

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014237.D
 Acq On : 19 Jun 2023 18:55
 Operator : KP/MD
 Sample : 03255-06
 Misc : 6.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-24-GRAB-7RE

Quant Time: Jun 20 05:00:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

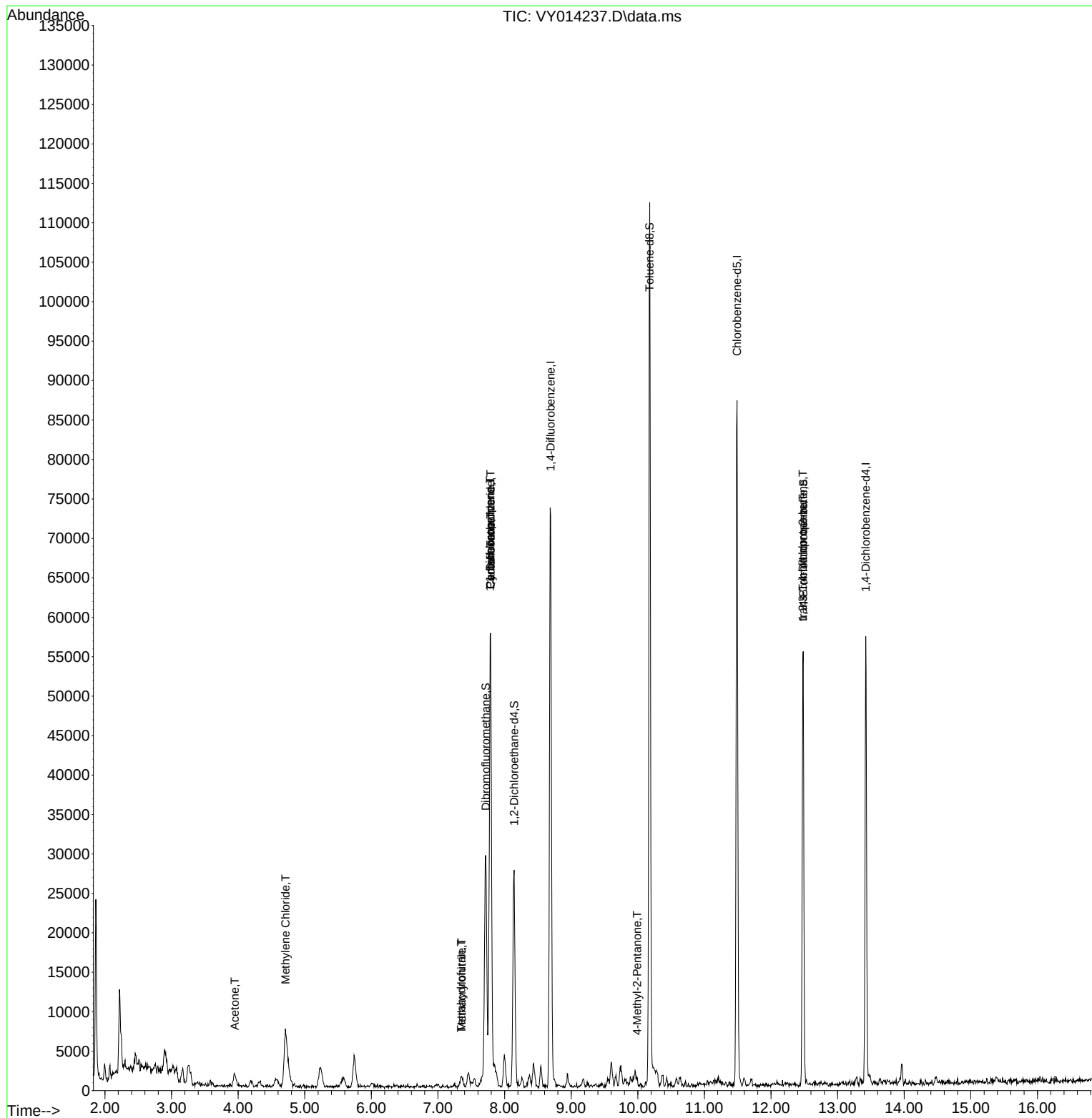
Internal Standards						
1) Pentafluorobenzene	7.789	168	43978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	61956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	48532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	14513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	22399	36.576	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	73.160%
35) Dibromofluoromethane	7.716	113	20413	46.459	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.920%
50) Toluene-d8	10.179	98	73648	44.835	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.660%
62) 4-Bromofluorobenzene	12.483	95	15313	26.242	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	52.480%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	2956	16.013	ug/l	98
20) Methylene Chloride	4.710	84	5011	5.297	ug/l #	79
29) Tetrahydrofuran	7.350	42	797	5.531	ug/l #	76
31) Cyclohexane	7.789	56	1446	1.763	ug/l #	49
36) 1,1-Dichloropropene	7.783	75	3241	4.731	ug/l #	47
38) Carbon Tetrachloride	7.789	117	4285	5.421	ug/l #	17
41) Methacrylonitrile	7.356	41	659	2.732	ug/l #	44
51) 4-Methyl-2-Pentanone	9.990	43	471	1.047	ug/l #	39
76) 1,2,3-Trichloropropane	12.477	75	8586	45.093	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	8586	97.473	ug/l #	10

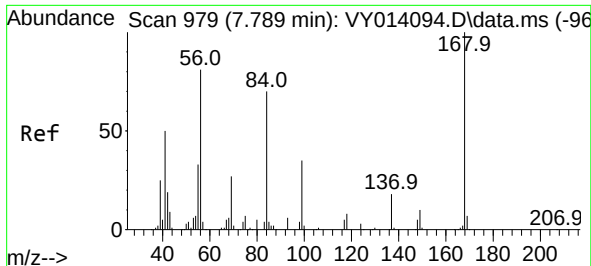
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

