

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
 Data File : VY013373.D
 Acq On : 20 Apr 2023 17:10
 Operator : KP/MD
 Sample : 02371-17
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-16-9.0-9.5

Quant Time: Apr 21 02:15:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

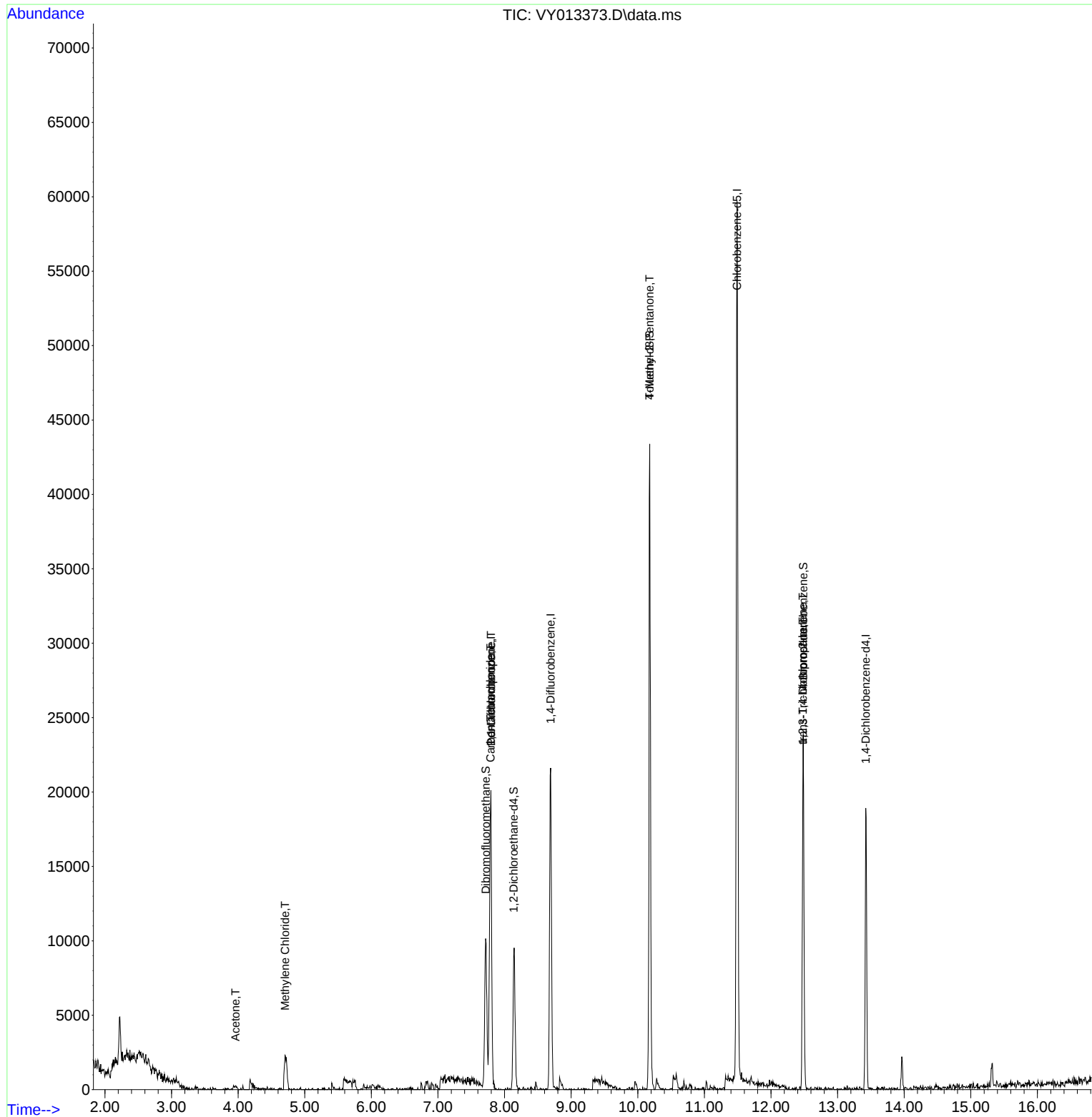
Internal Standards						
1) Pentafluorobenzene	7.795	168	16130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	18284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	33773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	5267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	8806	45.428	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 90.860%			
35) Dibromofluoromethane	7.716	113	6024	50.892	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.780%			
50) Toluene-d8	10.179	98	26173	59.404	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 118.800%			
62) 4-Bromofluorobenzene	12.483	95	5602	39.133	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 78.260%			
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	458	6.872	ug/l #	44
20) Methylene Chloride	4.704	84	1237	3.012	ug/l #	71
36) 1,1-Dichloropropene	7.795	75	1059	5.906	ug/l #	45
38) Carbon Tetrachloride	7.789	117	1402	7.071	ug/l #	12
51) 4-Methyl-2-Pentanone	10.179	43	162	1.240	ug/l	96
76) 1,2,3-Trichloropropane	12.477	75	3353	51.089	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	3353	106.034	ug/l #	13

