

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013166.D
 Acq On : 03 Apr 2023 11:23
 Operator : KP/MD
 Sample : VY0403SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBL01

Quant Time: Apr 03 23:05:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

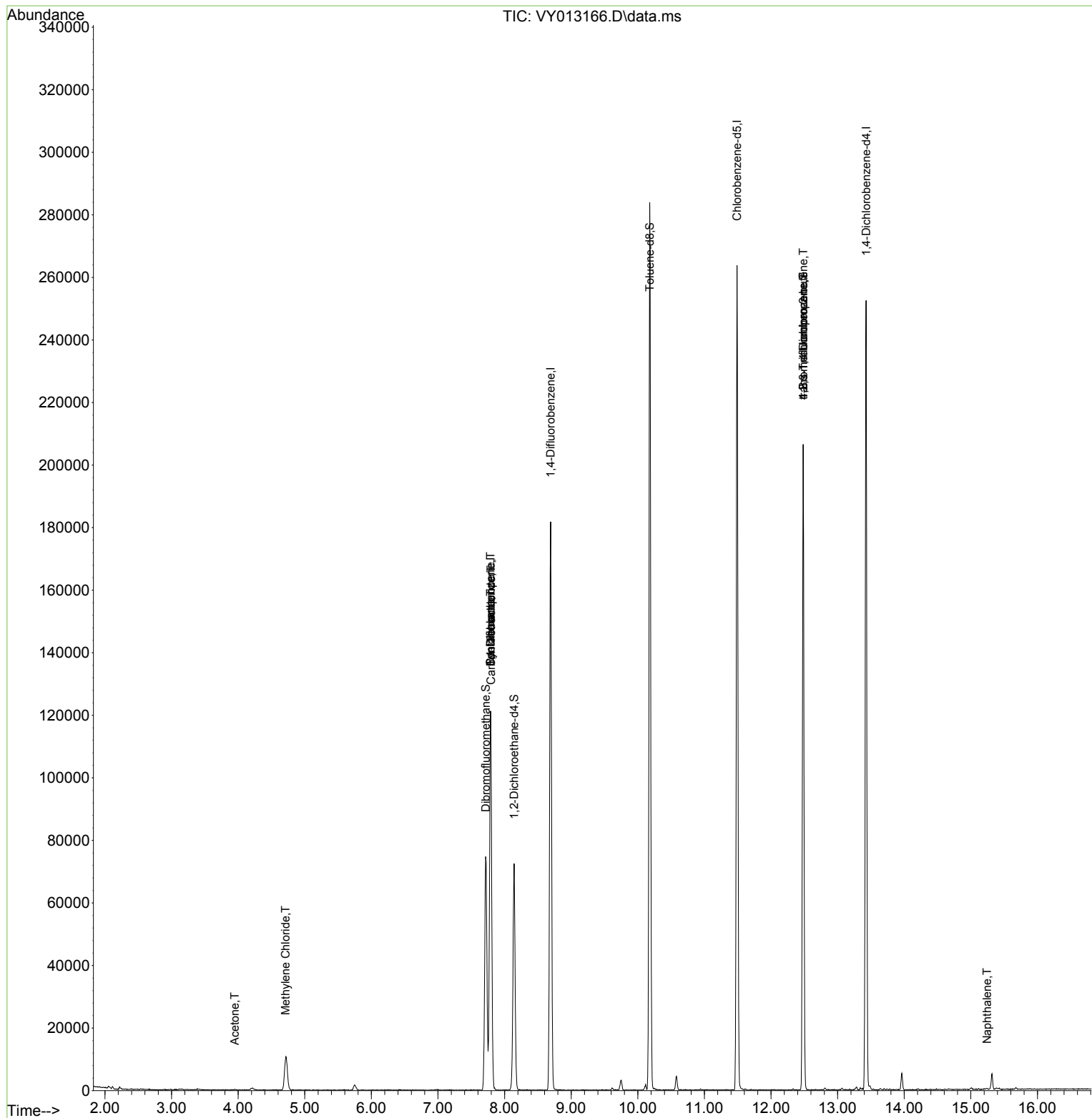
Internal Standards						
1) Pentafluorobenzene	7.789	168	97647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	155074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	144178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	55517	52.904	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.800%	
35) Dibromofluoromethane	7.716	113	51613	50.948	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.900%	
50) Toluene-d8	10.179	98	186202	48.688	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.380%	
62) 4-Bromofluorobenzene	12.483	95	57828	46.454	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.900%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	322	1.003	ug/l #	44
20) Methylene Chloride	4.710	84	8321	2.399	ug/l	88
31) Cyclohexane	7.789	56	1982	1.157	ug/l #	10
36) 1,1-Dichloropropene	7.789	75	6640	4.354	ug/l #	50
38) Carbon Tetrachloride	7.795	117	9053	5.380	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	29639	39.066	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	29639	87.123	ug/l #	13
95) Naphthalene	15.245	128	583	3.448	ug/l #	69

