

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014332.D
 Acq On : 21 Jun 2023 13:47
 Operator : KP/MD
 Sample : 03333-01
 Misc : 6.31g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DOMINICK-SP-VOC

Quant Time: Jun 22 01:56:52 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)

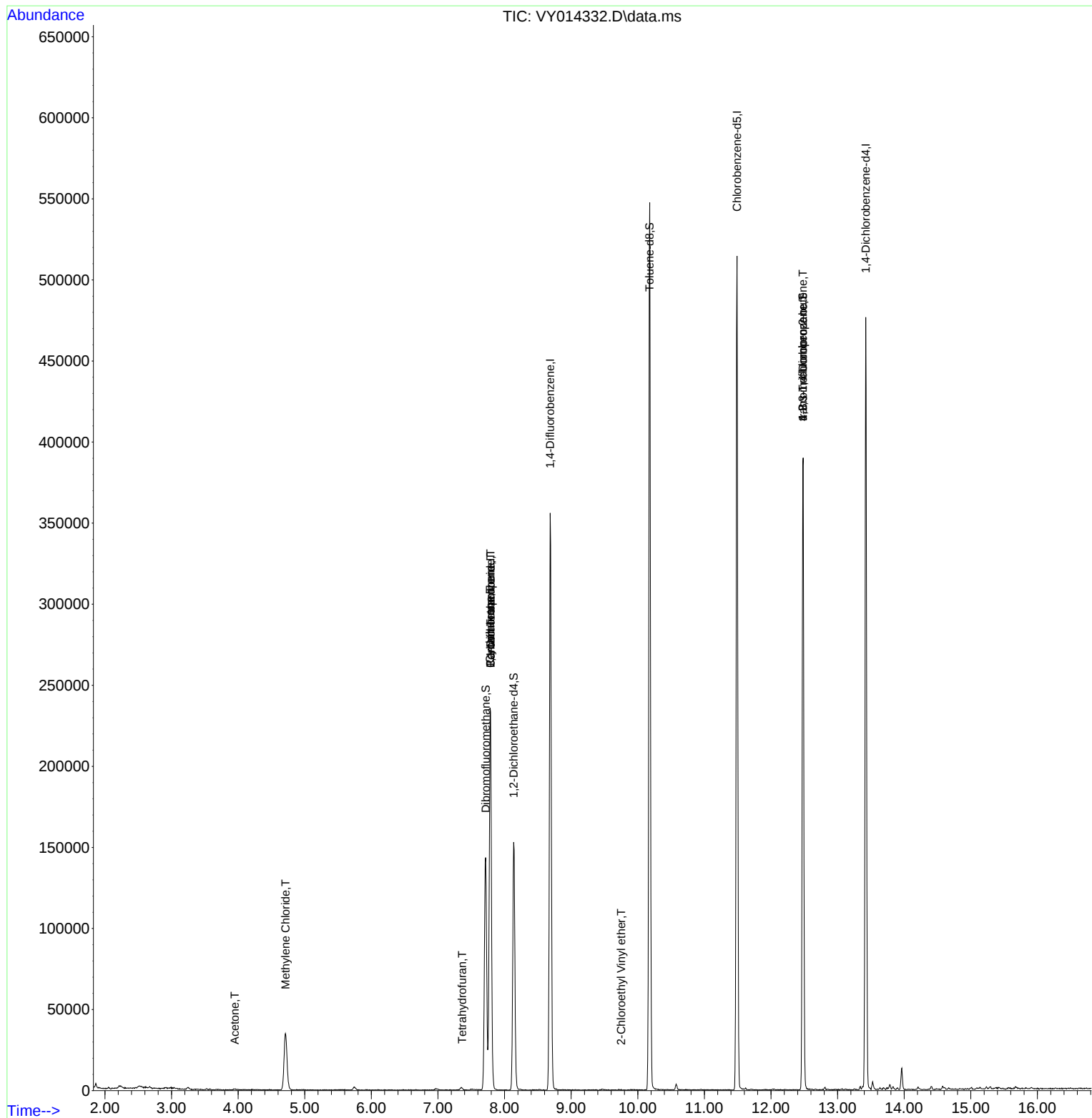
Internal Standards						
1) Pentafluorobenzene	7.789	168	184714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	293705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	275917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	129500	50.347	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.700%			
35) Dibromofluoromethane	7.716	113	98276	47.183	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.360%			
50) Toluene-d8	10.179	98	353998	45.460	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 90.920%			
62) 4-Bromofluorobenzene	12.477	95	111289	40.232	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 80.460%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	360	Below Cal	#	89
16) Acetone	3.948	43	1048	1.352	ug/l #	76
20) Methylene Chloride	4.710	84	26147	7.517	ug/l	95
29) Tetrahydrofuran	7.362	42	1126	1.861	ug/l	93
31) Cyclohexane	7.783	56	3683	1.069	ug/l #	17
36) 1,1-Dichloropropene	7.789	75	13673	4.211	ug/l #	50
38) Carbon Tetrachloride	7.789	117	18306	4.885	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.752	63	26	28.638	ug/l #	48
76) 1,2,3-Trichloropropane	12.477	75	60947	37.464	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	60947	80.982	ug/l #	11