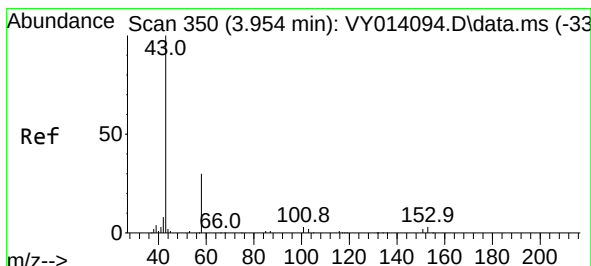
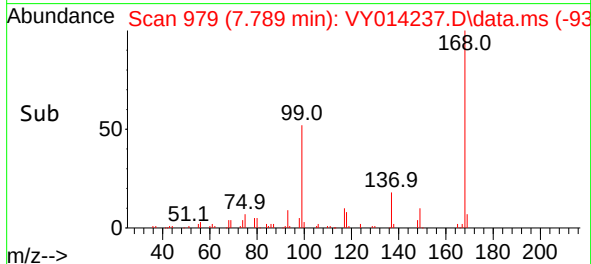
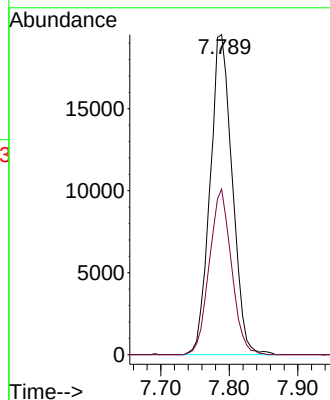
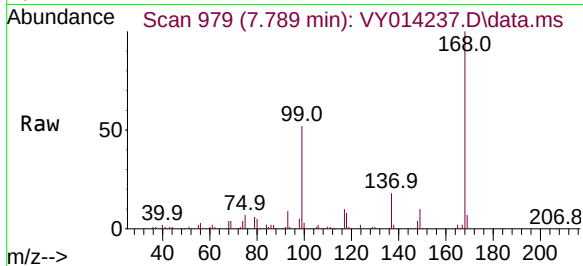




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014237.D
Acq: 19 Jun 2023 18:55

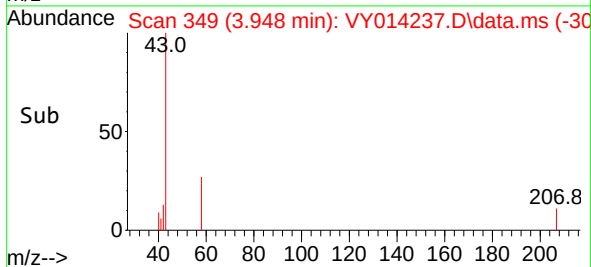
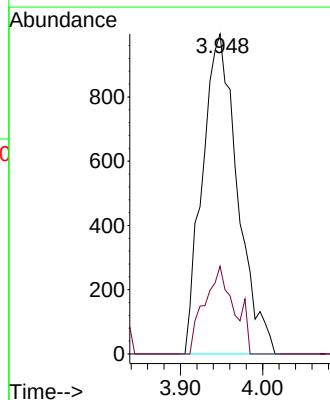
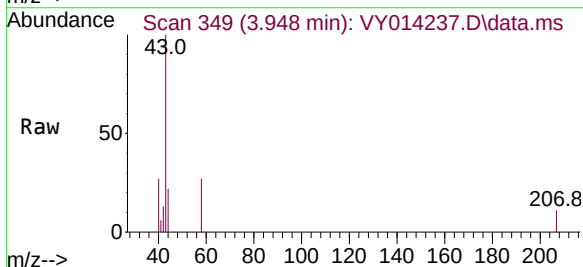
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-24-GRAB-7RE

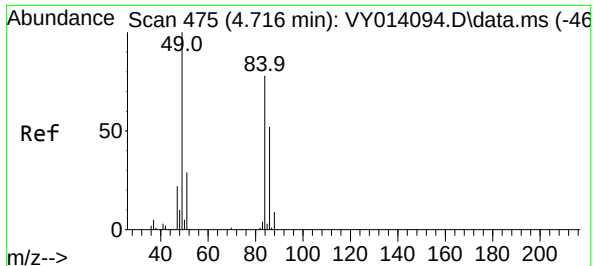
Tgt Ion:168 Resp: 43978
Ion Ratio Lower Upper
168 100
99 51.8 43.4 65.0



#16
Acetone
Concen: 16.013 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014237.D
Acq: 19 Jun 2023 18:55

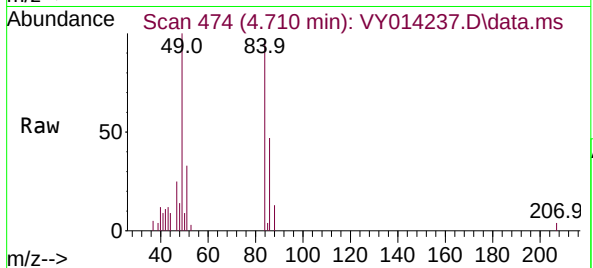
Tgt Ion: 43 Resp: 2956
Ion Ratio Lower Upper
43 100
58 27.4 22.7 34.1