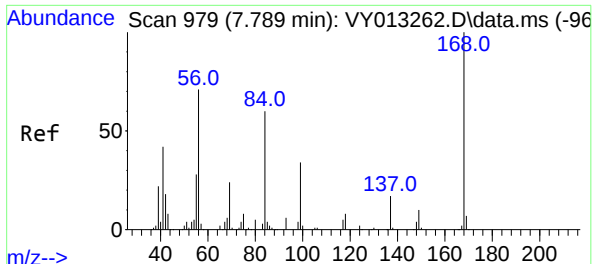
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration

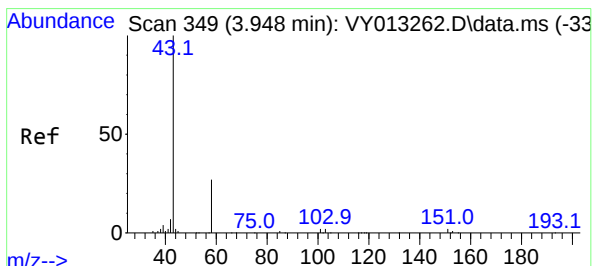
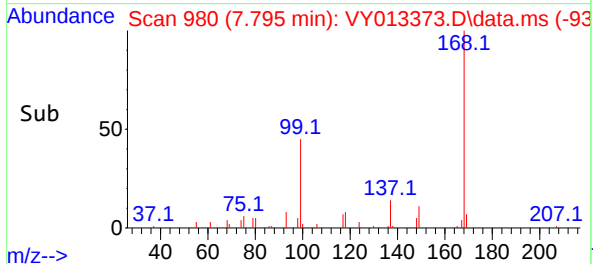
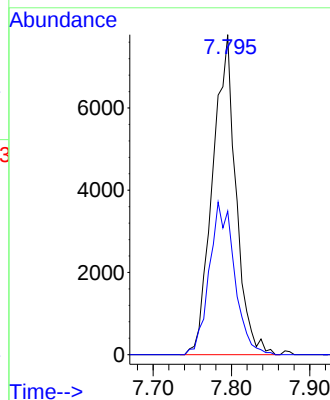
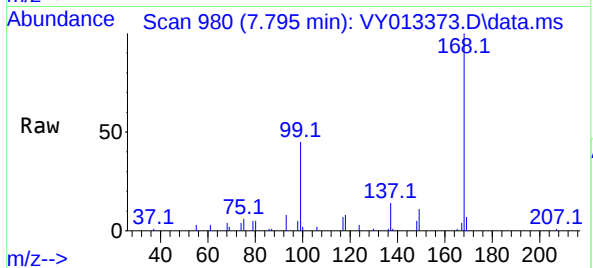




