

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
 Data File : VY015079.D
 Acq On : 14 Aug 2023 15:12
 Operator : SY/MD
 Sample : 03971-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP02A

Quant Time: Aug 14 15:41:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

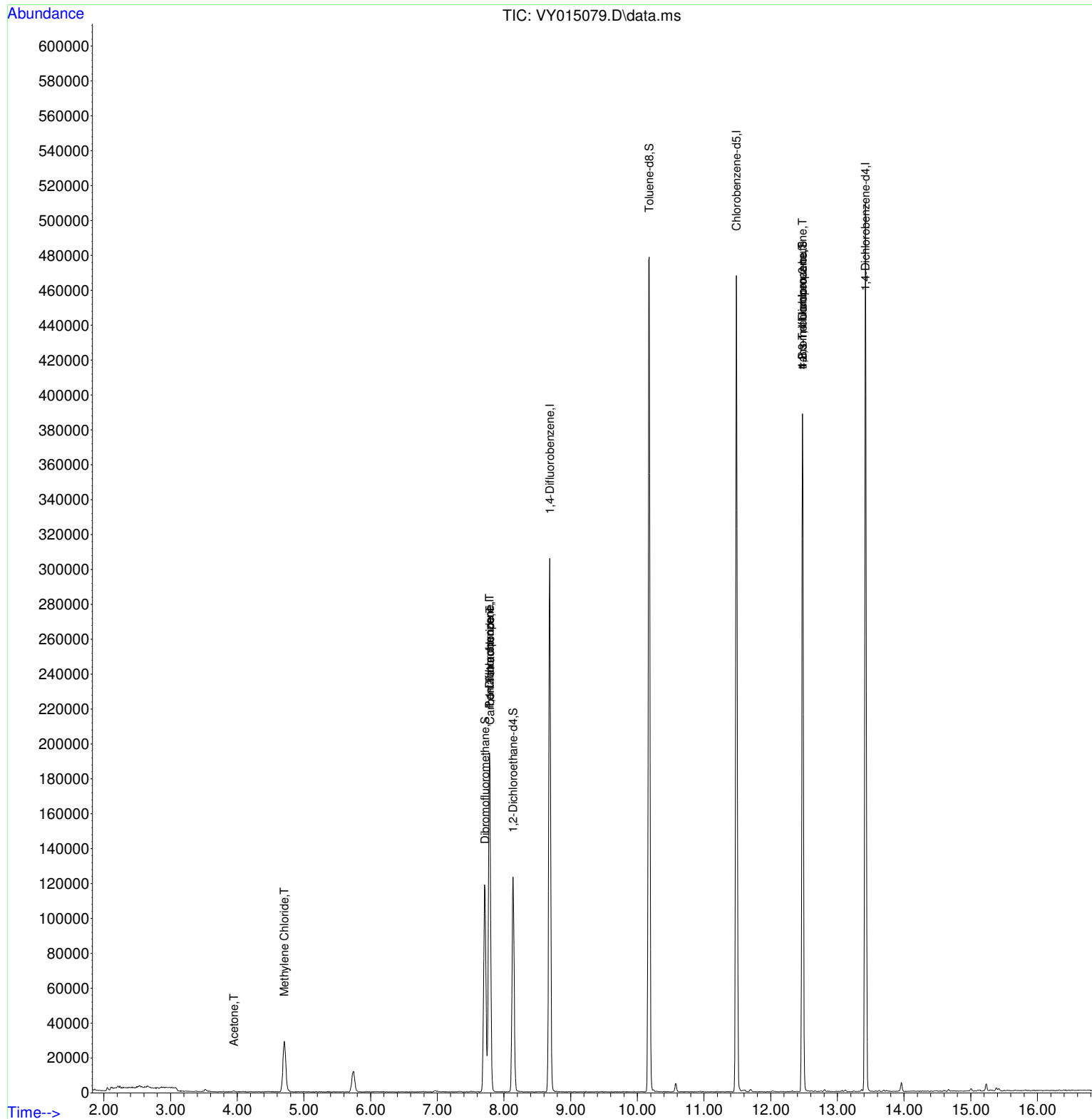
Internal Standards						
1) Pentafluorobenzene	7.783	168	152331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	264129	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	254184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	126960	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97208	53.16	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 106.32%		
35) Dibromofluoromethane	7.716	113	83616	49.21	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 98.42%		
50) Toluene-d8	10.179	98	314556	49.73	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 99.46%		
62) 4-Bromofluorobenzene	12.477	95	117367	50.80	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 101.60%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	22	Below Cal	#	43
3) Chloromethane	2.107	50	759	Below Cal	#	64
5) Bromomethane	2.650	94	372	Below Cal		82
11) Tert butyl alcohol	4.942	59	98	Below Cal	#	89
13) Acrolein	3.735	56	48	Below Cal	#	14
16) Acetone	3.948	43	737	1.23	ug/l	93
20) Methylene Chloride	4.704	84	21913	12.02	ug/l	90
31) Cyclohexane	7.789	56	3461	Below Cal	#	26
36) 1,1-Dichloropropene	7.783	75	12089	6.43	ug/l #	49
38) Carbon Tetrachloride	7.789	117	15103	6.79	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	63920	41.44	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	63920	91.02	ug/l #	11