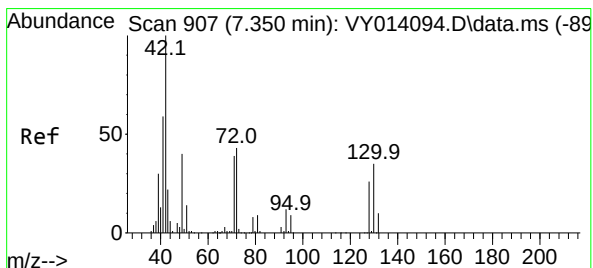
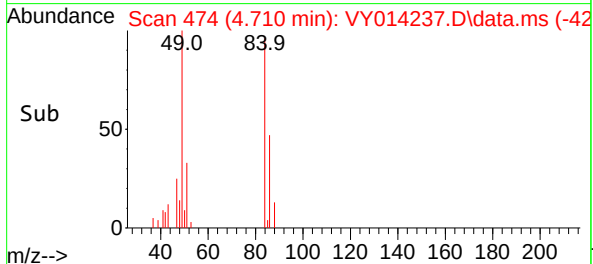
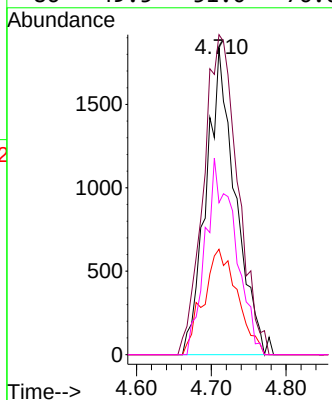


#20
Methylene Chloride
Concen: 5.297 ug/l
RT: 4.710 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY014237.D
Acq: 19 Jun 2023 18:55

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-24-GRAB-7RE

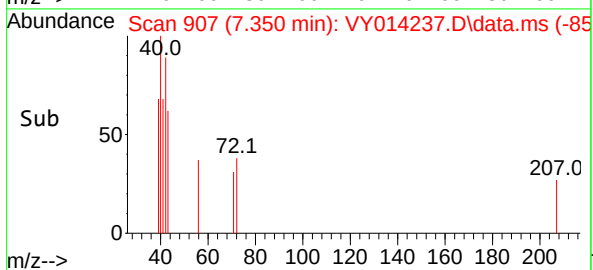
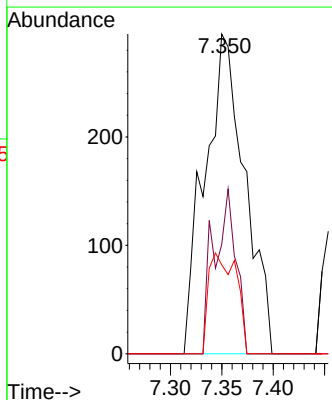
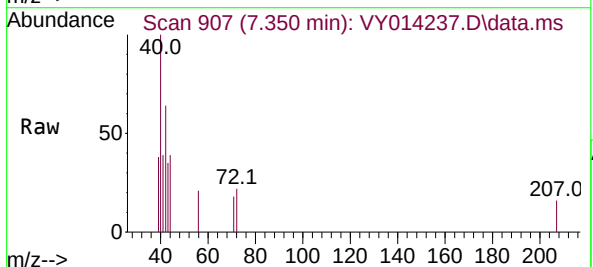


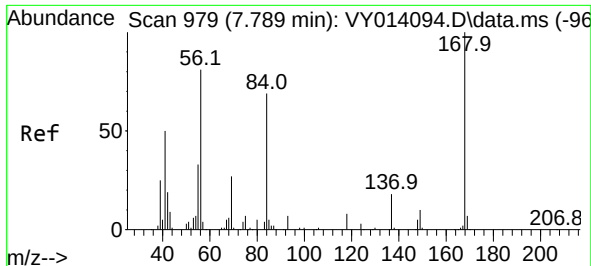
Tgt Ion:	84	Resp:	5011
Ion	Ratio	Lower	Upper
84	100		
49	104.3	106.9	160.3#
51	34.4	33.2	49.8
86	49.5	51.0	76.6#



#29
Tetrahydrofuran
Concen: 5.531 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY014237.D
Acq: 19 Jun 2023 18:55

Tgt Ion:	42	Resp:	797
Ion	Ratio	Lower	Upper
42	100		
72	28.2	32.8	49.2#
71	21.6	31.0	46.4#

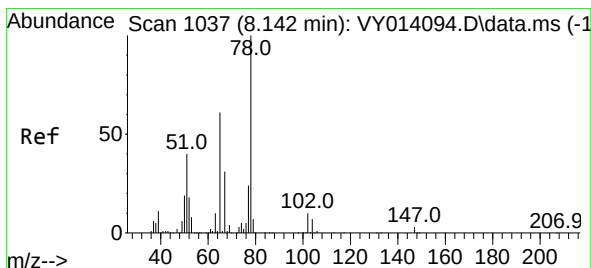
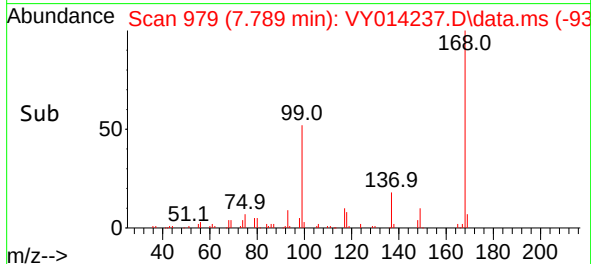
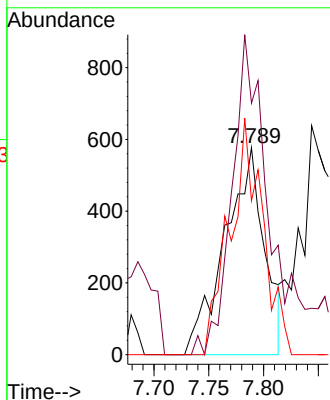
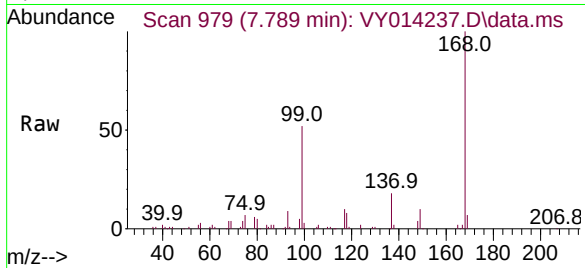