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013373.D
Acq: 20 Apr 2023 17:10

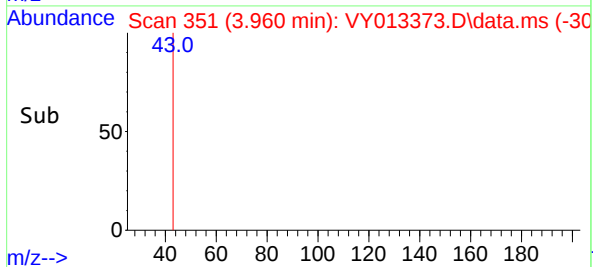
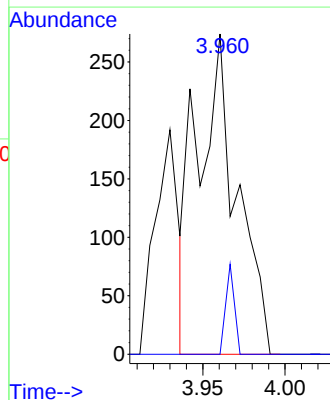
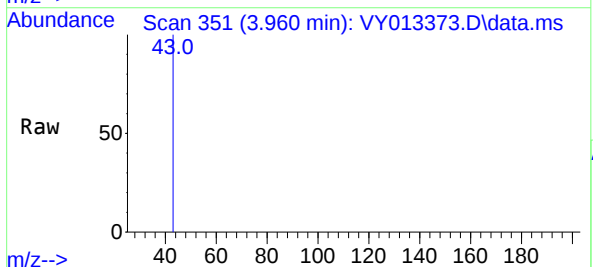
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-9.0-9.5

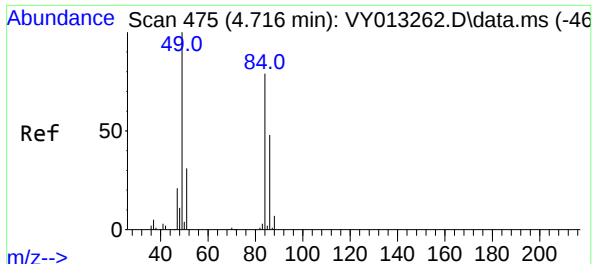
Tgt Ion:168 Resp: 16130
Ion Ratio Lower Upper
168 100
99 44.8 41.7 62.5



#16
Acetone
Concen: 6.872 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY013373.D
Acq: 20 Apr 2023 17:10

Tgt Ion: 43 Resp: 458
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#

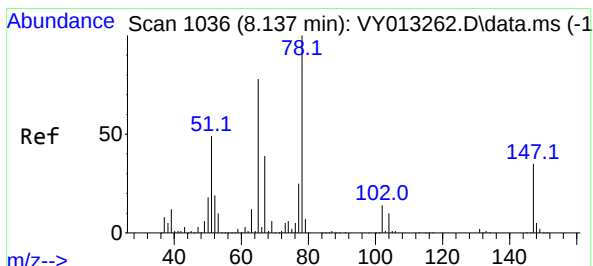
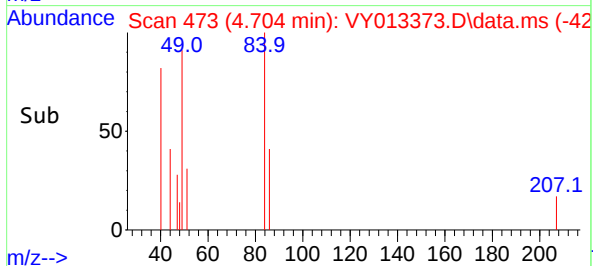
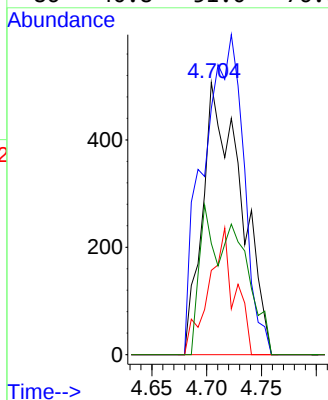
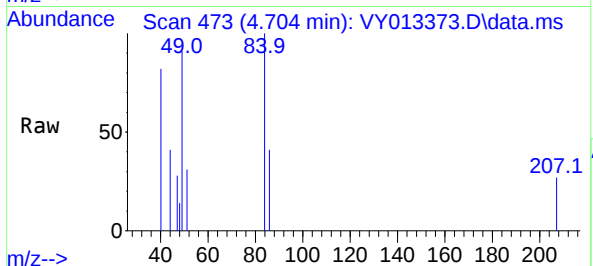