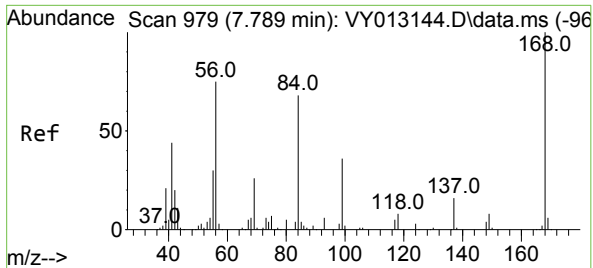
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :
VY0403SBL01

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Quant Title : SW846 8260
QLast Update : Mon Apr 03 13:40:57 2023
Response via : Initial Calibration

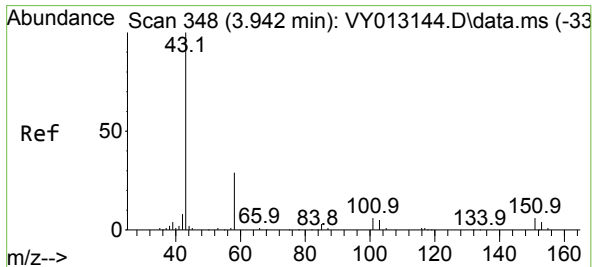
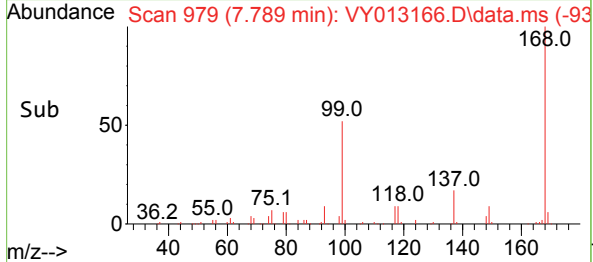
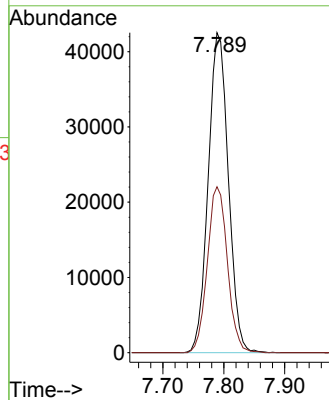
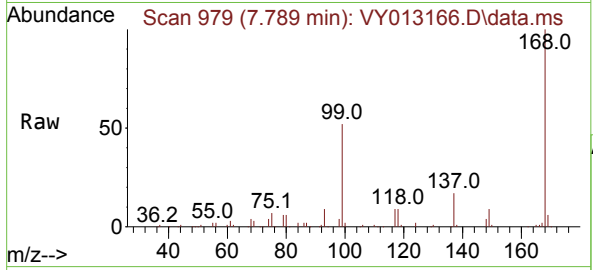




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013166.D
Acq: 03 Apr 2023 11:23

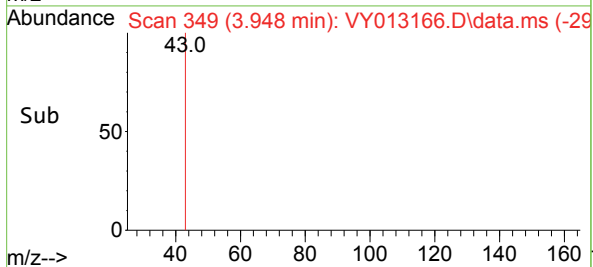
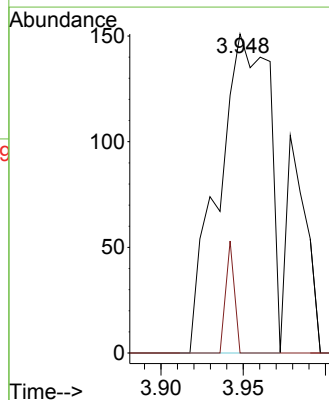
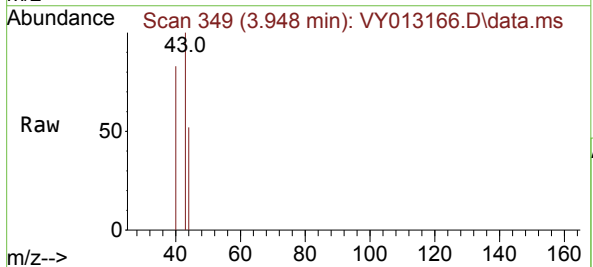
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBL01

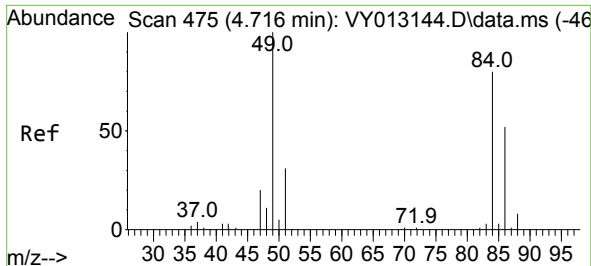
Tgt Ion:168 Resp: 97647
Ion Ratio Lower Upper
168 100
99 51.9 41.7 62.5



#16
Acetone
Concen: 1.003 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY013166.D
Acq: 03 Apr 2023 11:23

