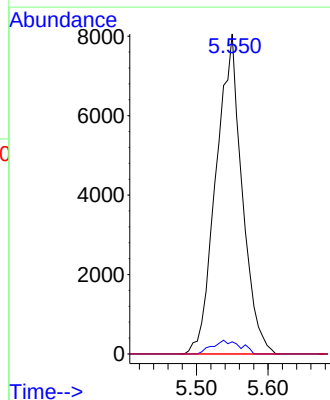
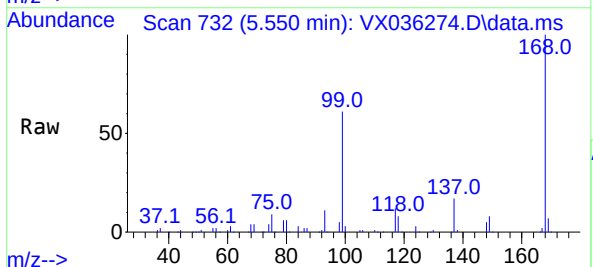
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-R-02-GRAB-6

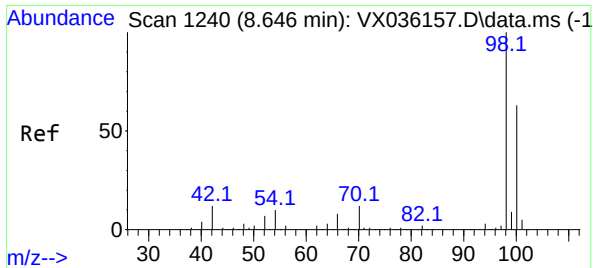
Tgt Ion: 75 Resp: 17586
Ion Ratio Lower Upper
75 100
110 8.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.138 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036274.D
Acq: 21 Jun 2023 16:32

Tgt Ion: 117 Resp: 20392
Ion Ratio Lower Upper
117 100
119 3.8 78.2 117.2#
121 0.0 24.4 36.6#

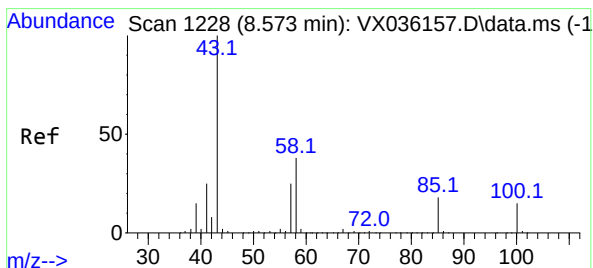
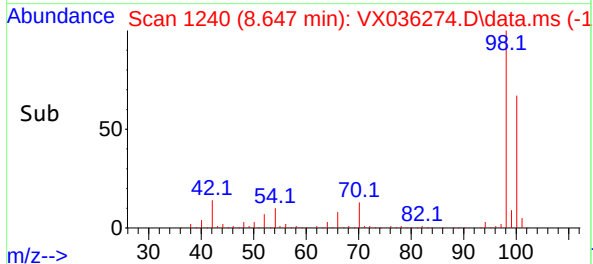
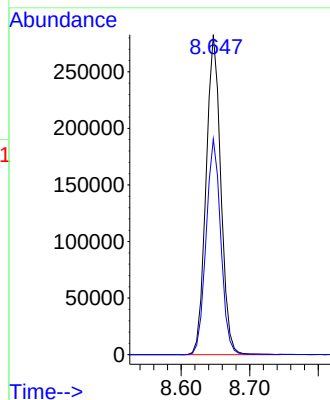
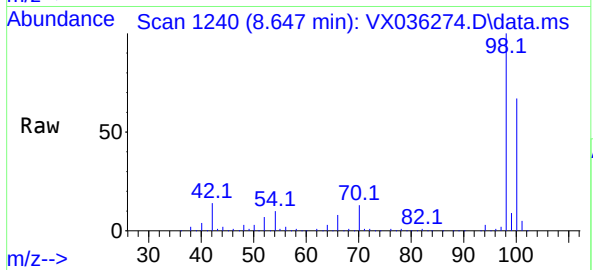




#50
Toluene-d8
Concen: 49.940 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036274.D
Acq: 21 Jun 2023 16:32