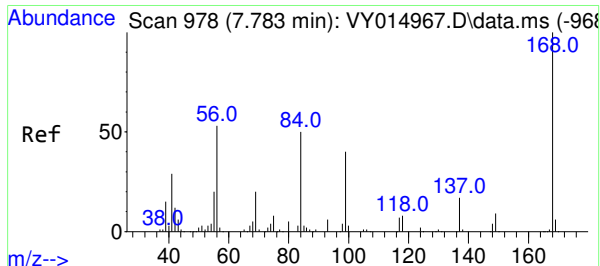
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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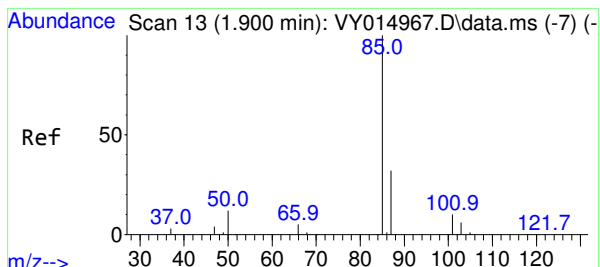
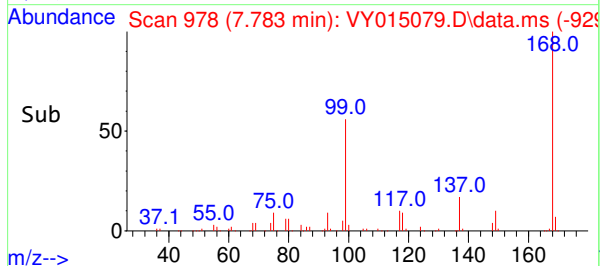
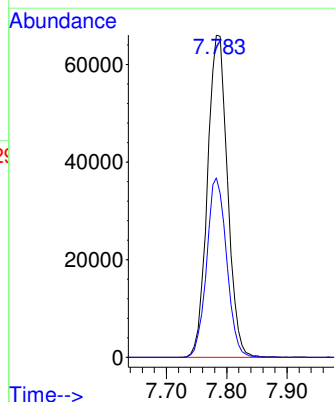
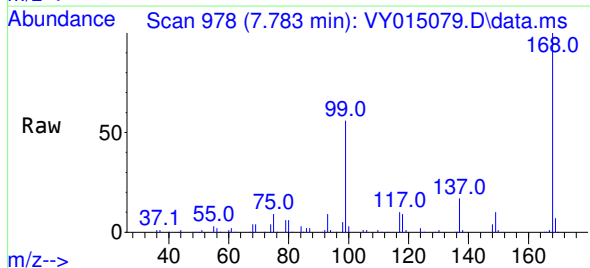




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY015079.D
Acq: 14 Aug 2023 15:12

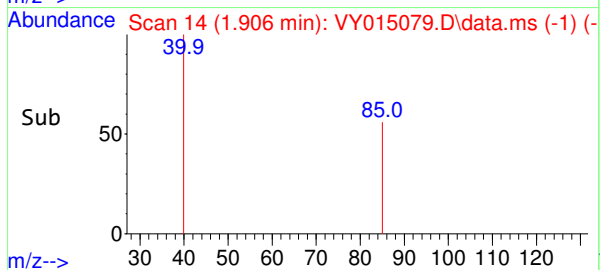
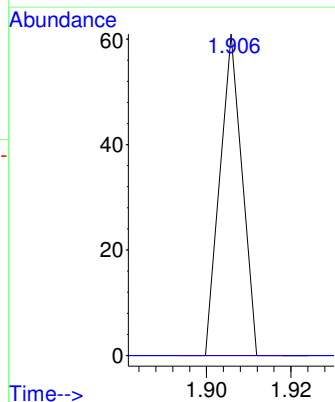
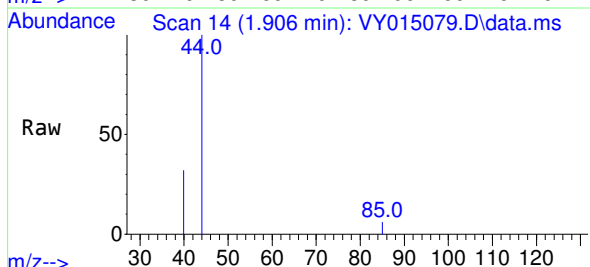
Instrument :
MSVOA_Y
ClientSampleId :
B-PP02A

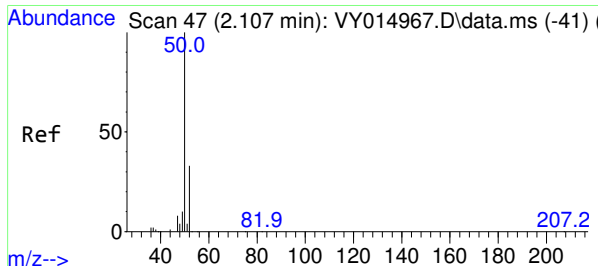
Tgt Ion:168 Resp: 152331
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015079.D
Acq: 14 Aug 2023 15:12