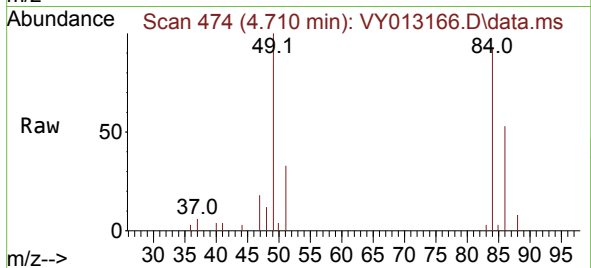
Tgt Ion: 43 Resp: 322
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



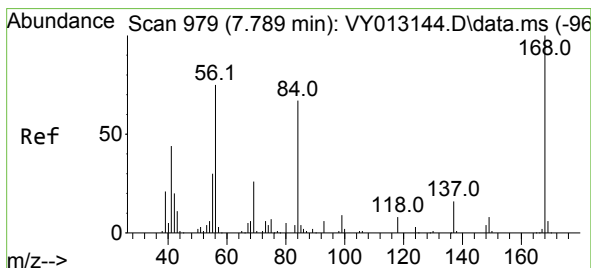
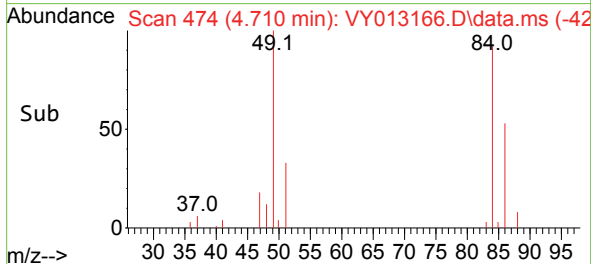
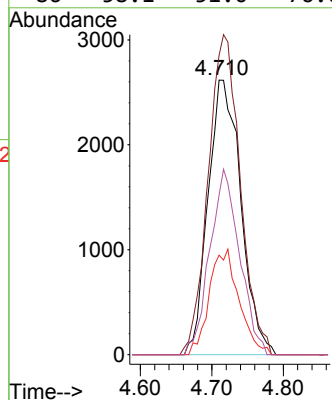


#20
Methylene Chloride
Concen: 2.399 ug/l
RT: 4.710 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY013166.D
Acq: 03 Apr 2023 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBL01

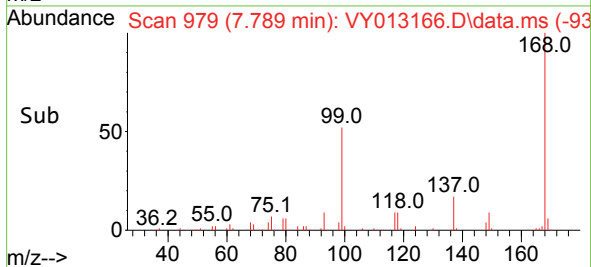
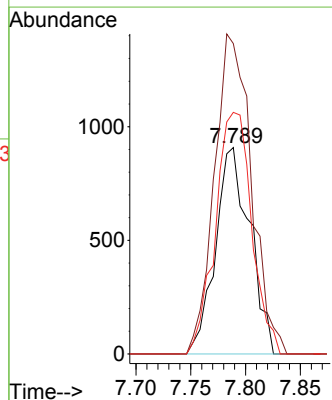
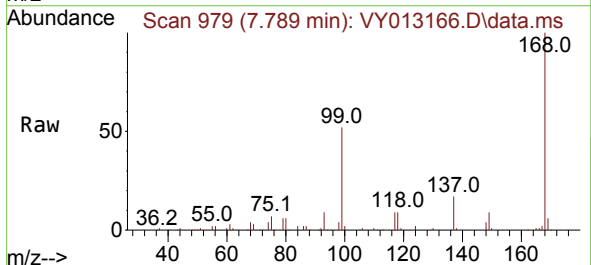


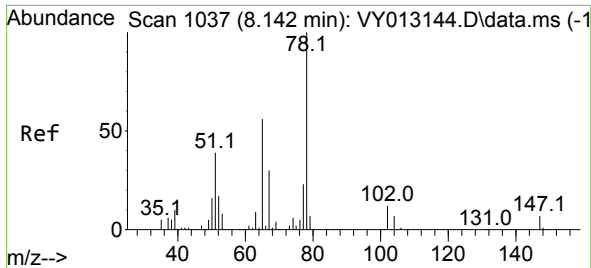
Tgt Ion: 84	Resp:	8321	
Ion	Ratio	Lower	Upper
84	100		
49	109.1	102.6	154.0
51	36.2	31.9	47.9
86	58.1	51.0	76.6



#31
Cyclohexane
Concen: 1.157 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY013166.D
Acq: 03 Apr 2023 11:23

Tgt Ion: 56	Resp:	1982	
Ion	Ratio	Lower	Upper
56	100		
69	150.4	25.7	38.5#
84	117.1	64.3	96.5#