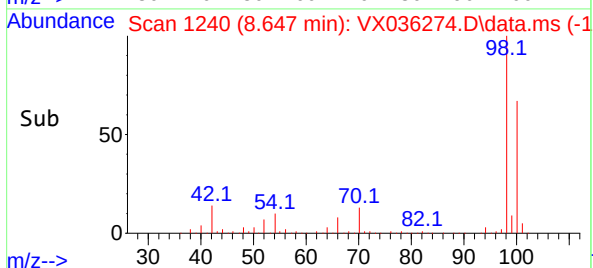
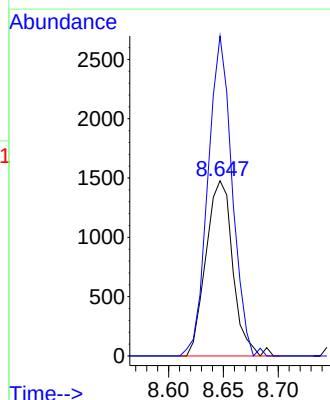
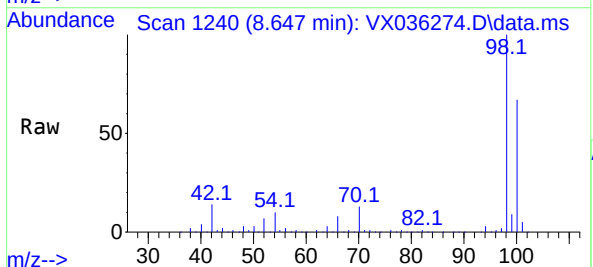
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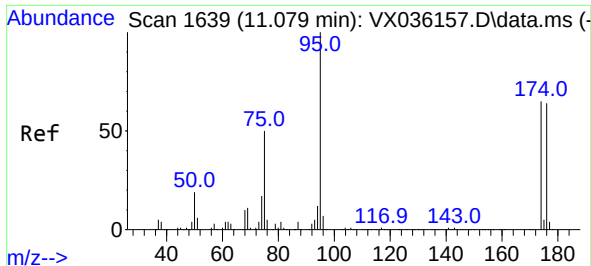
Tgt Ion: 98 Resp: 423784
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.655 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX036274.D
Acq: 21 Jun 2023 16:32

Tgt Ion: 43 Resp: 2521
Ion Ratio Lower Upper
43 100
58 164.6 30.4 45.6#

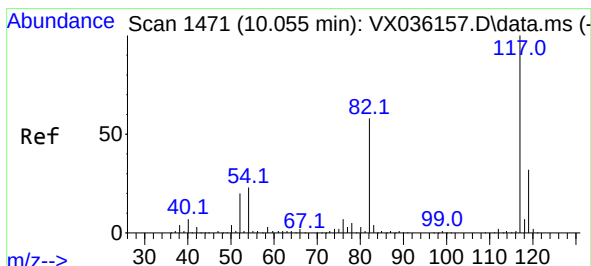
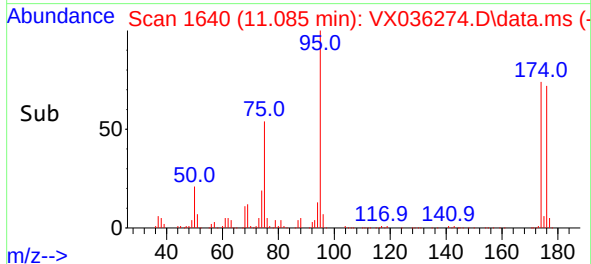
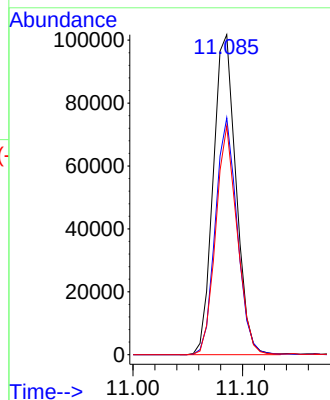
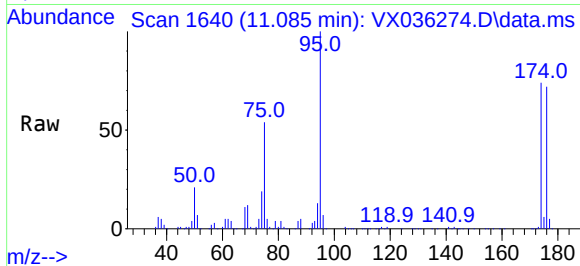




#62
4-Bromofluorobenzene
Concen: 42.859 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX036274.D
Acq: 21 Jun 2023 16:32