Tgt Ion: 85 Resp: 22
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

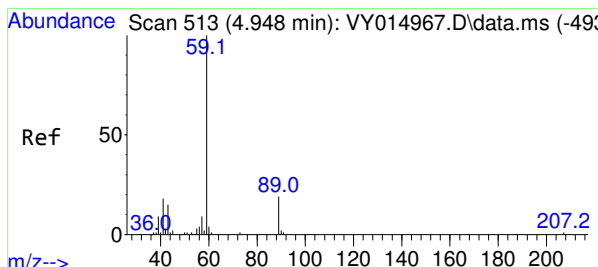
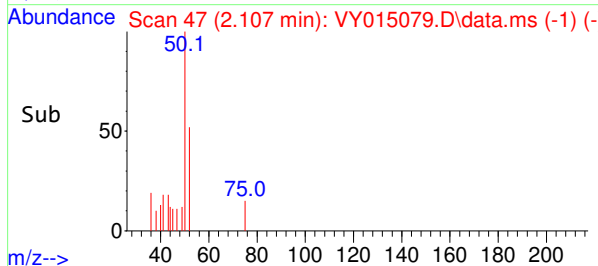
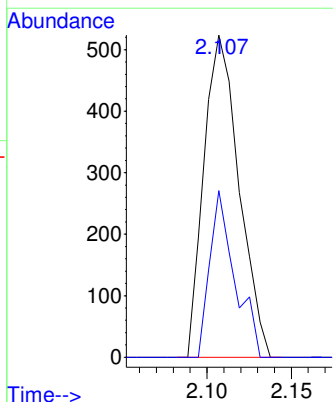
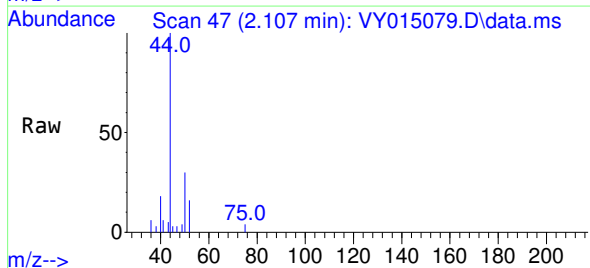




#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 4
Delta R.T. -0.000 min
Lab File: VY015079.D
Acq: 14 Aug 2023 15:12

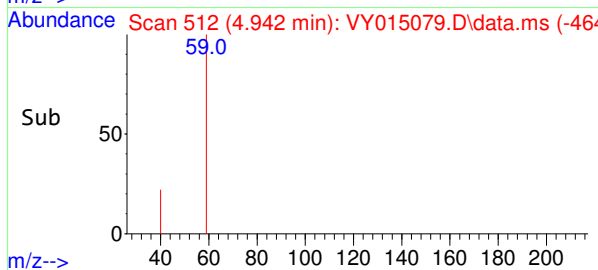
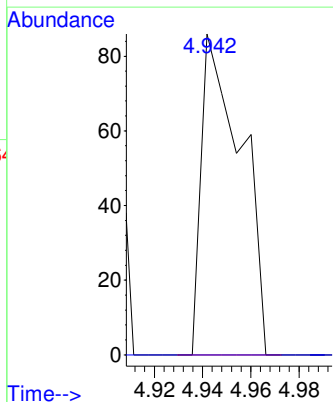
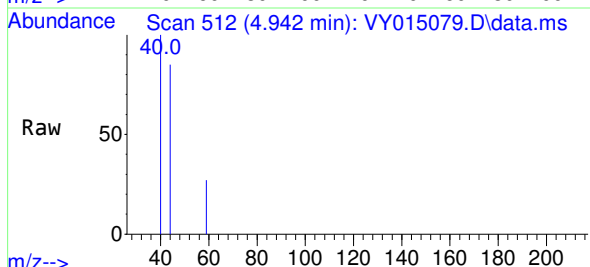
Instrument :
MSVOA_Y
ClientSampleId :
B-PP02A

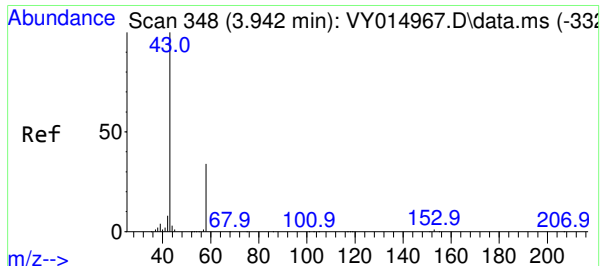
Tgt Ion: 50 Resp: 759
Ion Ratio Lower Upper
50 100
52 51.7 25.4 38.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY015079.D
Acq: 14 Aug 2023 15:12

Tgt Ion: 59 Resp: 98
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

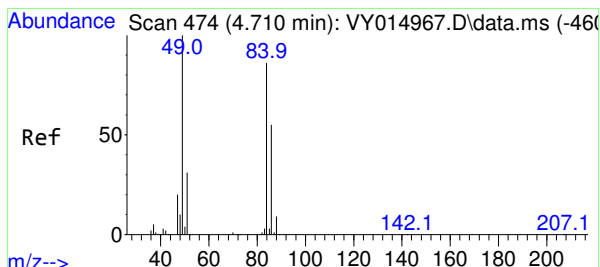
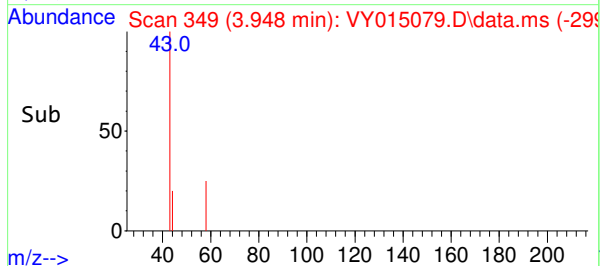
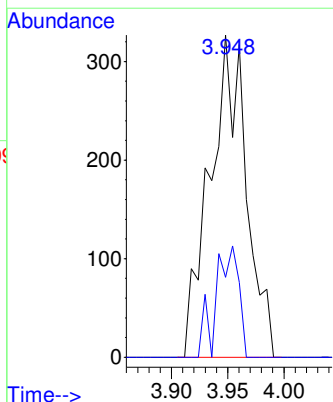
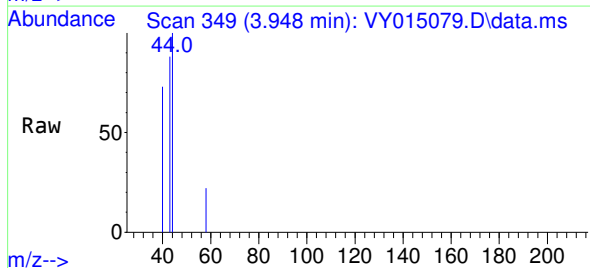