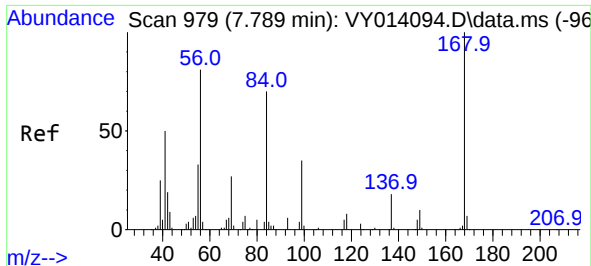
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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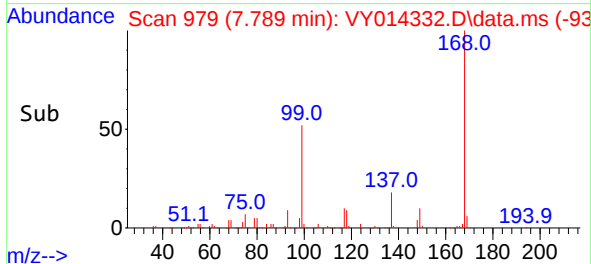
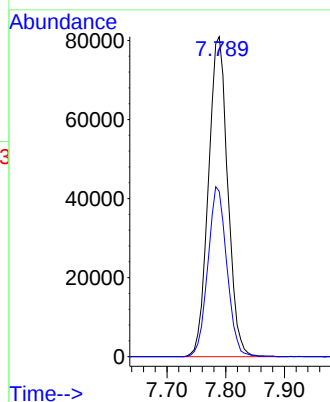
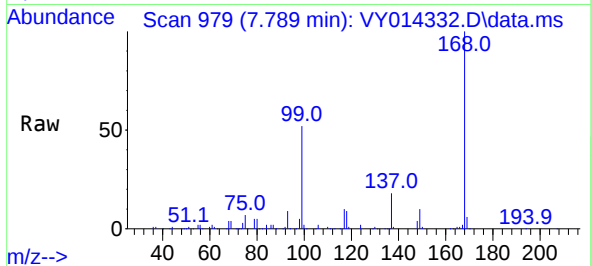




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014332.D
Acq: 21 Jun 2023 13:47

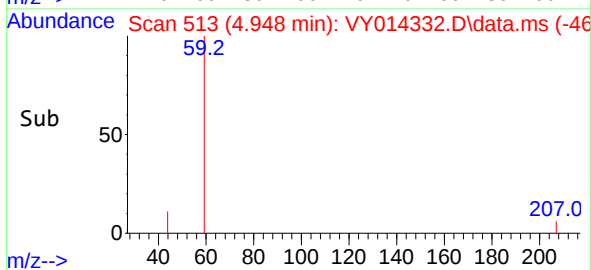
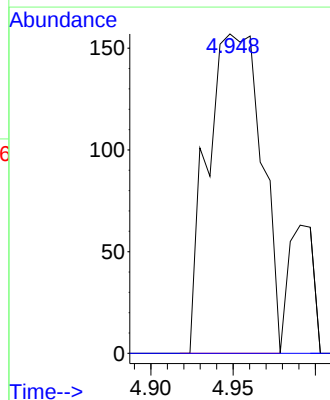
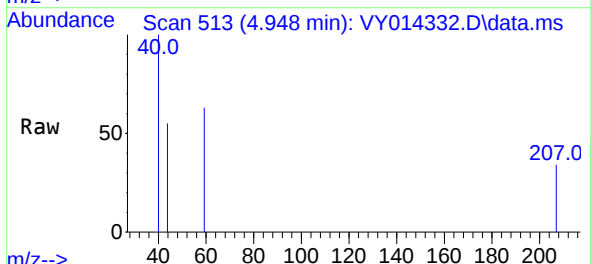
Instrument :
MSVOA_Y
ClientSampleId :
DOMINICK-SP-VOC

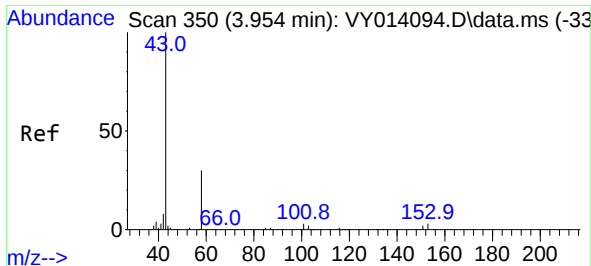
Tgt Ion:168 Resp: 184714
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY014332.D
Acq: 21 Jun 2023 13:47

Tgt Ion: 59 Resp: 360
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

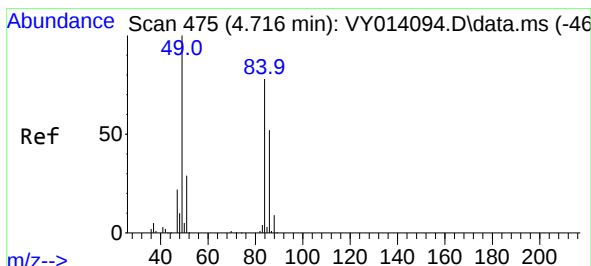
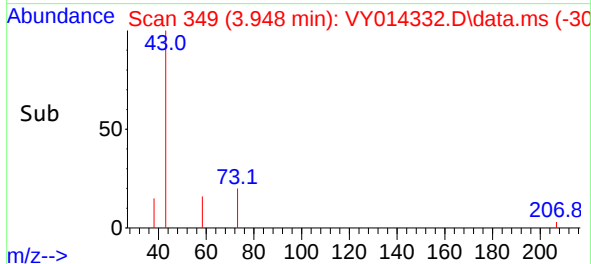
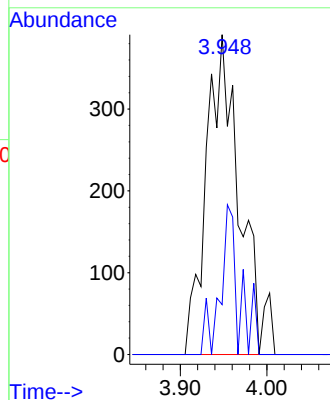
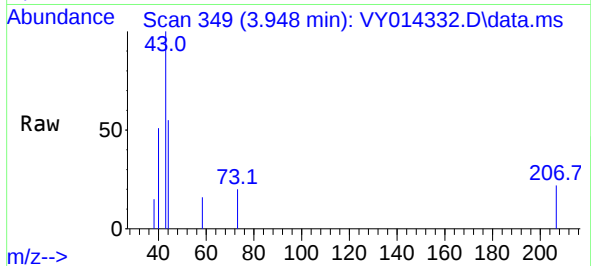