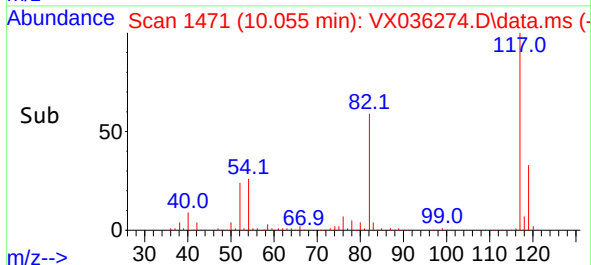
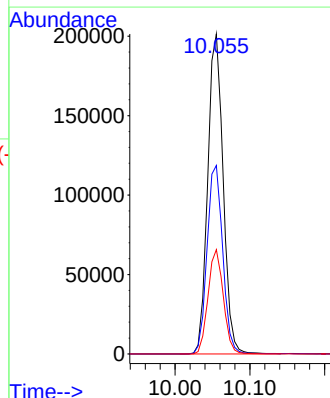
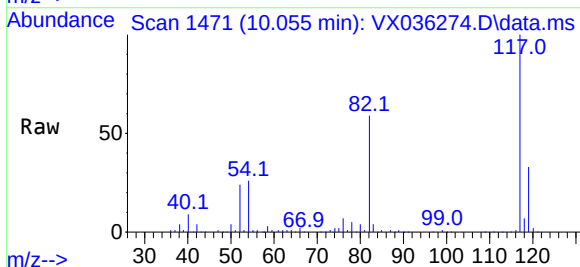
Instrument :
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TOTAL-VOC-R-02-GRAB-6

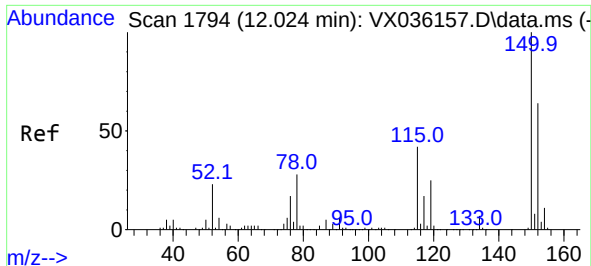
Tgt Ion: 95 Resp: 146812
Ion Ratio Lower Upper
95 100
174 71.2 0.0 135.6
176 67.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036274.D
Acq: 21 Jun 2023 16:32

Tgt Ion: 117 Resp: 288849
Ion Ratio Lower Upper
117 100
82 58.9 46.2 69.4
119 32.6 25.5 38.3

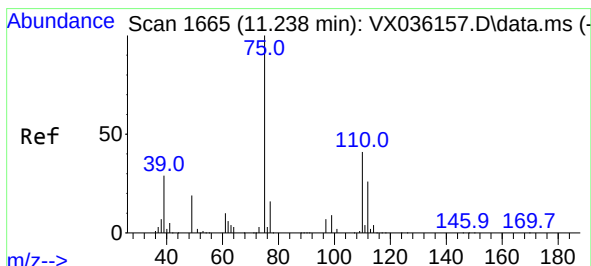
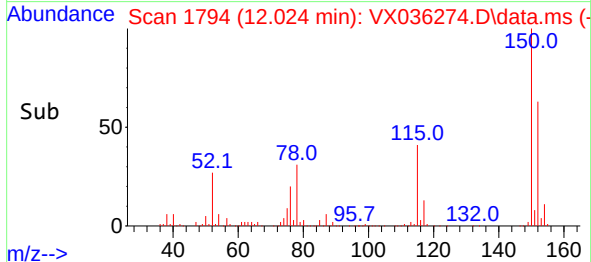
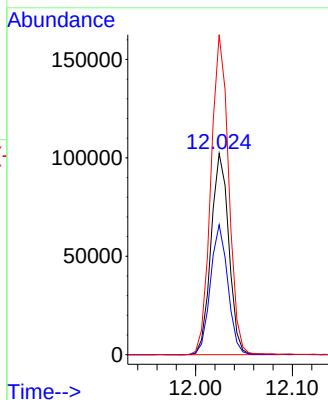
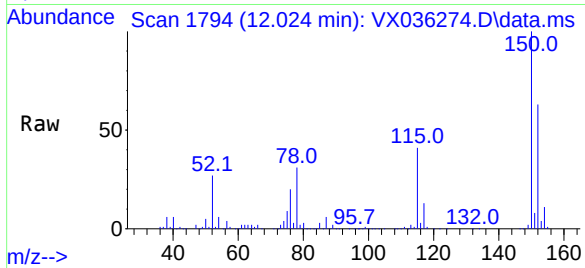




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036274.D
Acq: 21 Jun 2023 16:32