#31
Cyclohexane
Concen: 1.763 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014237.D
Acq: 19 Jun 2023 18:55

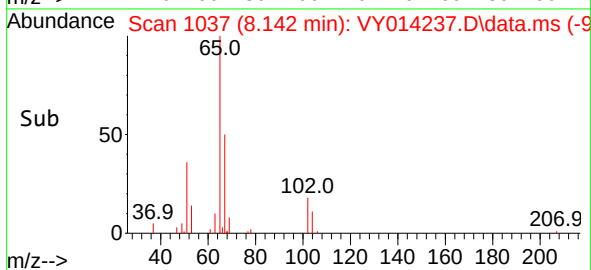
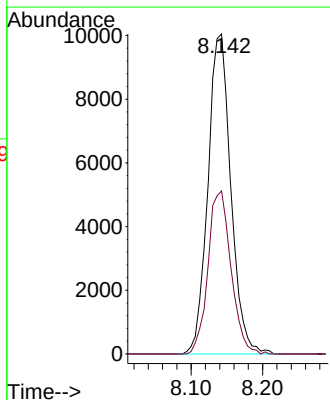
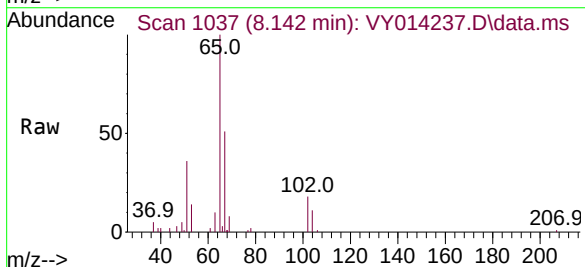
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-24-GRAB-7RE

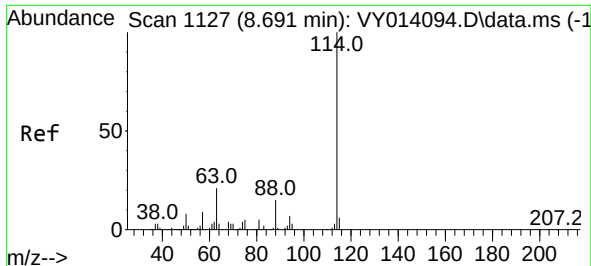
Tgt Ion: 56 Resp: 1446
Ion Ratio Lower Upper
56 100
69 121.5 27.8 41.6#
84 74.4 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 36.576 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014237.D
Acq: 19 Jun 2023 18:55

Tgt Ion: 65 Resp: 22399
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.8

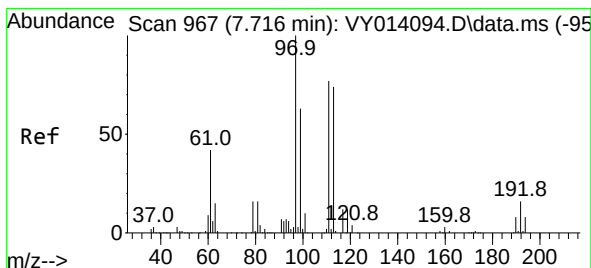
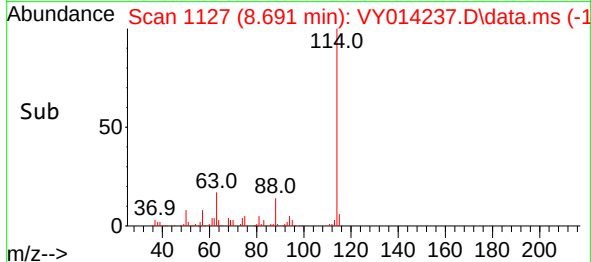
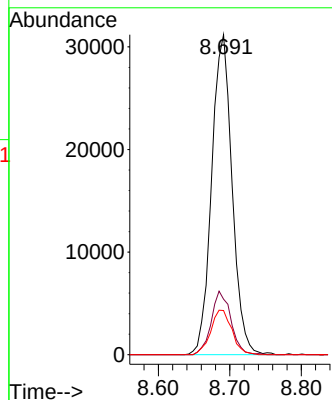
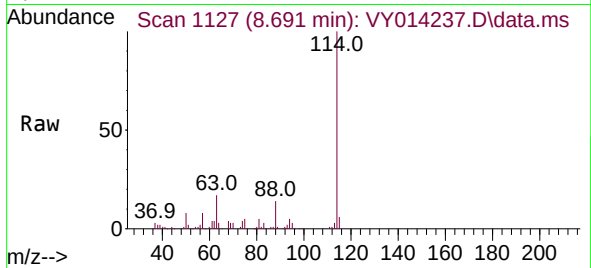




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014237.D
Acq: 19 Jun 2023 18:55