#16
Acetone
Concen: 1.23 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY015079.D
Acq: 14 Aug 2023 15:12

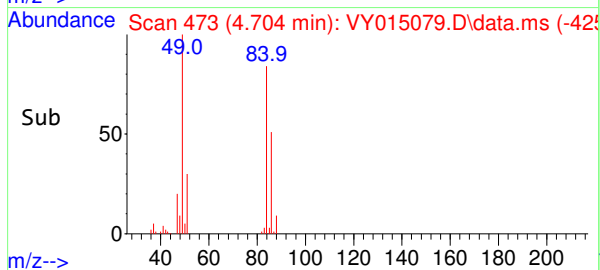
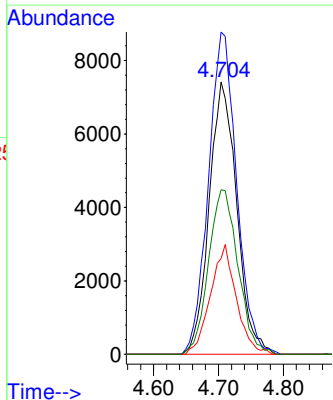
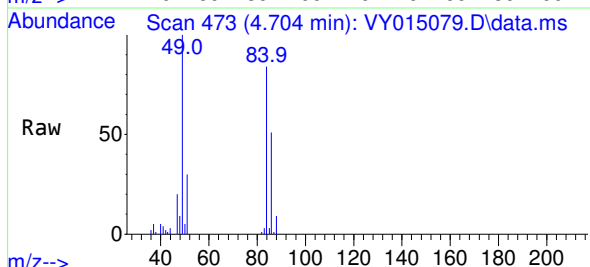
Instrument :
MSVOA_Y
ClientSampleId :
B-PP02A

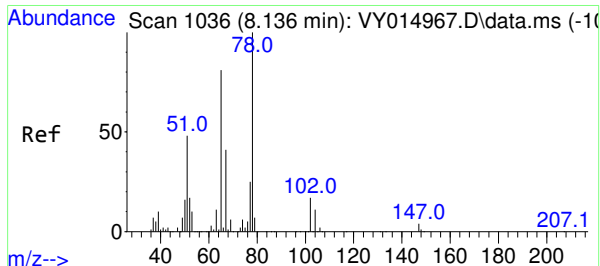
Tgt Ion: 43 Resp: 737
Ion Ratio Lower Upper
43 100
58 24.8 22.7 34.1



#20
Methylene Chloride
Concen: 12.02 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015079.D
Acq: 14 Aug 2023 15:12

Tgt Ion: 84 Resp: 21913
Ion Ratio Lower Upper
84 100
49 118.4 106.9 160.3
51 35.1 33.2 49.8
86 60.4 51.0 76.6

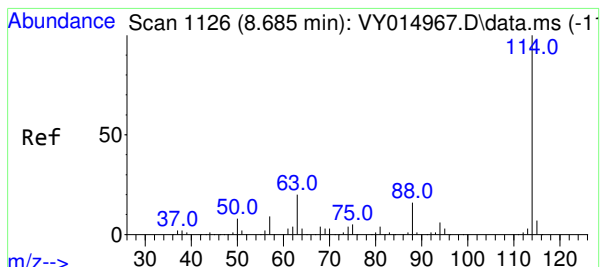
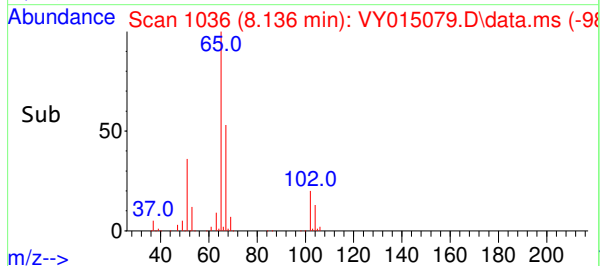
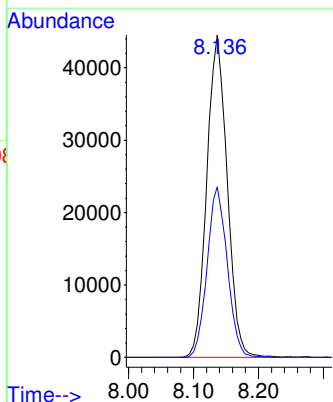
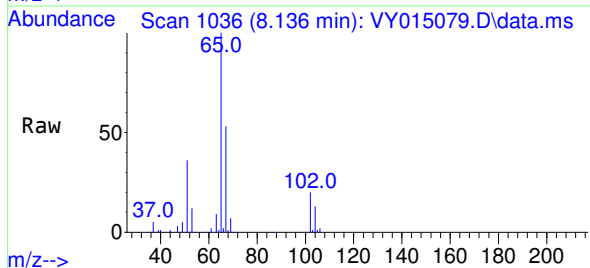