#20
Methylene Chloride
Concen: 3.012 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013373.D
Acq: 20 Apr 2023 17:10

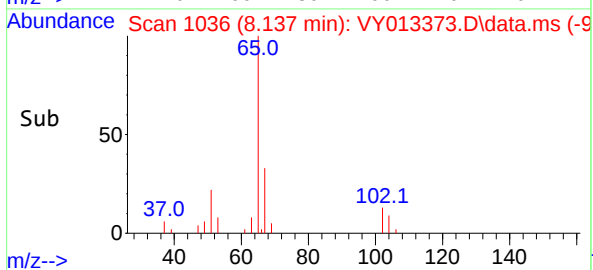
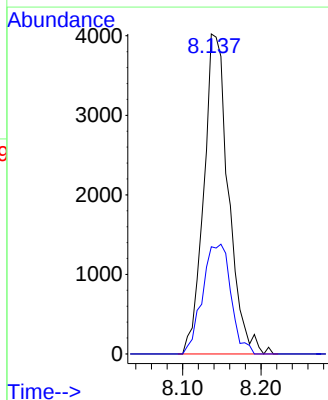
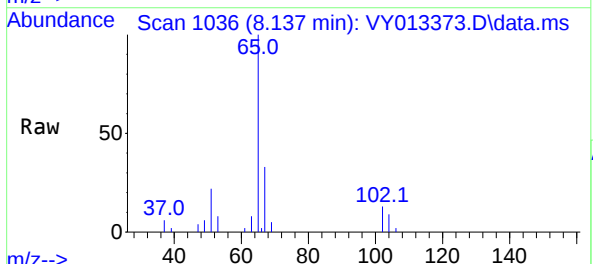
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-9.0-9.5

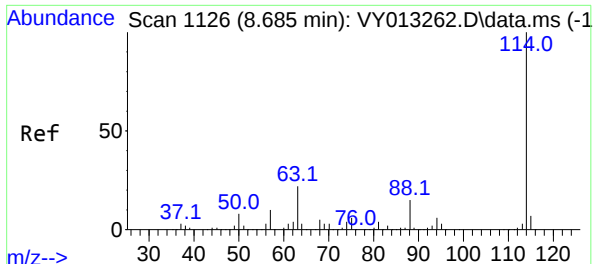
Tgt Ion: 84 Resp: 1237
Ion Ratio Lower Upper
84 100
49 90.5 102.6 154.0#
51 31.0 31.9 47.9#
86 40.8 51.0 76.6#



#33
1,2-Dichloroethane-d4
Concen: 45.428 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013373.D
Acq: 20 Apr 2023 17:10