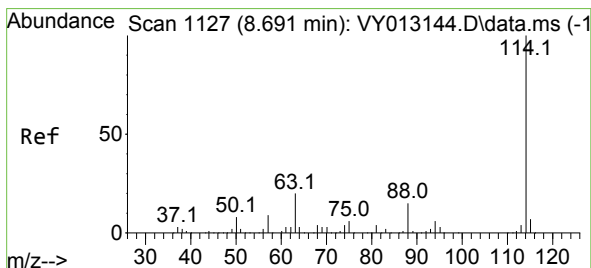
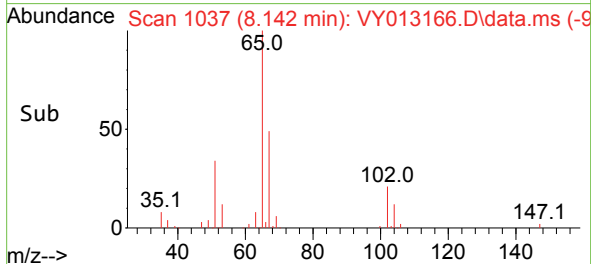
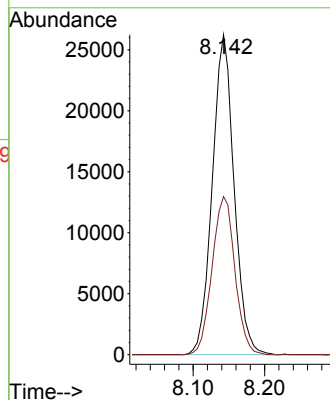
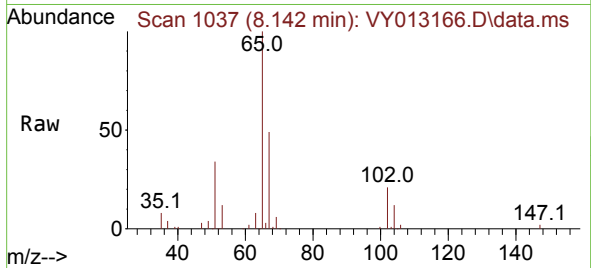




#33
 1,2-Dichloroethane-d4
 Concen: 52.904 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY013166.D
 Acq: 03 Apr 2023 11:23

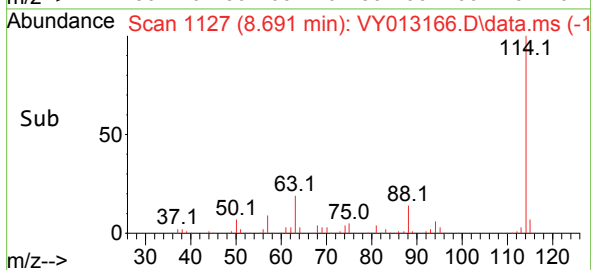
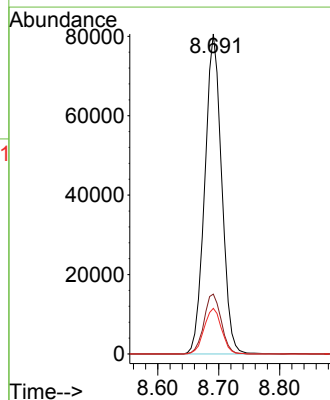
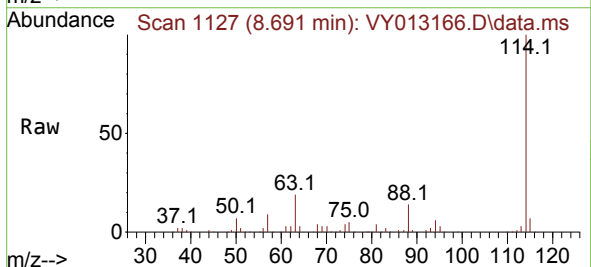
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBL01

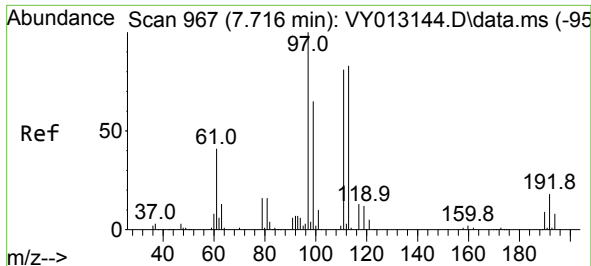
Tgt Ion: 65 Resp: 55517
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY013166.D
 Acq: 03 Apr 2023 11:23

Tgt Ion: 114 Resp: 155074
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.4
 88 14.3 0.0 28.6