#33
1,2-Dichloroethane-d4
Concen: 53.16 ug/l
RT: 8.136 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY015079.D
Acq: 14 Aug 2023 15:12

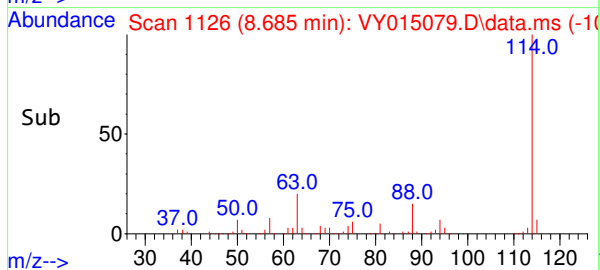
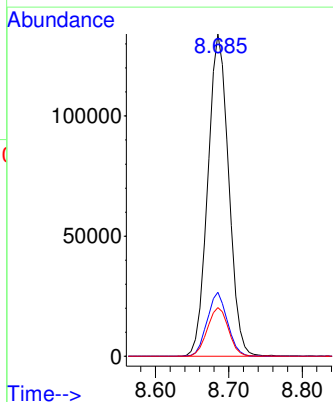
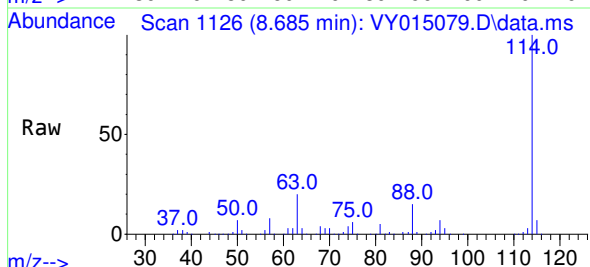
Instrument :
MSVOA_Y
ClientSampleId :
B-PP02A

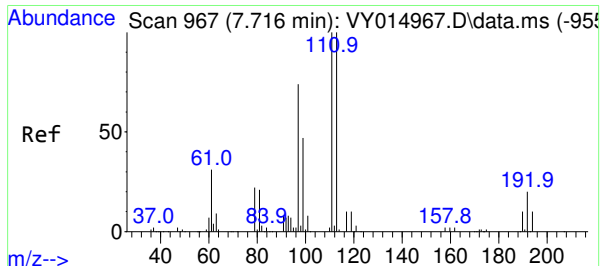
Tgt Ion: 65 Resp: 97208
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015079.D
Acq: 14 Aug 2023 15:12

Tgt Ion: 114 Resp: 264129
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.4
88 15.1 0.0 30.6

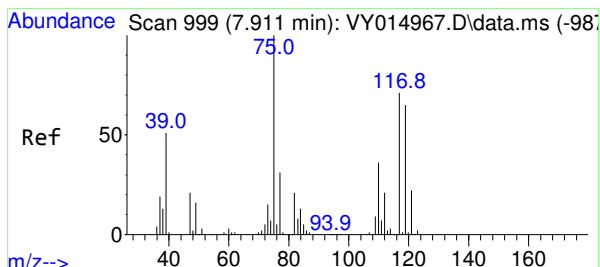
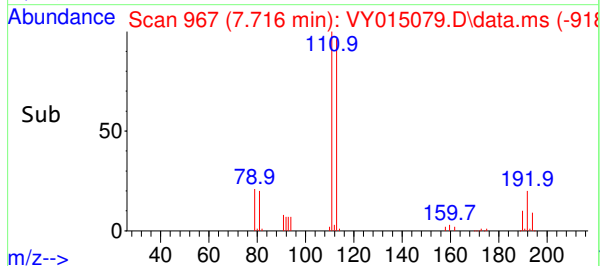
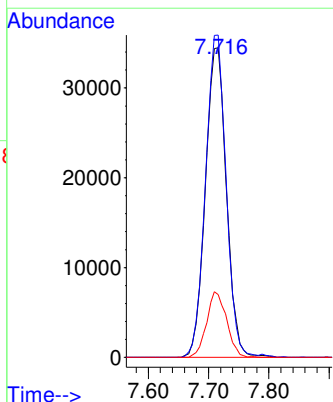
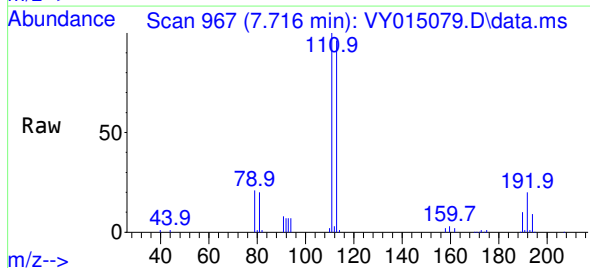




#35
Dibromofluoromethane
Concen: 49.21 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015079.D
Acq: 14 Aug 2023 15:12