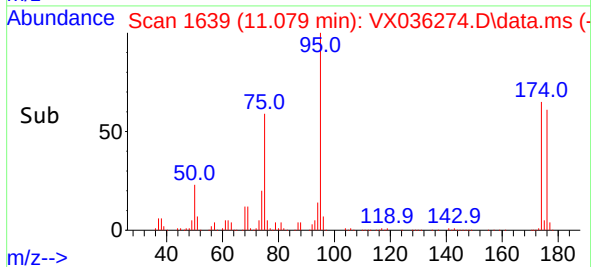
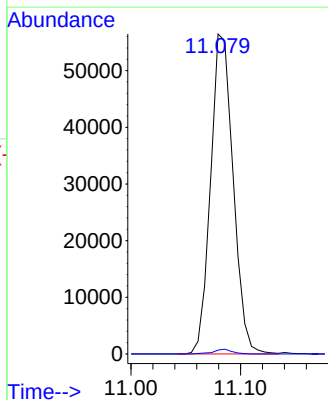
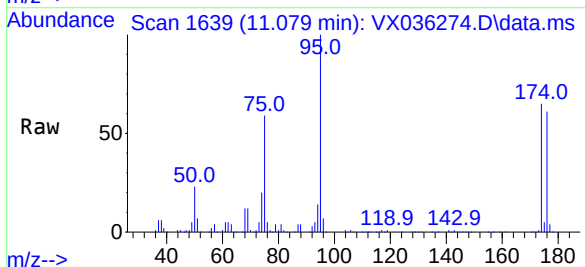
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-R-02-GRAB-6

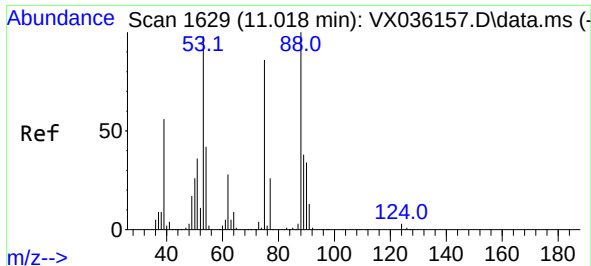
Tgt Ion:152 Resp: 130808
Ion Ratio Lower Upper
152 100
115 63.3 43.3 129.9
150 158.9 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 26.057 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036274.D
Acq: 21 Jun 2023 16:32

Tgt Ion: 75 Resp: 80893
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

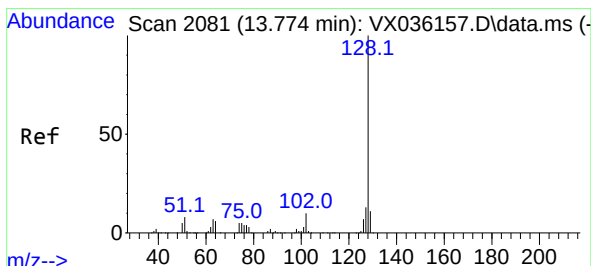
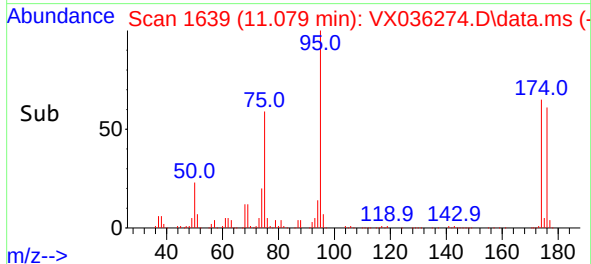
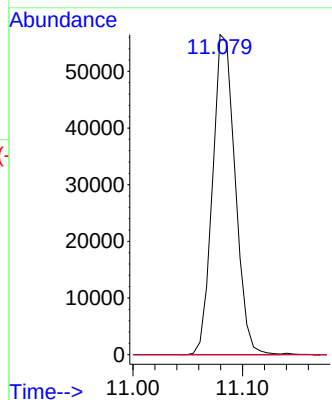
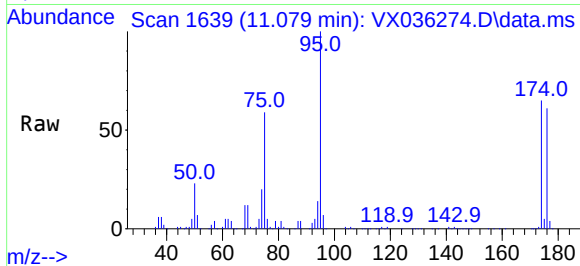




#81
trans-1,4-Dichloro-2-butene
Concen: 91.206 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036274.D
Acq: 21 Jun 2023 16:32

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-R-02-GRAB-6

Tgt Ion: 75 Resp: 80893
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.254 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX036274.D
Acq: 21 Jun 2023 16:32

Tgt Ion: 128 Resp: 2113
Ion Ratio Lower Upper
128 100
127 7.5 10.3 15.5#
129 9.4 8.8 13.2