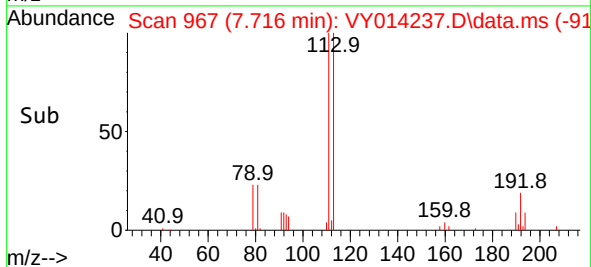
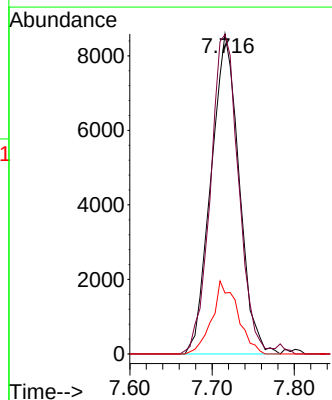
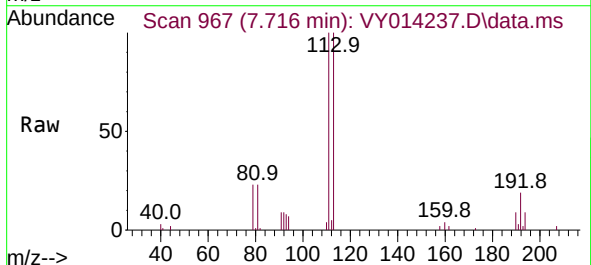
Instrument :
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ClientSampleId :
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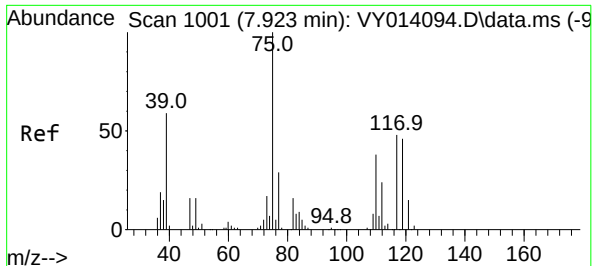
Tgt Ion:	114	Resp:	61956
Ion Ratio	Lower	Upper	
114	100		
63	17.4	0.0	42.4
88	13.8	0.0	30.6



#35
Dibromofluoromethane
Concen: 46.459 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014237.D
Acq: 19 Jun 2023 18:55

Tgt Ion:	113	Resp:	20413
Ion Ratio	Lower	Upper	
113	100		
111	100.0	81.3	121.9
192	20.9	16.9	25.3

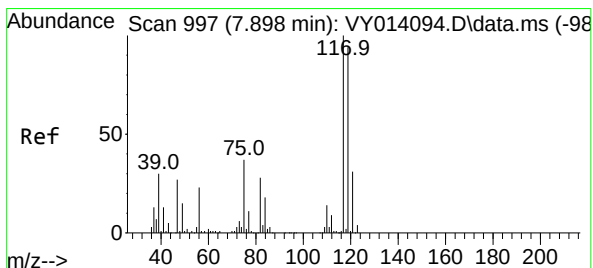
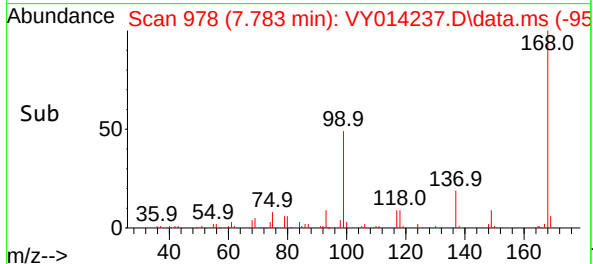
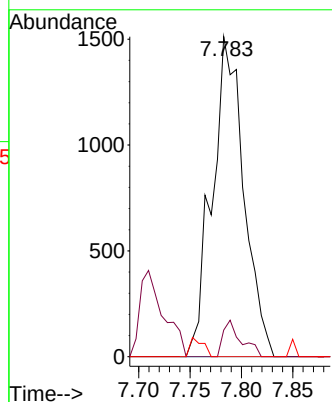
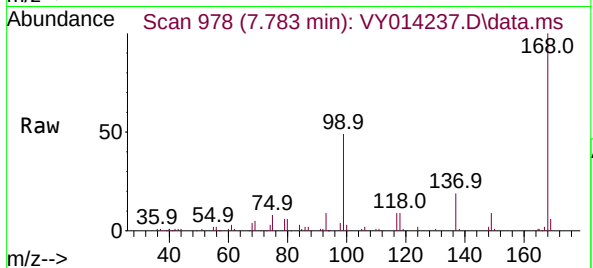




#36
1,1-Dichloropropene
Concen: 4.731 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY014237.D
Acq: 19 Jun 2023 18:55

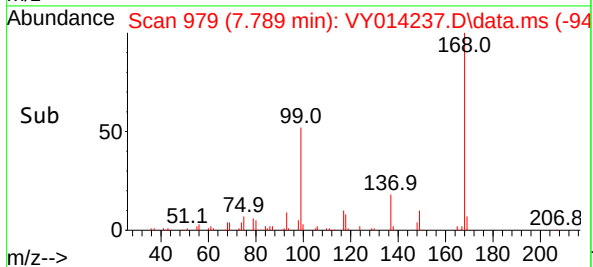
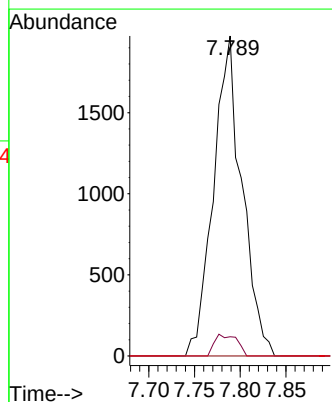
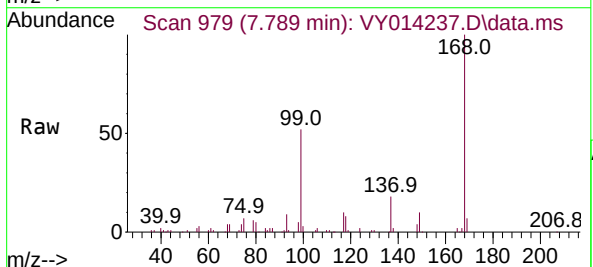
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ClientSampleId :
TOTAL-VOC-SB-24-GRAB-7RE

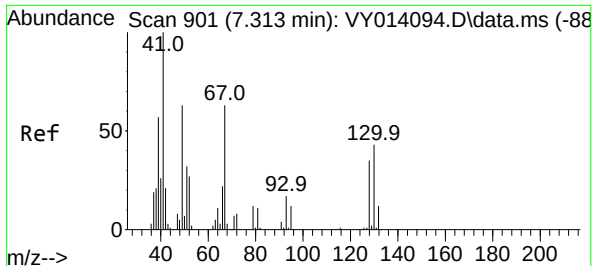
Tgt Ion: 75 Resp: 3241
Ion Ratio Lower Upper
75 100
110 6.4 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.421 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.109 min
Lab File: VY014237.D
Acq: 19 Jun 2023 18:55