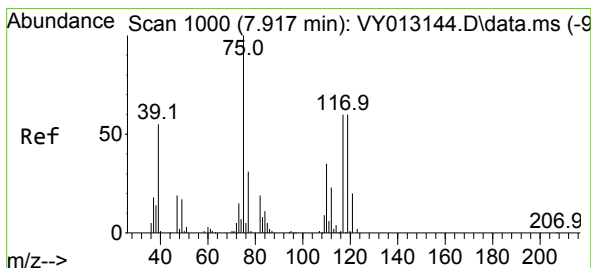
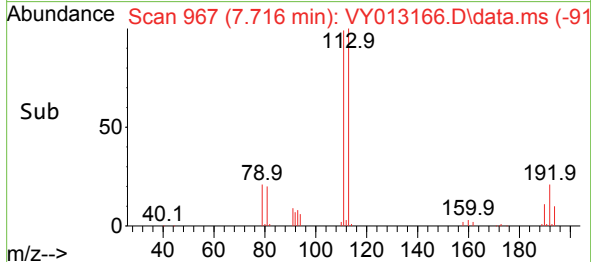
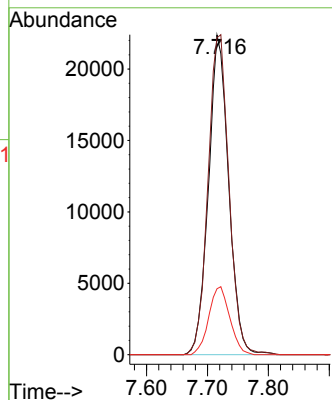
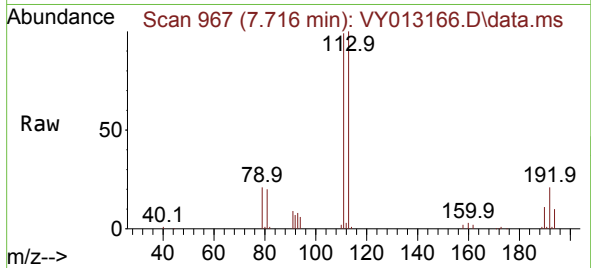




#35
Dibromofluoromethane
Concen: 50.948 ug/l
RT: 7.716 min Scan# 913
Delta R.T. -0.000 min
Lab File: VY013166.D
Acq: 03 Apr 2023 11:23

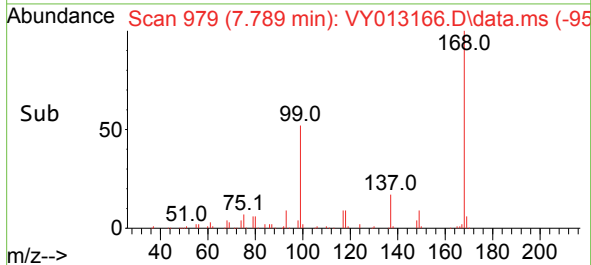
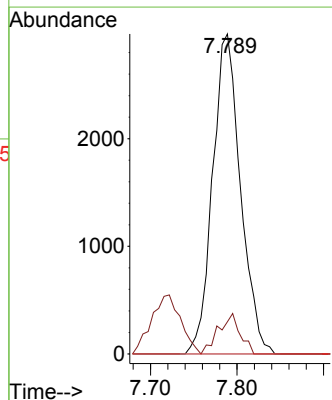
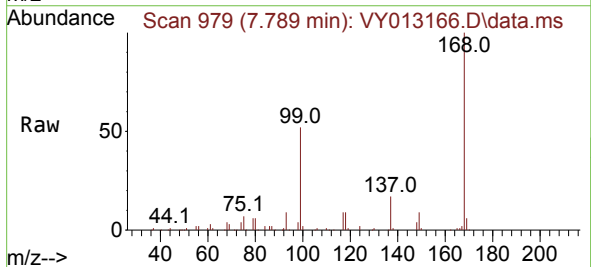
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBL01

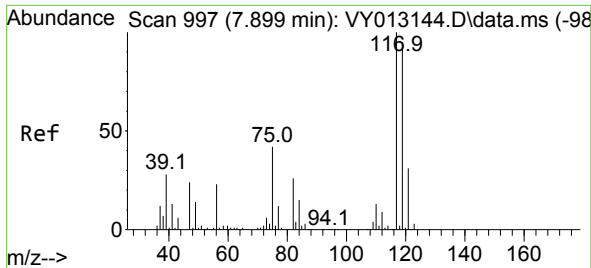
Tgt Ion:113 Resp: 51613
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 22.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.354 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013166.D
Acq: 03 Apr 2023 11:23

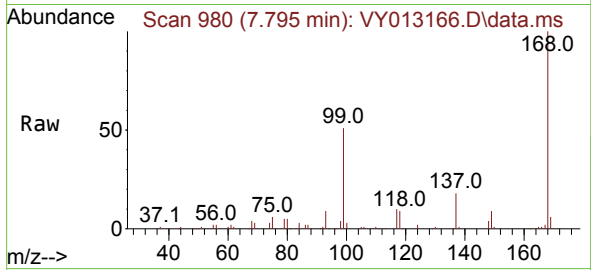
Tgt Ion: 75 Resp: 6640
Ion Ratio Lower Upper
75 100
110 9.8 17.8 53.3#
77 0.0 25.0 37.4#