Tgt Ion: 65 Resp: 8806
Ion Ratio Lower Upper
65 100
67 39.3 0.0 104.0

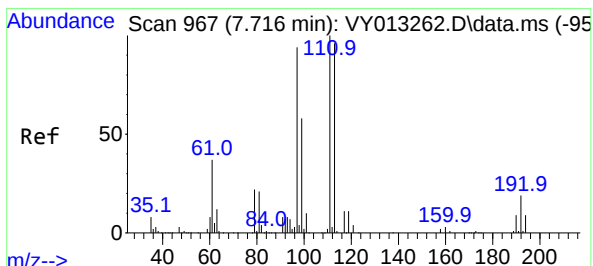
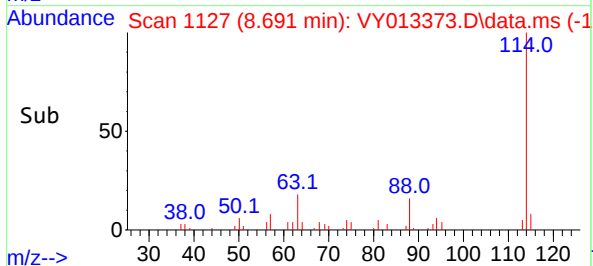
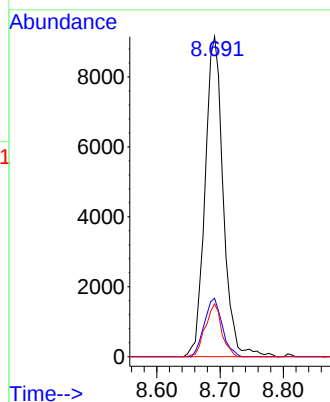
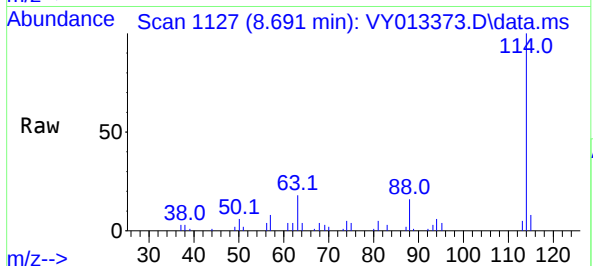




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY013373.D
Acq: 20 Apr 2023 17:10

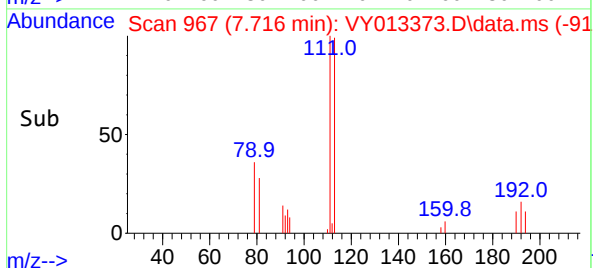
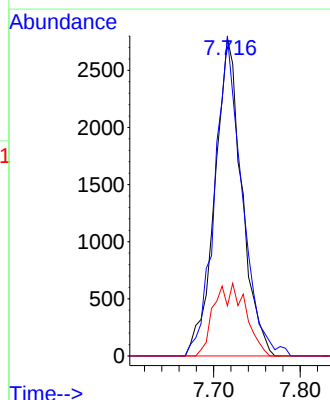
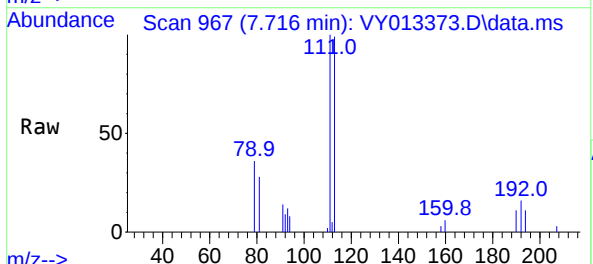
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-9.0-9.5

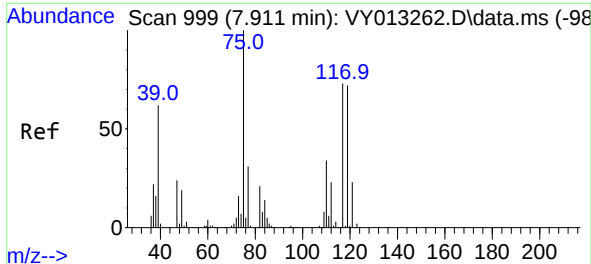
Tgt Ion:	114	Resp:	18284
Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	37.4
88	16.5	0.0	28.6