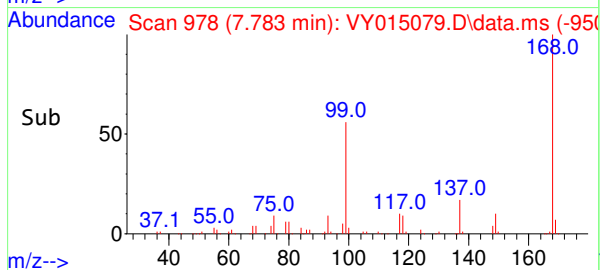
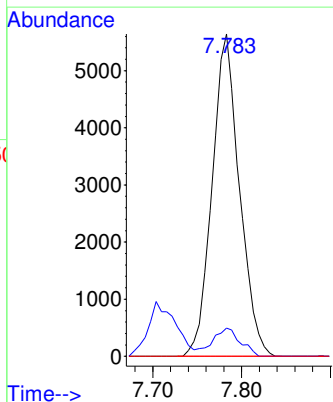
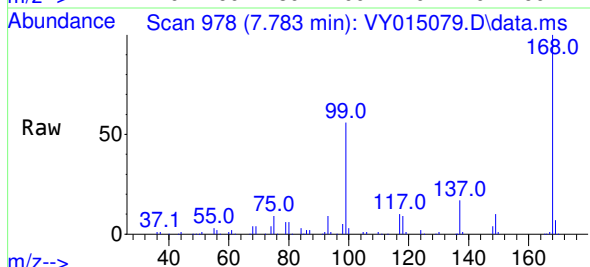
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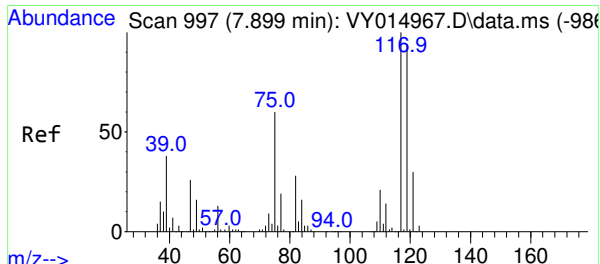
Tgt Ion:	113	Resp:	83616
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.3	121.9
192	20.2	16.9	25.3



#36
1,1-Dichloropropene
Concen: 6.43 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015079.D
Acq: 14 Aug 2023 15:12

Tgt Ion:	75	Resp:	12089
Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.8	53.5#
77	0.0	24.4	36.6#

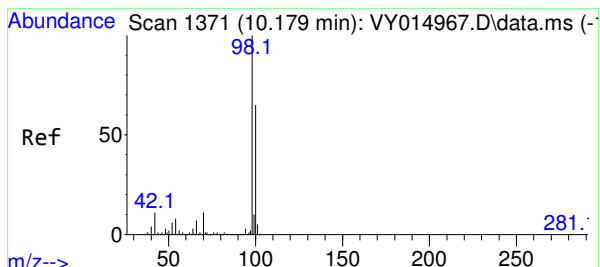
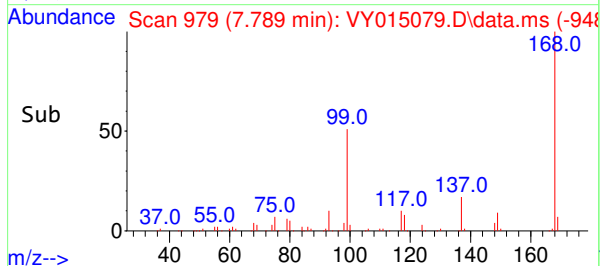
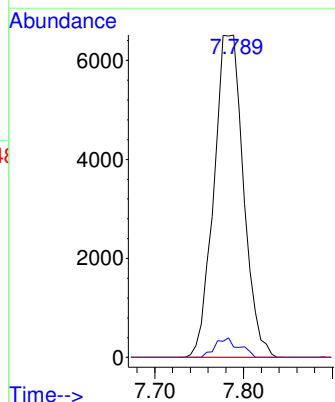
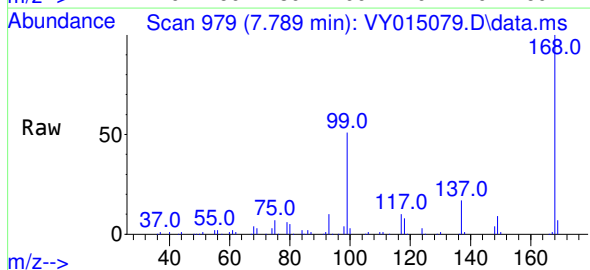




#38
Carbon Tetrachloride
Concen: 6.79 ug/l
RT: 7.789 min Scan# 997
Delta R.T. -0.110 min
Lab File: VY015079.D
Acq: 14 Aug 2023 15:12

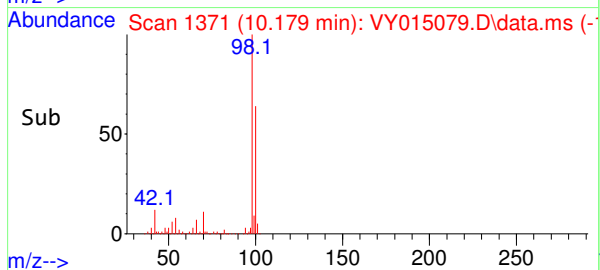
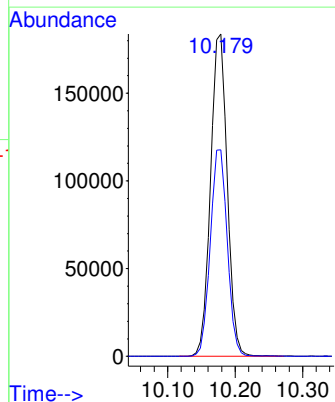
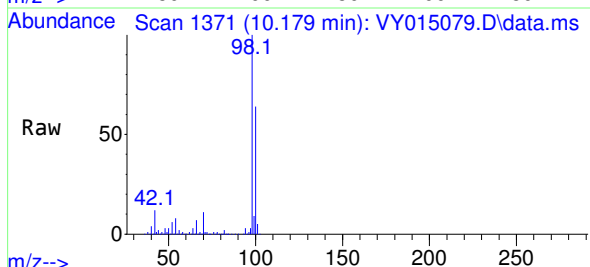
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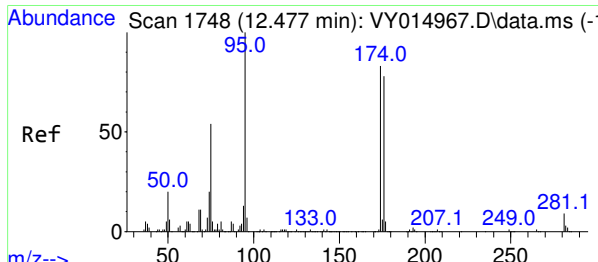
Tgt Ion:117 Resp: 15103
Ion Ratio Lower Upper
117 100
119 3.2 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.73 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015079.D
Acq: 14 Aug 2023 15:12