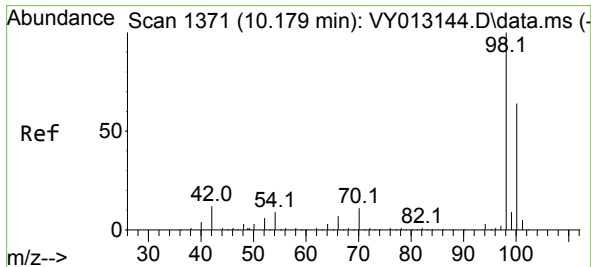
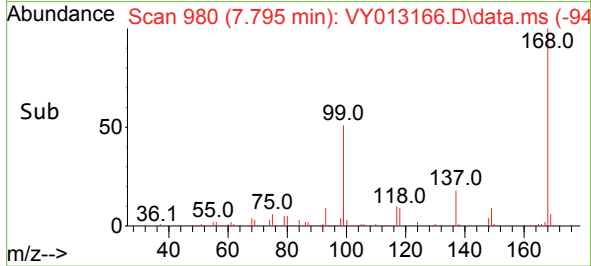
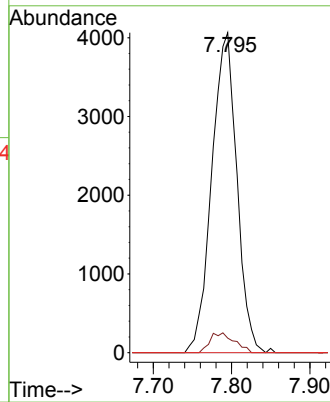


#38
Carbon Tetrachloride
Concen: 5.380 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY013166.D
Acq: 03 Apr 2023 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBL01

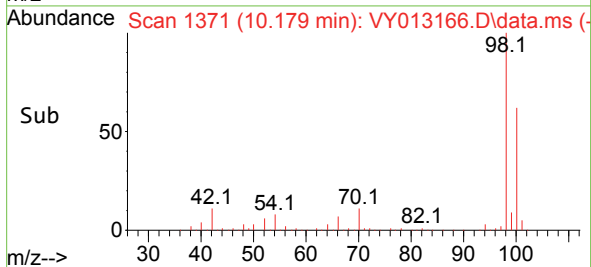
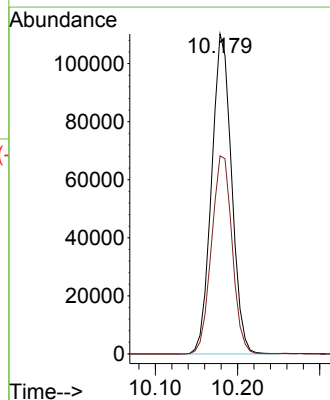
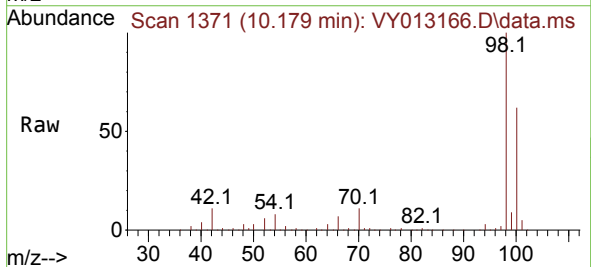


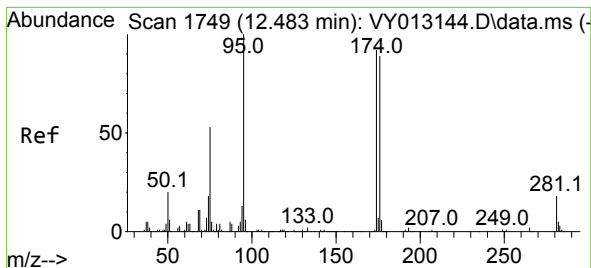
Tgt Ion:117 Resp: 9053
Ion Ratio Lower Upper
117 100
119 4.5 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.688 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013166.D
Acq: 03 Apr 2023 11:23

Tgt Ion: 98 Resp: 186202
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3

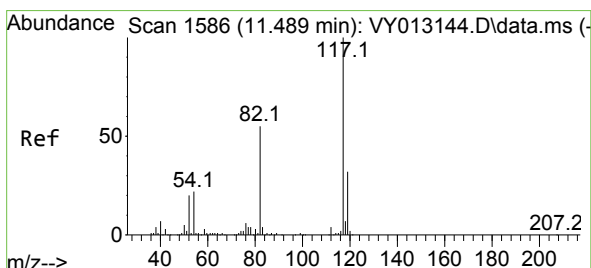
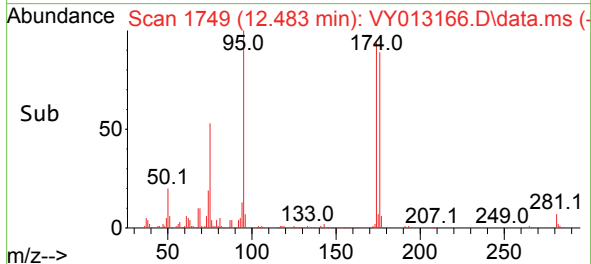
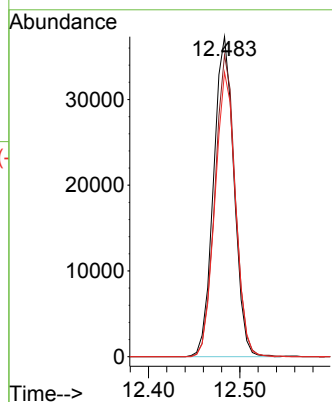
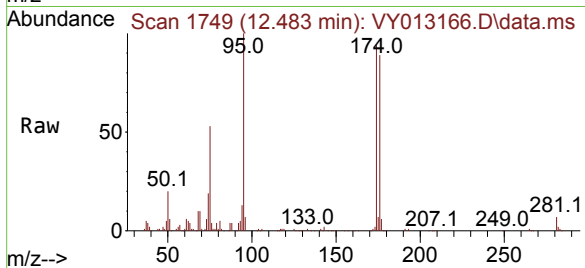