#16
Acetone
Concen: 1.352 ug/l
RT: 3.948 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY014332.D
Acq: 21 Jun 2023 13:47

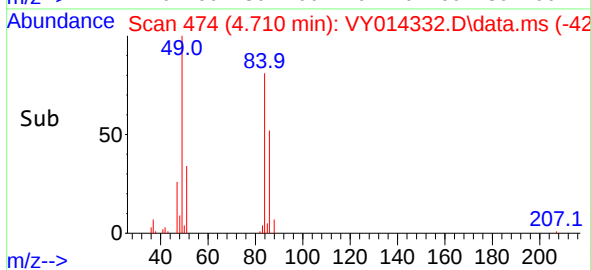
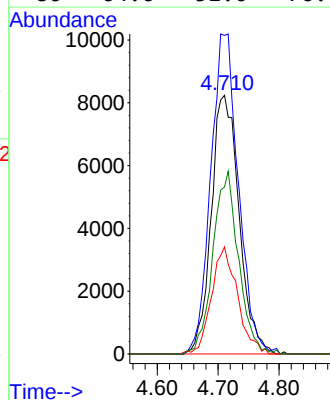
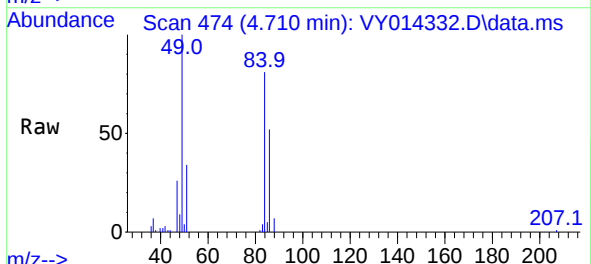
Instrument :
MSVOA_Y
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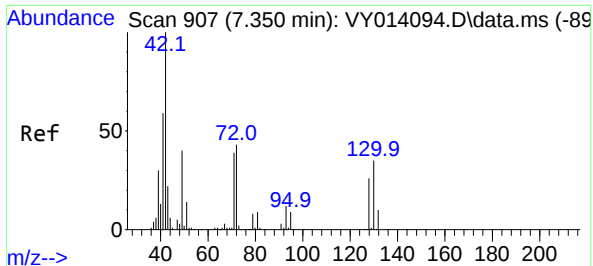
Tgt Ion: 43 Resp: 1048
Ion Ratio Lower Upper
43 100
58 15.6 22.7 34.1#



#20
Methylene Chloride
Concen: 7.517 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014332.D
Acq: 21 Jun 2023 13:47

Tgt Ion: 84 Resp: 26147
Ion Ratio Lower Upper
84 100
49 123.1 106.9 160.3
51 41.3 33.2 49.8
86 64.6 51.0 76.6

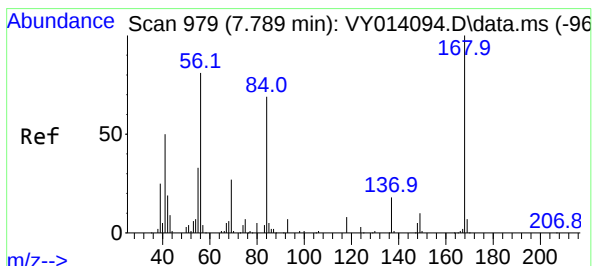
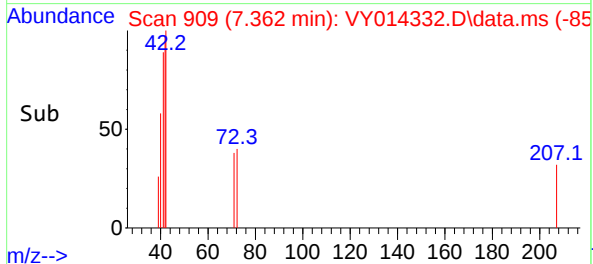
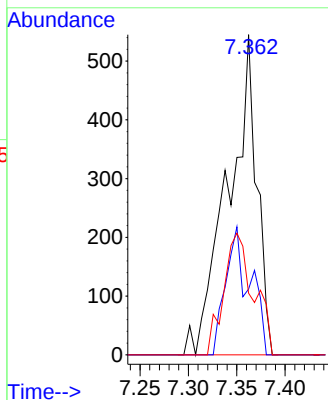
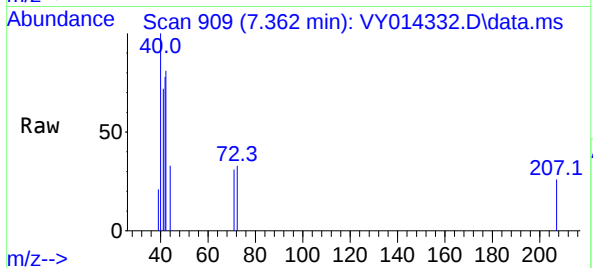




#29
Tetrahydrofuran
Concen: 1.861 ug/l
RT: 7.362 min Scan# 907
Delta R.T. 0.012 min
Lab File: VY014332.D
Acq: 21 Jun 2023 13:47