Tgt Ion: 98 Resp: 314556
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

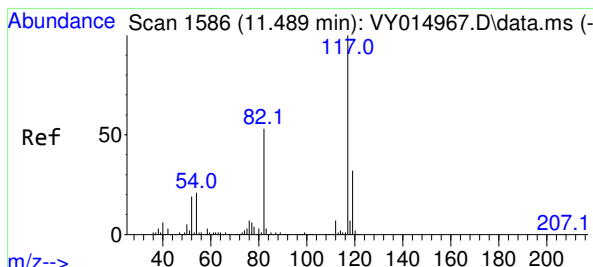
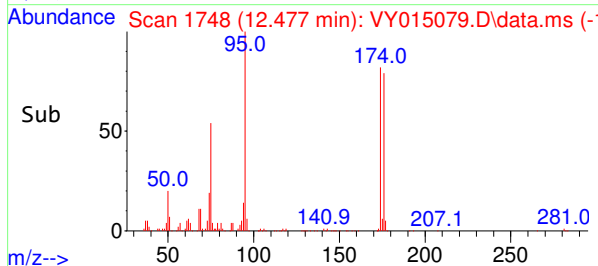
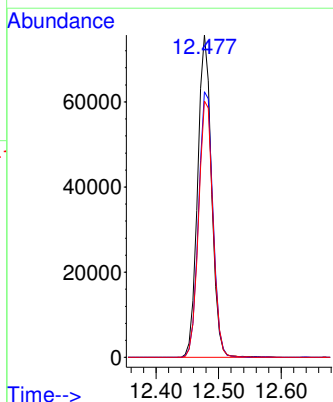
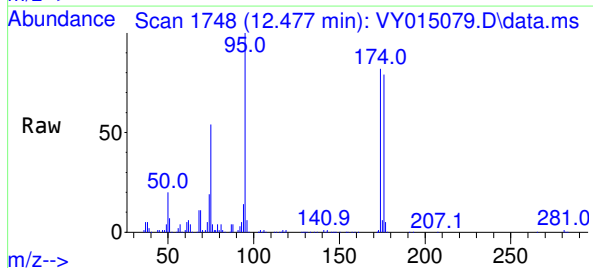




#62
4-Bromofluorobenzene
Concen: 50.80 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY015079.D
Acq: 14 Aug 2023 15:12

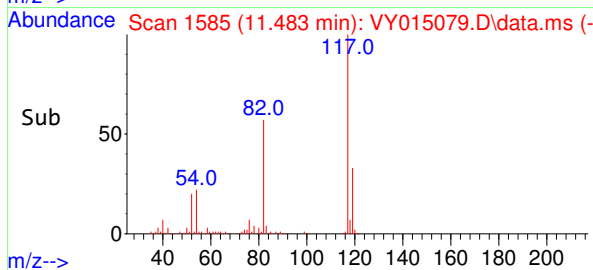
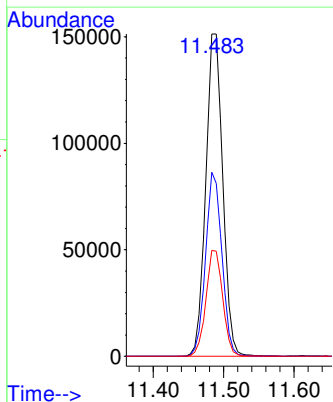
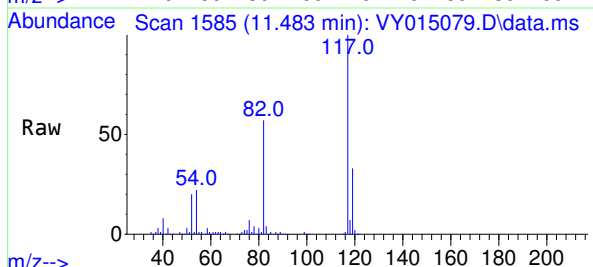
Instrument :
MSVOA_Y
ClientSampleId :
B-PP02A