#62
4-Bromofluorobenzene
Concen: 46.454 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013166.D
Acq: 03 Apr 2023 11:23

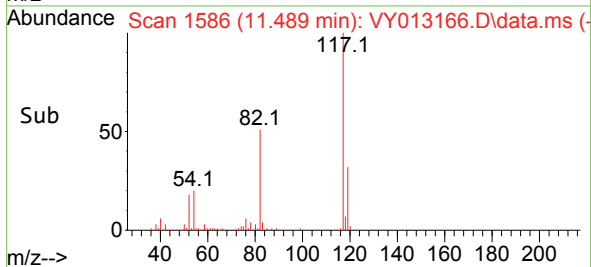
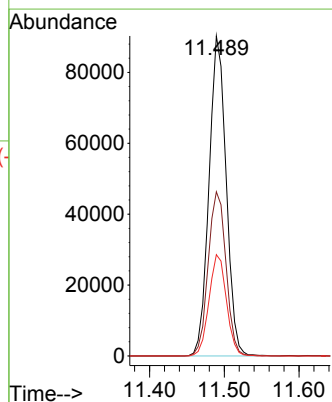
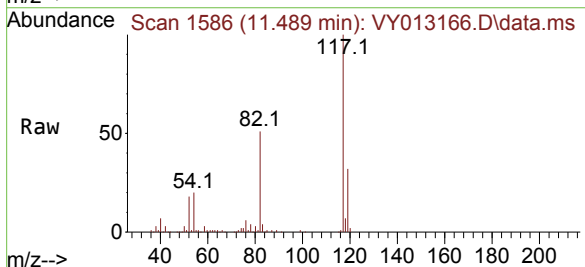
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VY0403SBL01

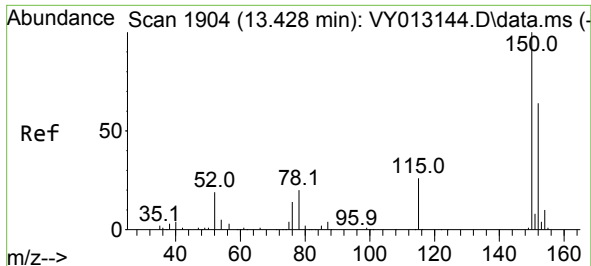
Tgt Ion: 95 Resp: 57828
Ion Ratio Lower Upper
95 100
174 94.3 0.0 176.6
176 89.7 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013166.D
Acq: 03 Apr 2023 11:23

Tgt Ion: 117 Resp: 144178
Ion Ratio Lower Upper
117 100
82 51.3 45.4 68.0
119 31.7 25.6 38.4

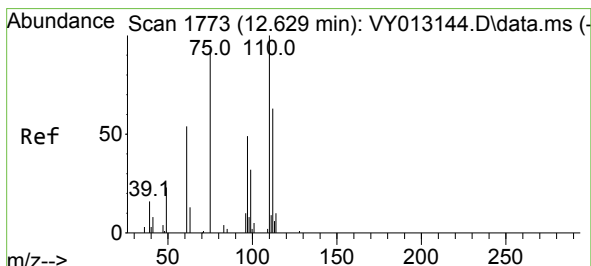
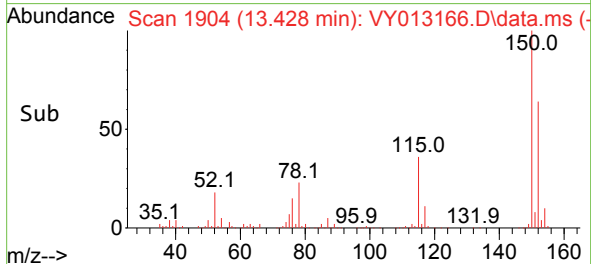
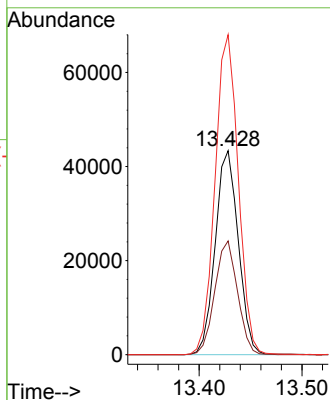
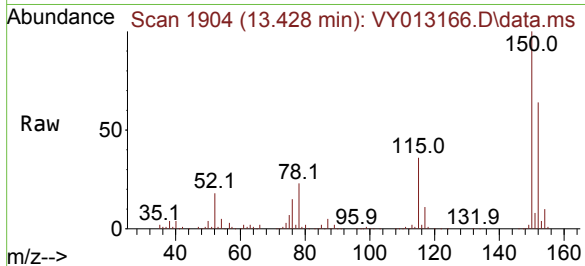