#35
Dibromofluoromethane
Concen: 50.892 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013373.D
Acq: 20 Apr 2023 17:10

Tgt Ion:	113	Resp:	6024
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.2
192	12.9	16.8	25.2

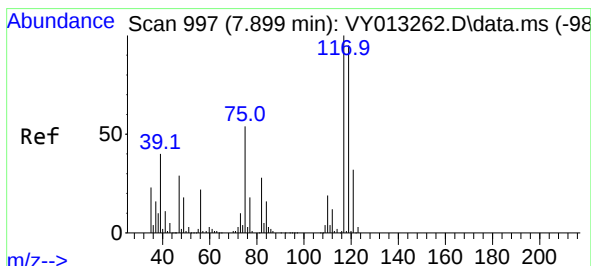
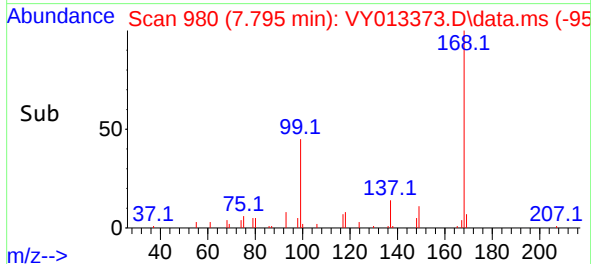
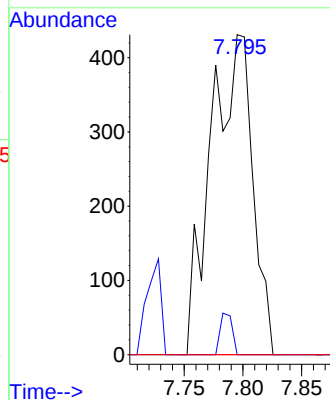
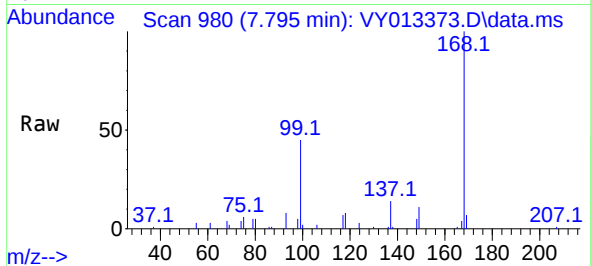




#36
1,1-Dichloropropene
Concen: 5.906 ug/l
RT: 7.795 min Scan# 911
Delta R.T. -0.116 min
Lab File: VY013373.D
Acq: 20 Apr 2023 17:10

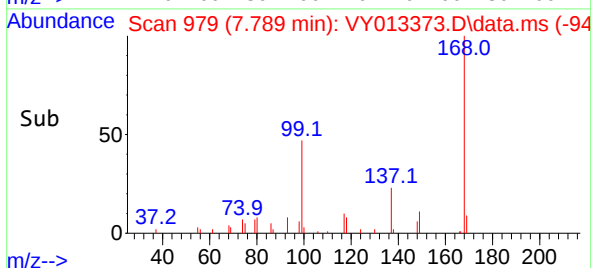
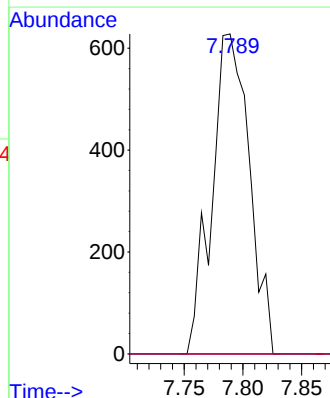
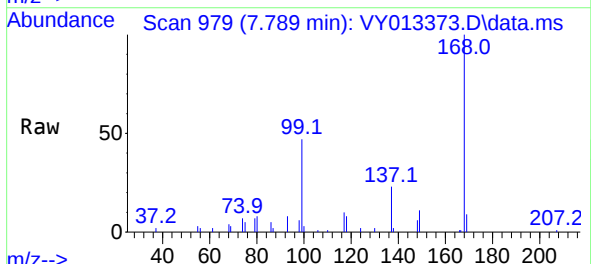
Instrument :
MSVOA_Y
ClientSampleId :
SB-16-9.0-9.5