Tgt Ion: 117 Resp: 4285
Ion Ratio Lower Upper
117 100
119 6.0 76.4 114.6#
121 0.0 25.8 38.6#

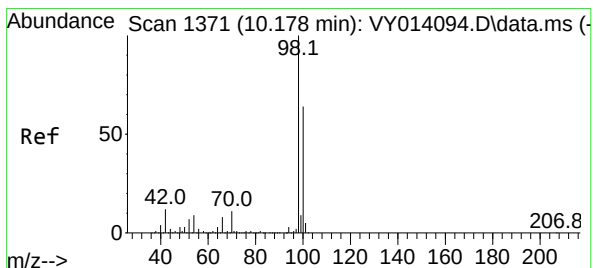
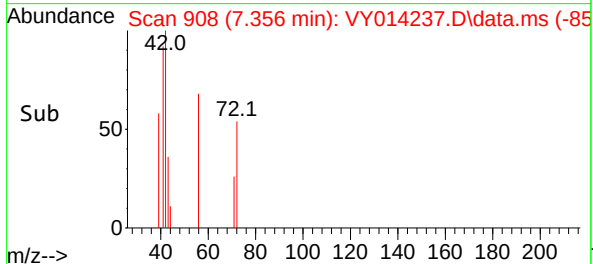
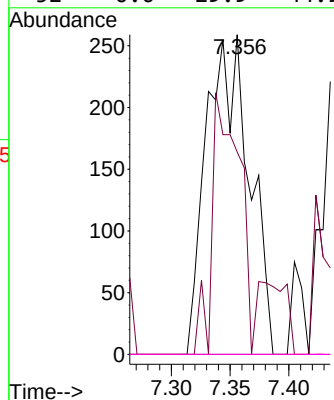
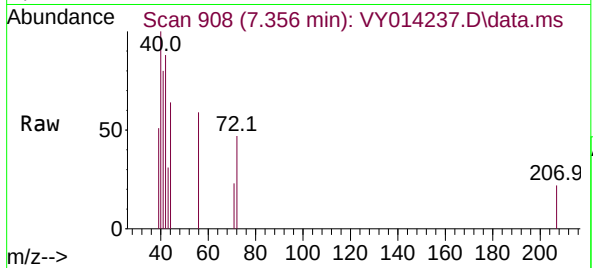




#41
Methacrylonitrile
Concen: 2.732 ug/l
RT: 7.356 min Scan# 901
Delta R.T. 0.043 min
Lab File: VY014237.D
Acq: 19 Jun 2023 18:55

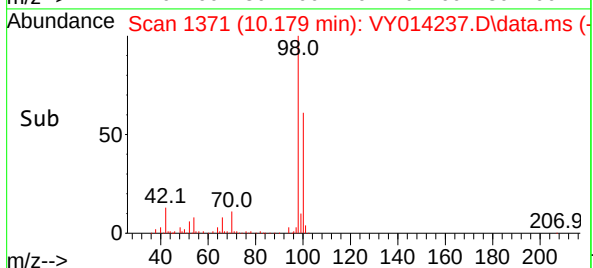
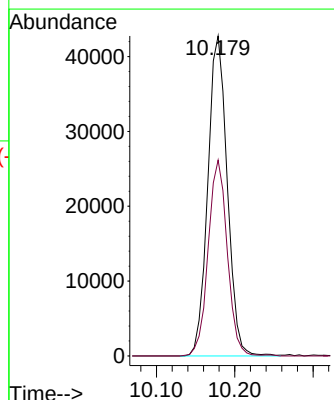
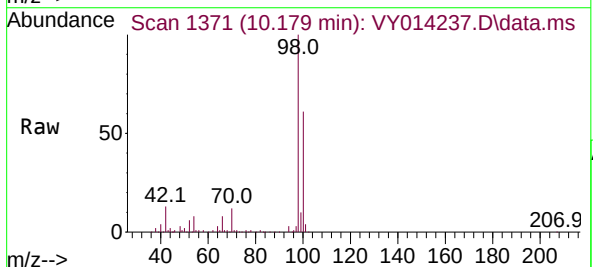
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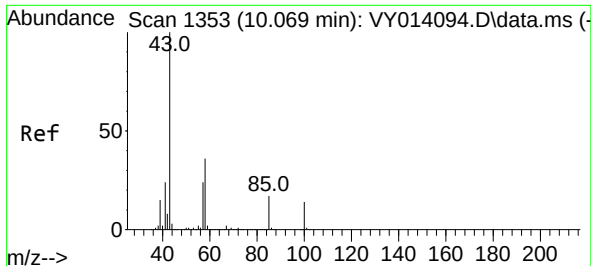
Tgt Ion: 41	Resp: 659
Ion Ratio	Lower Upper
41 100	
39 58.9	52.1 78.1
67 0.0	66.2 99.2#
52 0.0	29.9 44.9#



#50
Toluene-d8
Concen: 44.835 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014237.D
Acq: 19 Jun 2023 18:55