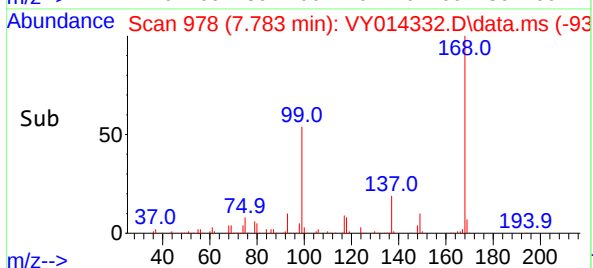
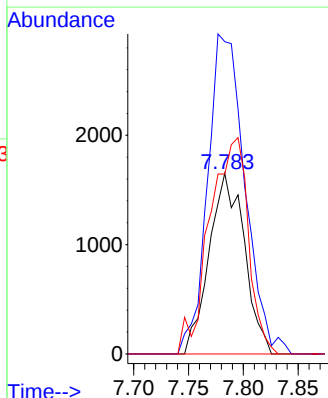
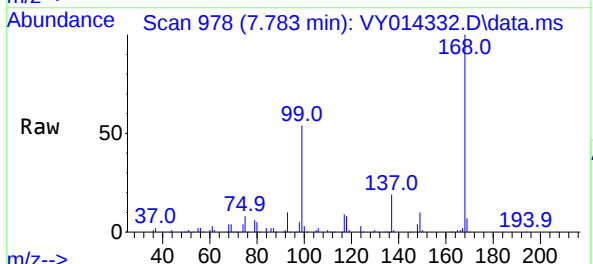
Instrument :
MSVOA_Y
ClientSampleId :
DOMINICK-SP-VOC

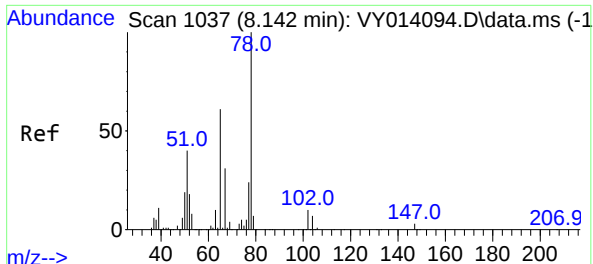
Tgt Ion:	42	Resp:	1126
Ion	Ratio	Lower	Upper
42	100		
72	33.6	32.8	49.2
71	39.3	31.0	46.4



#31
Cyclohexane
Concen: 1.069 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY014332.D
Acq: 21 Jun 2023 13:47

Tgt Ion:	56	Resp:	3683
Ion	Ratio	Lower	Upper
56	100		
69	172.9	27.8	41.6#
84	99.6	66.4	99.6





#33

1,2-Dichloroethane-d4

Concen: 50.347 ug/l

RT: 8.137 min Scan# 1

Delta R.T. -0.005 min

Lab File: VY014332.D

Acq: 21 Jun 2023 13:47

Instrument :

MSVOA_Y

ClientSampleId :

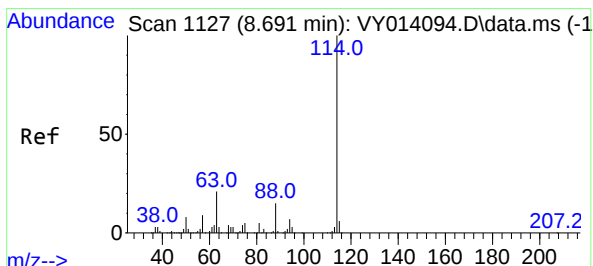
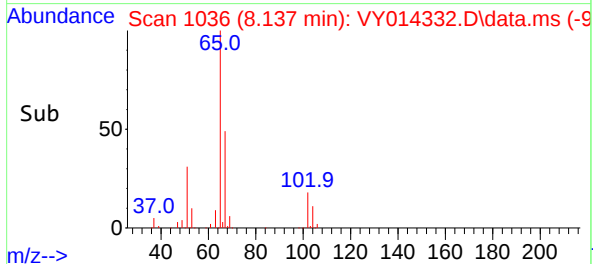
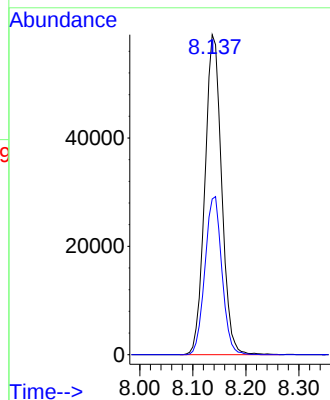
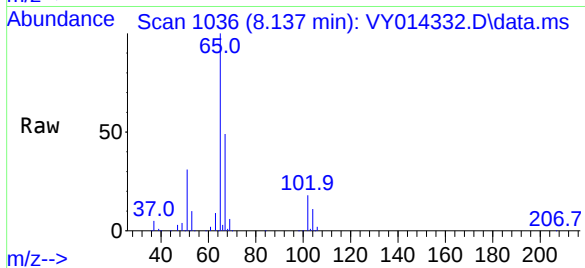
DOMINICK-SP-VOC