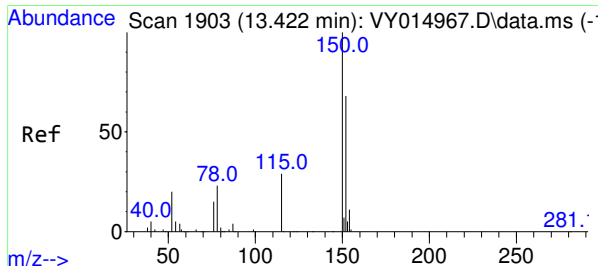
Tgt Ion:	95	Resp:	117367
Ion	Ratio	Lower	Upper
95	100		
174	85.4	0.0	178.2
176	82.4	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY015079.D
Acq: 14 Aug 2023 15:12

Tgt Ion:	117	Resp:	254184
Ion	Ratio	Lower	Upper
117	100		
82	57.0	43.4	65.0
119	32.8	26.3	39.5

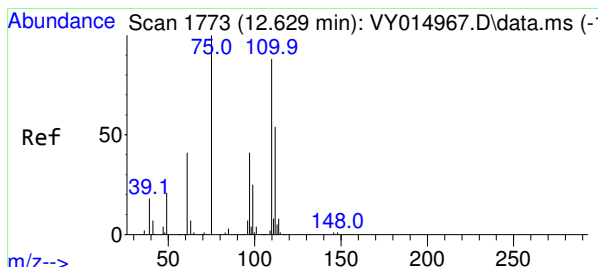
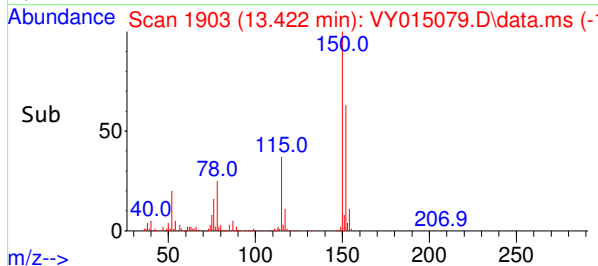
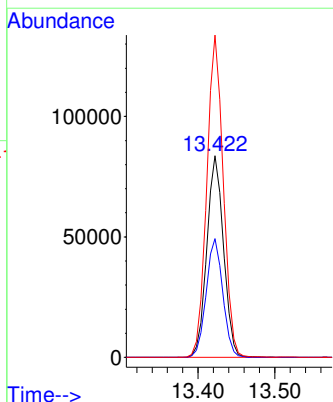
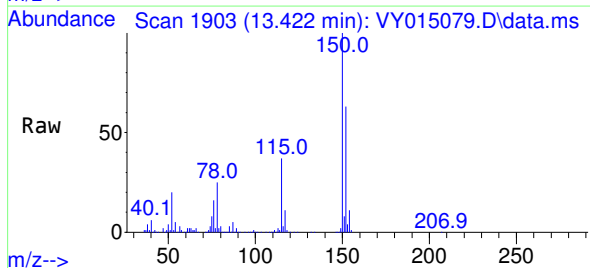




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY015079.D
Acq: 14 Aug 2023 15:12

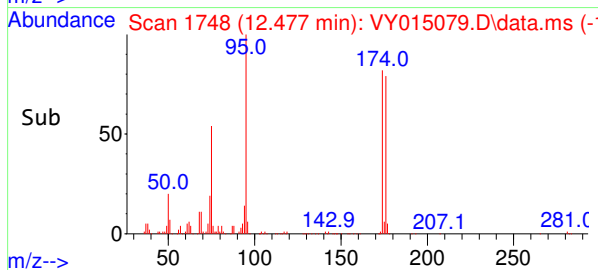
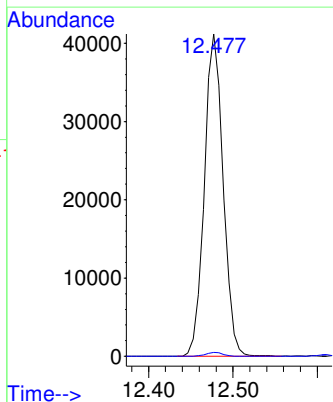
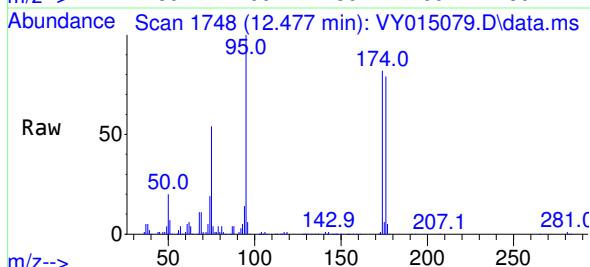
Instrument :
MSVOA_Y
ClientSampleId :
B-PP02A

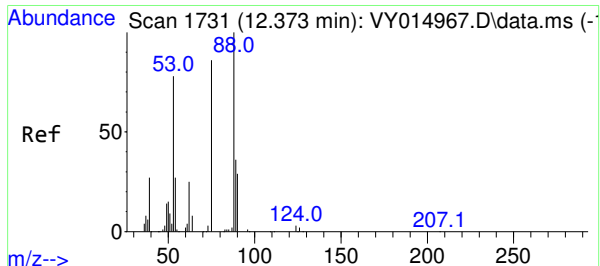
Tgt Ion:152 Resp: 126960
Ion Ratio Lower Upper
152 100
115 58.5 28.8 86.5
150 157.6 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 41.44 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY015079.D
Acq: 14 Aug 2023 15:12

Tgt Ion: 75 Resp: 63920
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 91.02 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.104 min
Lab File: VY015079.D
Acq: 14 Aug 2023 15:12

Instrument :
MSVOA_Y
ClientSampleId :
B-PP02A

Tgt Ion: 75 Resp: 63920
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