Tgt Ion: 98	Resp: 73648
Ion Ratio	Lower Upper
98 100	
100 60.2	50.1 75.1

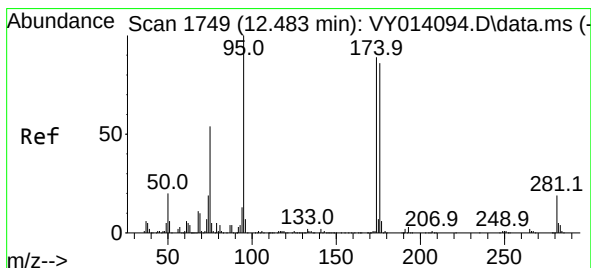
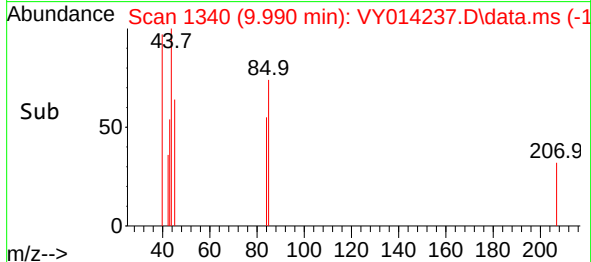
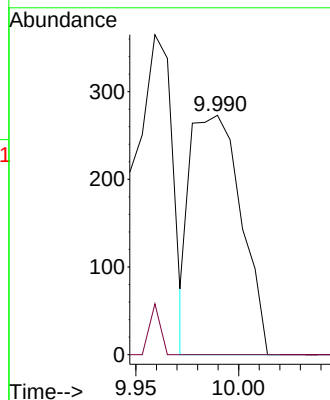
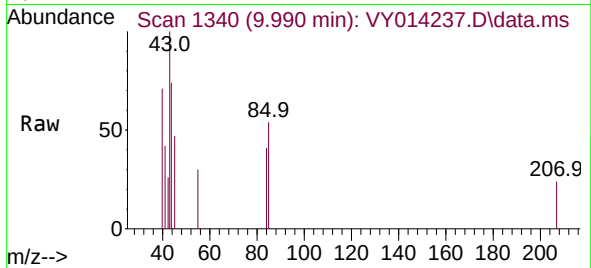




#51
4-Methyl-2-Pentanone
Concen: 1.047 ug/l
RT: 9.990 min Scan# 11
Delta R.T. -0.079 min
Lab File: VY014237.D
Acq: 19 Jun 2023 18:55

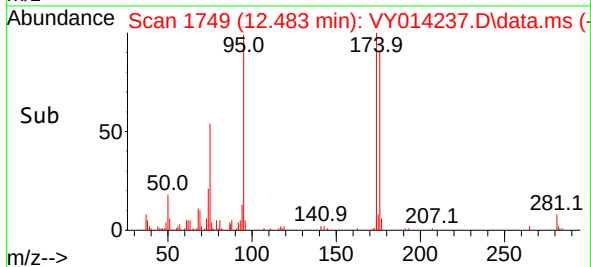
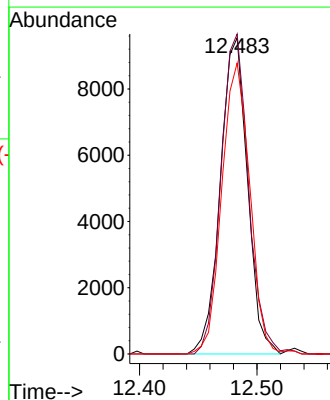
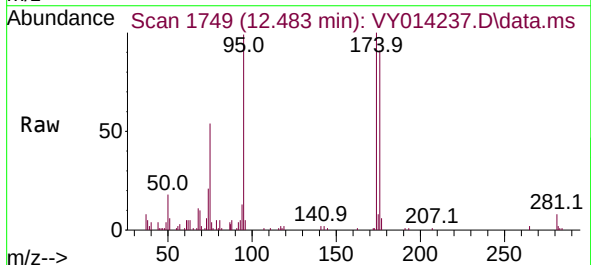
Instrument :
MSVOA_Y
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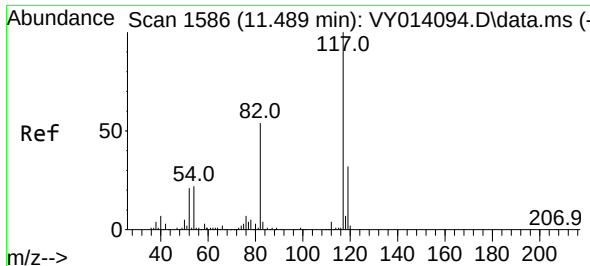
Tgt Ion: 43 Resp: 471
Ion Ratio Lower Upper
43 100
58 0.0 29.0 43.6#



#62
4-Bromofluorobenzene
Concen: 26.242 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014237.D
Acq: 19 Jun 2023 18:55

Tgt Ion: 95 Resp: 15313
Ion Ratio Lower Upper
95 100
174 102.8 0.0 178.2
176 94.9 0.0 173.8

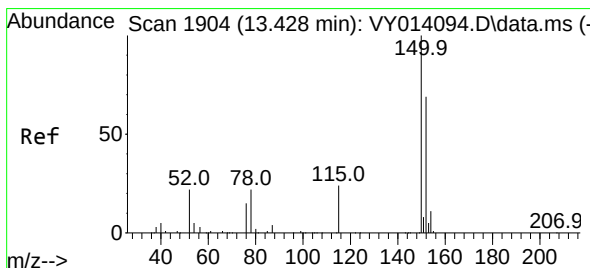
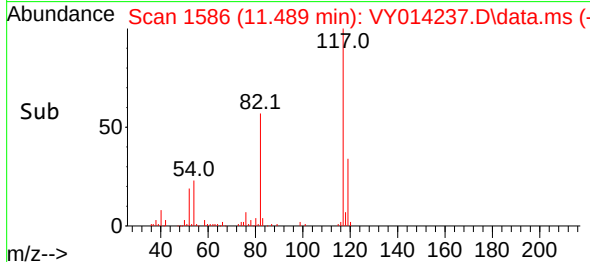
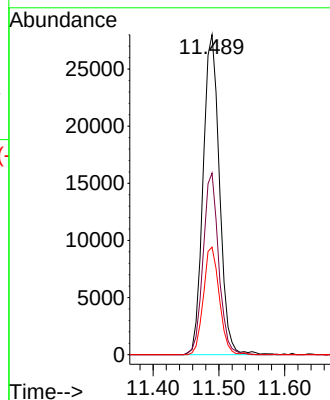
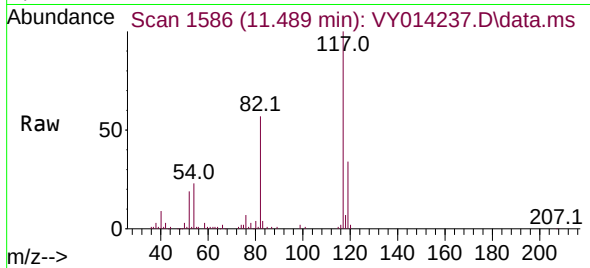