Tgt Ion: 65 Resp: 129500

Ion Ratio Lower Upper

65 100

67 49.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014332.D

Acq: 21 Jun 2023 13:47

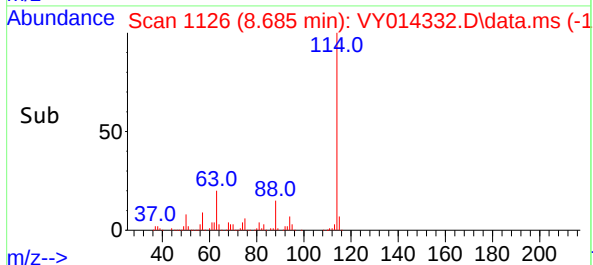
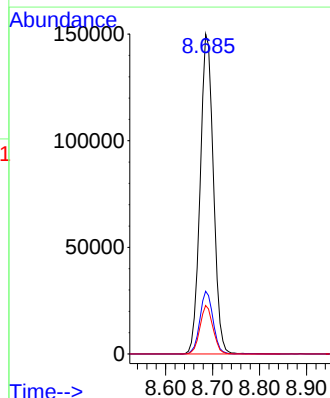
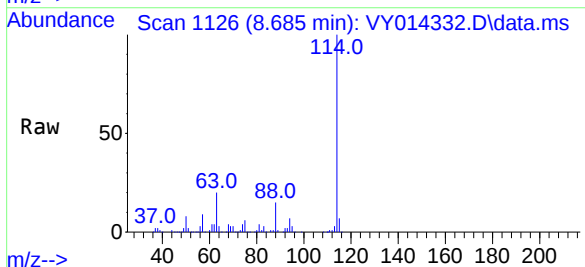
Tgt Ion: 114 Resp: 293705

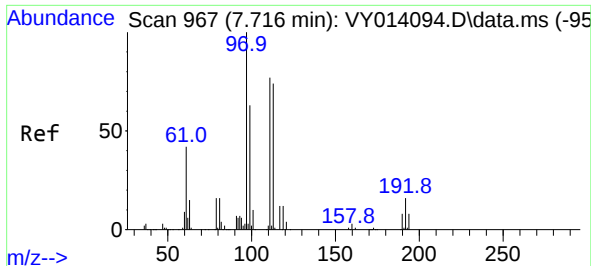
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 15.1 0.0 30.6

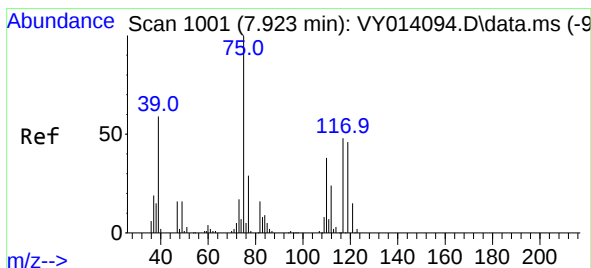
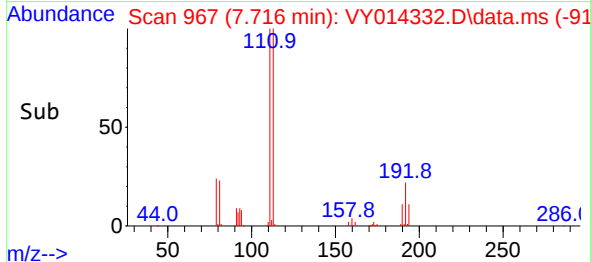
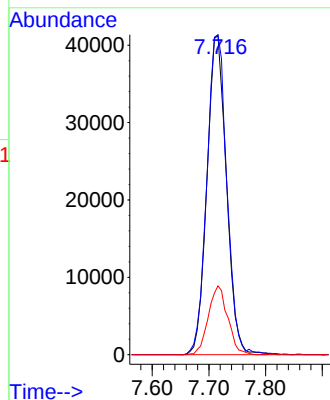
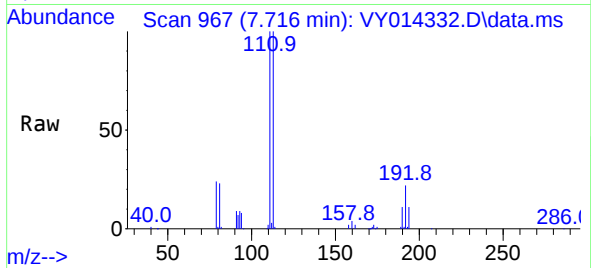




#35
Dibromofluoromethane
Concen: 47.183 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014332.D
Acq: 21 Jun 2023 13:47

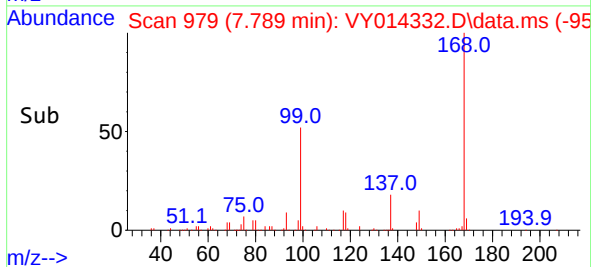
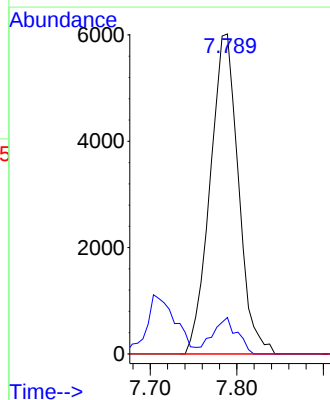
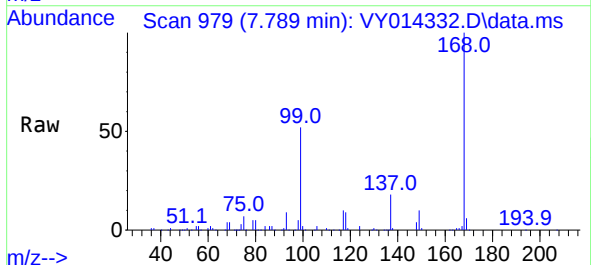
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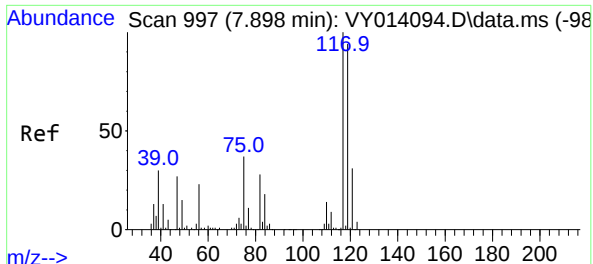
Tgt Ion:113 Resp: 98276
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 21.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.211 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY014332.D
Acq: 21 Jun 2023 13:47