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY013166.D
 Acq: 03 Apr 2023 11:23

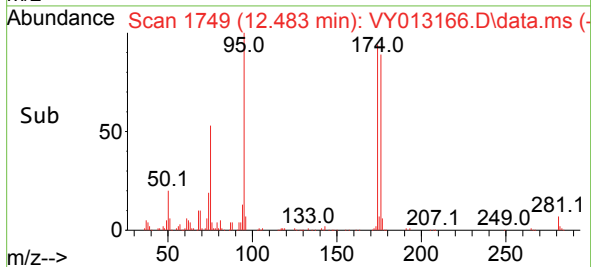
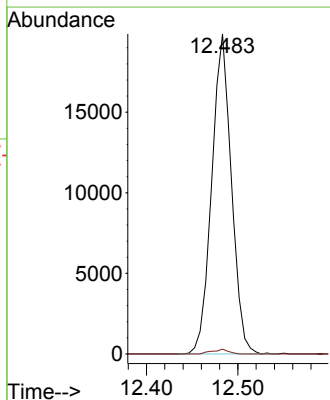
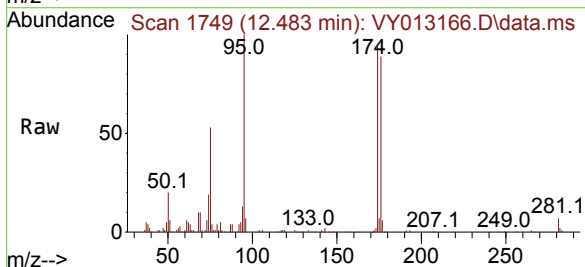
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBL01

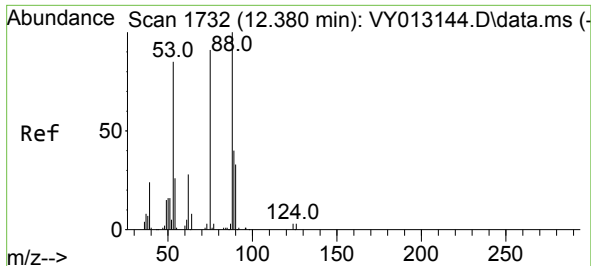
Tgt Ion:152 Resp: 67535
 Ion Ratio Lower Upper
 152 100
 115 55.2 27.1 81.3
 150 158.0 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 39.066 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY013166.D
 Acq: 03 Apr 2023 11:23

Tgt Ion: 75 Resp: 29639
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

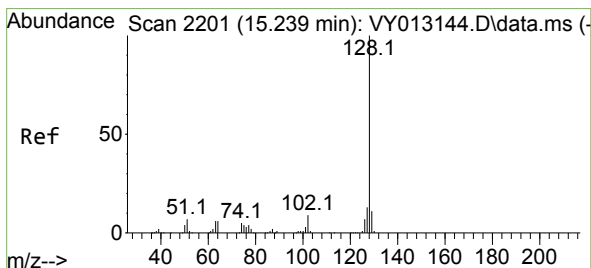
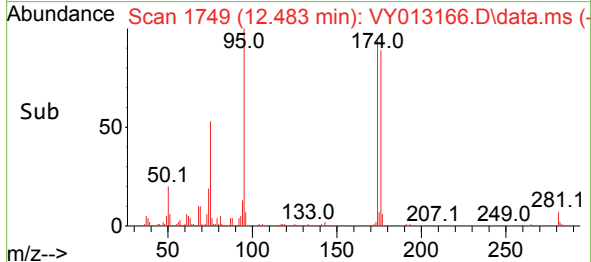
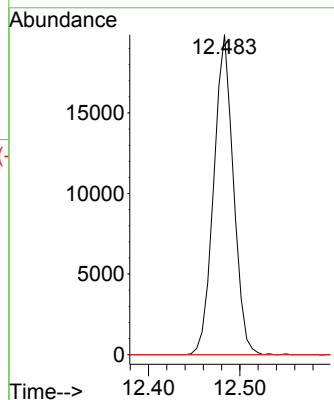
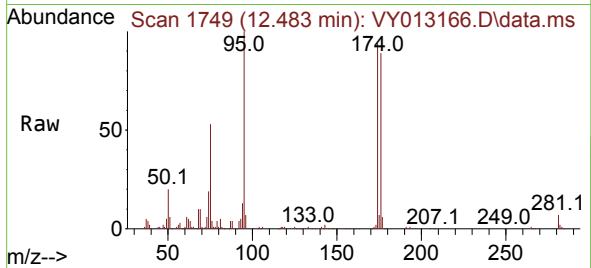




#81
trans-1,4-Dichloro-2-butene
Concen: 87.123 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY013166.D
Acq: 03 Apr 2023 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBL01

Tgt Ion: 75 Resp: 29639
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#



#95
Naphthalene
Concen: 3.448 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY013166.D
Acq: 03 Apr 2023 11:23

Tgt Ion: 128 Resp: 583
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