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014237.D
Acq: 19 Jun 2023 18:55

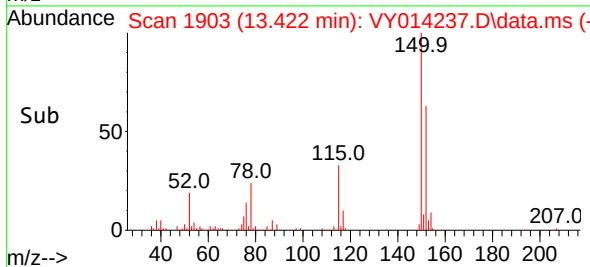
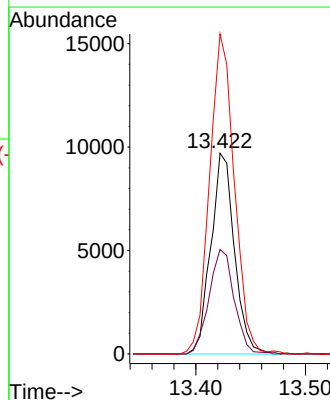
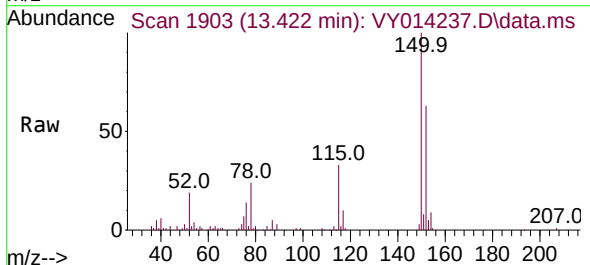
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-24-GRAB-7RE

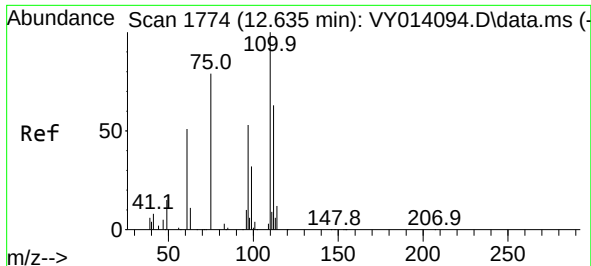
Tgt Ion:	117	Resp:	48532
Ion	Ratio	Lower	Upper
117	100		
82	56.7	43.4	65.0
119	33.6	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014237.D
Acq: 19 Jun 2023 18:55

Tgt Ion:	152	Resp:	14513
Ion	Ratio	Lower	Upper
152	100		
115	55.5	28.8	86.5
150	167.2	0.0	348.8

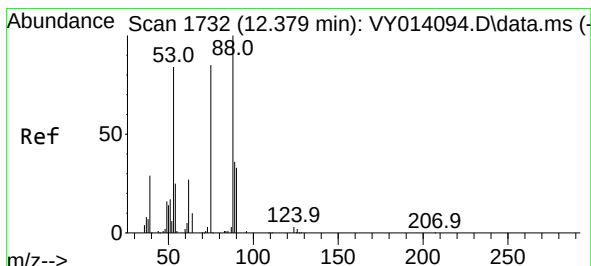
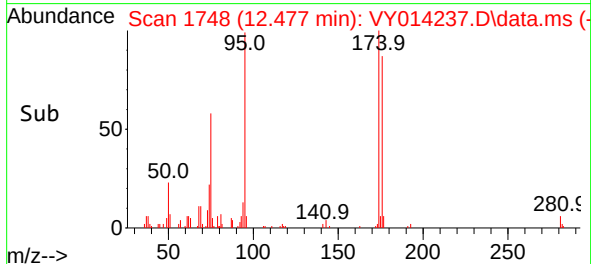
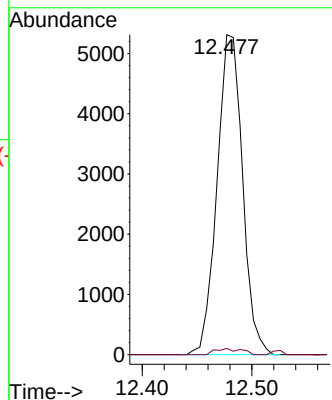
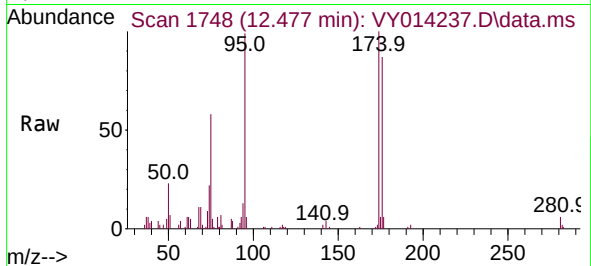




#76
1,2,3-Trichloropropane
Concen: 45.093 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY014237.D
Acq: 19 Jun 2023 18:55

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-24-GRAB-7RE

Tgt Ion: 75 Resp: 8586
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.473 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY014237.D
Acq: 19 Jun 2023 18:55

Tgt Ion: 75 Resp: 8586
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