Tgt Ion: 75 Resp: 13673
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.5#
77 0.0 24.4 36.6#

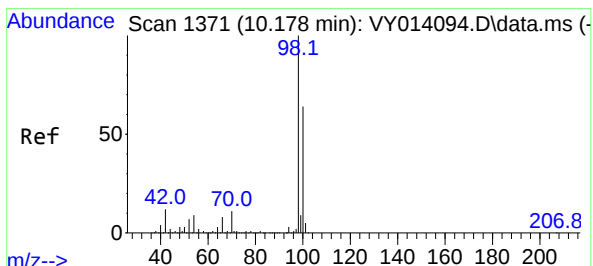
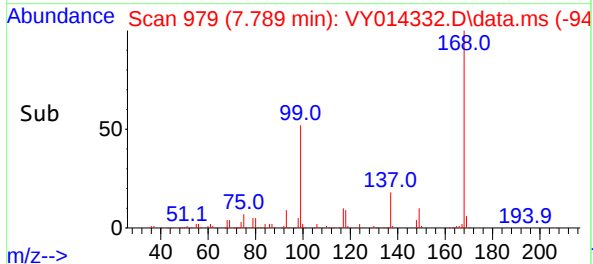
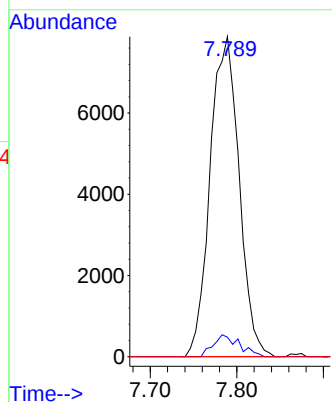
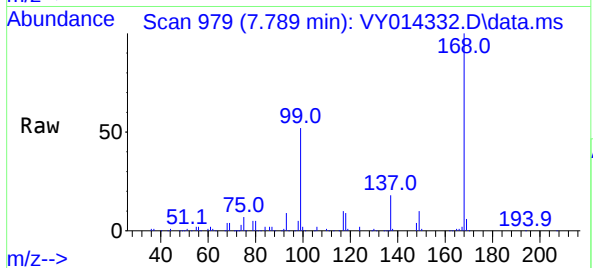




#38
Carbon Tetrachloride
Concen: 4.885 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY014332.D
Acq: 21 Jun 2023 13:47

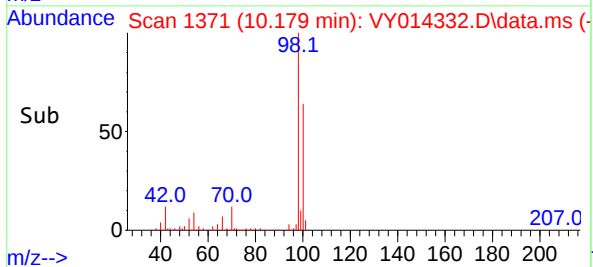
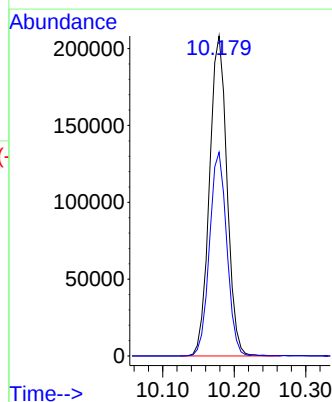
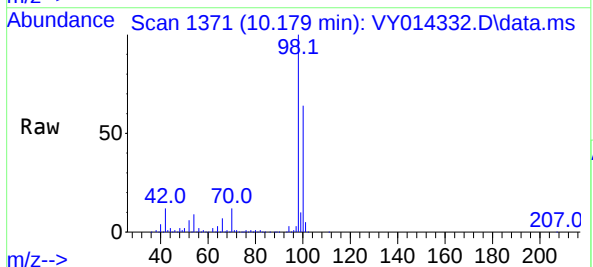
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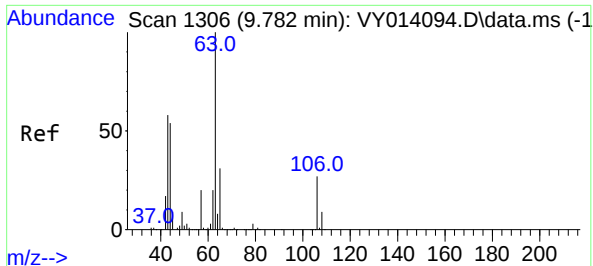
Tgt Ion:117 Resp: 18306
Ion Ratio Lower Upper
117 100
119 6.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 45.460 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014332.D
Acq: 21 Jun 2023 13:47

Tgt Ion: 98 Resp: 353998
Ion Ratio Lower Upper
98 100
100 62.9 50.1 75.1

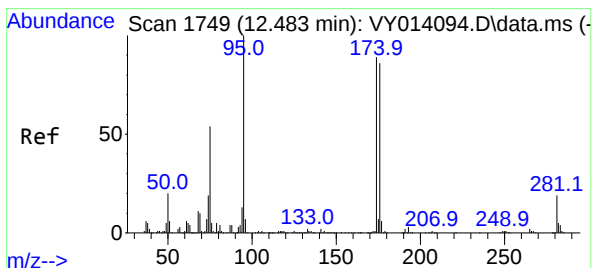
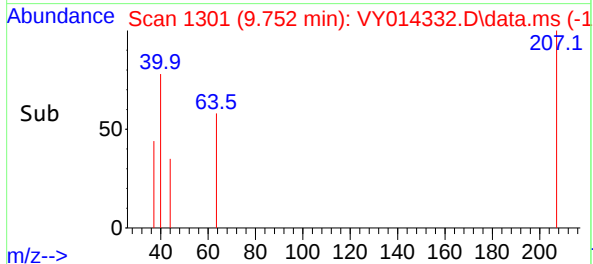
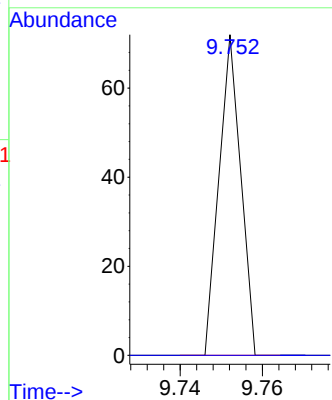
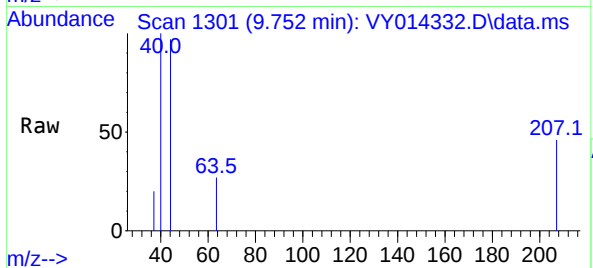




#58
2-Chloroethyl Vinyl ether
Concen: 28.638 ug/l
RT: 9.752 min Scan# 11
Delta R.T. -0.030 min
Lab File: VY014332.D
Acq: 21 Jun 2023 13:47

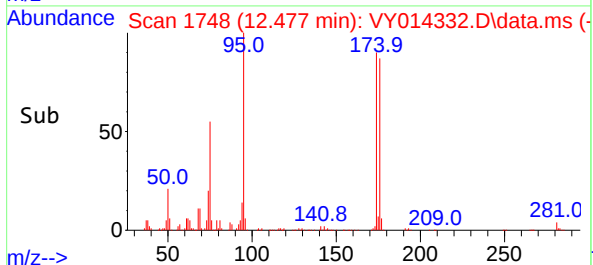
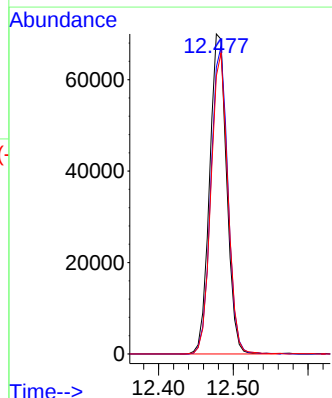
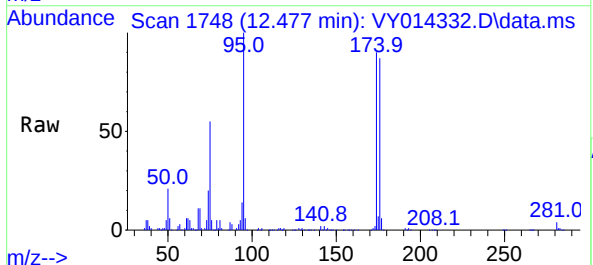
Instrument :
MSVOA_Y
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DOMINICK-SP-VOC

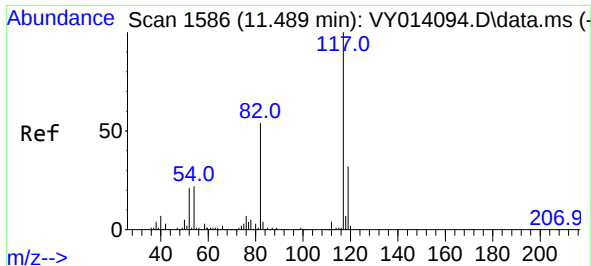
Tgt Ion: 63 Resp: 26
Ion Ratio Lower Upper
63 100
106 0.0 21.2 31.8#



#62
4-Bromofluorobenzene
Concen: 40.232 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014332.D
Acq: 21 Jun 2023 13:47

Tgt Ion: 95 Resp: 111289
Ion Ratio Lower Upper
95 100
174 94.9 0.0 178.2
176 92.6 0.0 173.8

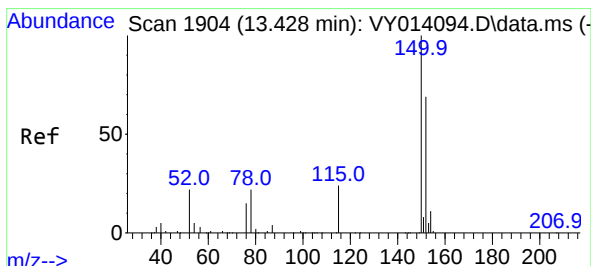
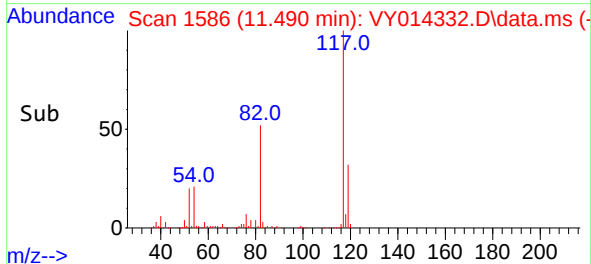
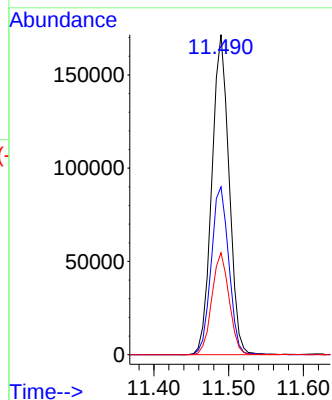
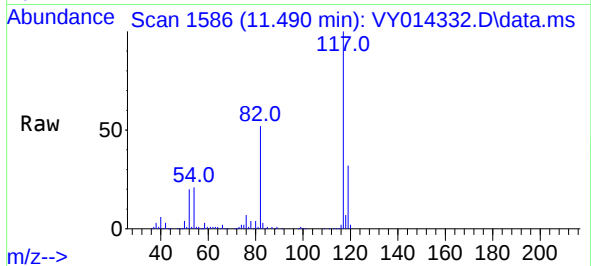




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014332.D
Acq: 21 Jun 2023 13:47

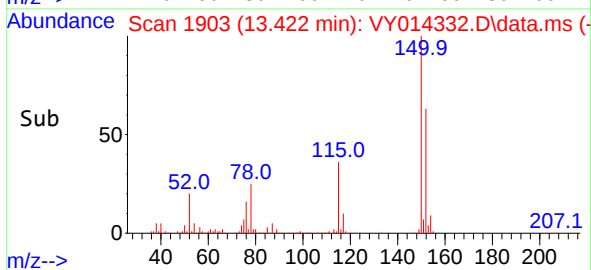
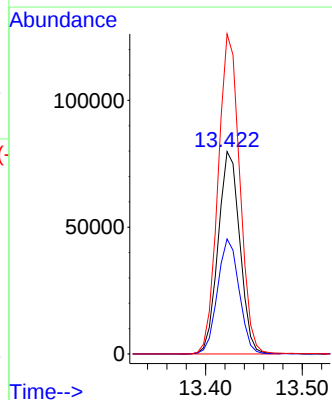
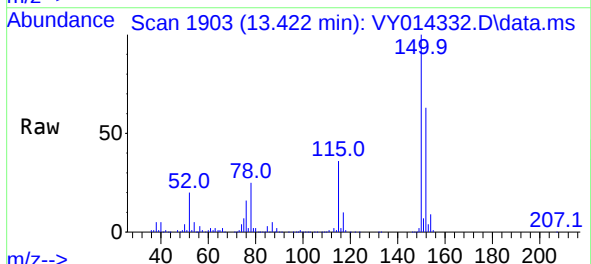
Instrument :
MSVOA_Y
ClientSampleId :
DOMINICK-SP-VOC

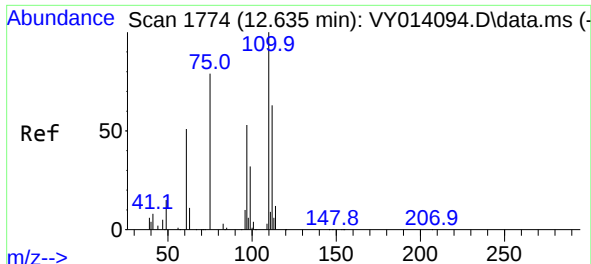
Tgt Ion:117 Resp: 275917
Ion Ratio Lower Upper
117 100
82 52.5 43.4 65.0
119 31.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014332.D
Acq: 21 Jun 2023 13:47

Tgt Ion:152 Resp: 123998
Ion Ratio Lower Upper
152 100
115 56.8 28.8 86.5
150 158.2 0.0 348.8

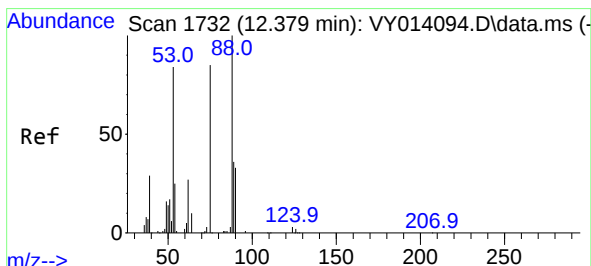
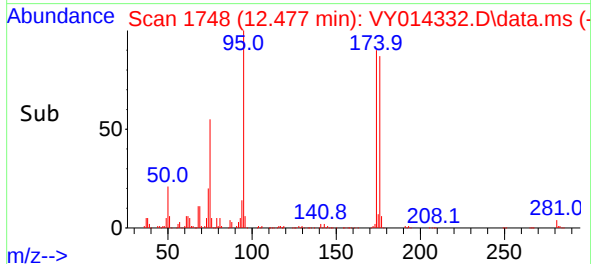
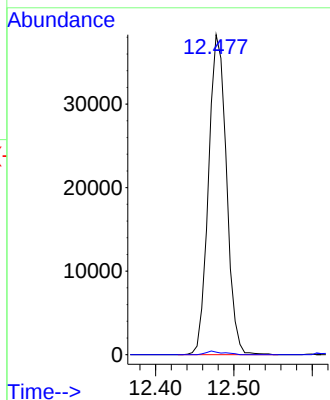
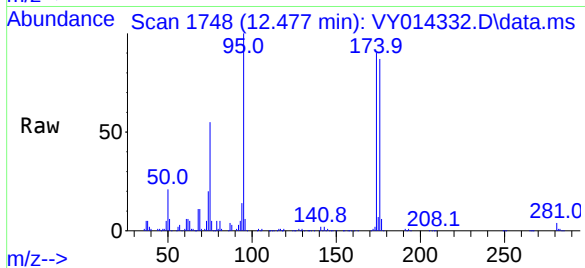




#76
1,2,3-Trichloropropane
Concen: 37.464 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY014332.D
Acq: 21 Jun 2023 13:47

Instrument :
MSVOA_Y
ClientSampleId :
DOMINICK-SP-VOC

Tgt Ion: 75 Resp: 60947
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.982 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY014332.D
Acq: 21 Jun 2023 13:47

Tgt Ion: 75 Resp: 60947
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