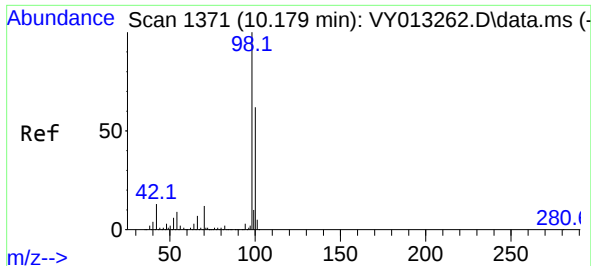
Tgt Ion:	75	Resp:	1059
Ion	Ratio	Lower	Upper
75	100		
110	3.8	17.8	53.3#
77	0.0	25.0	37.4#



#38
Carbon Tetrachloride
Concen: 7.071 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY013373.D
Acq: 20 Apr 2023 17:10

Tgt Ion:	117	Resp:	1402
Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.2	115.8#
121	0.0	24.7	37.1#

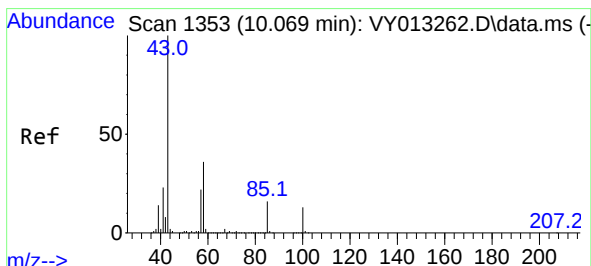
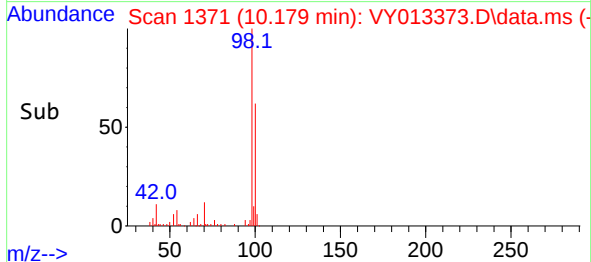
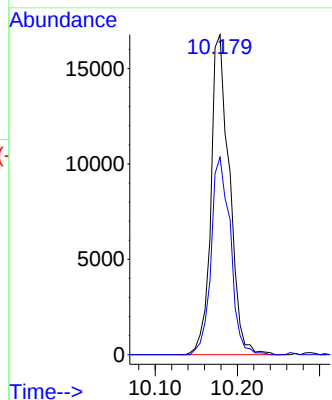
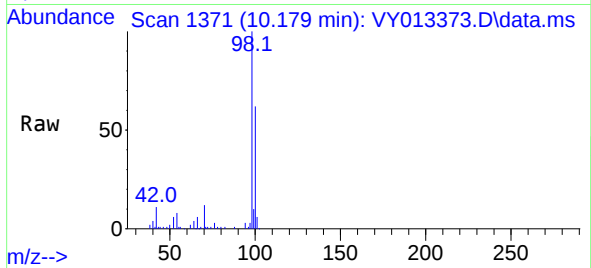




#50
Toluene-d8
Concen: 59.404 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013373.D
Acq: 20 Apr 2023 17:10

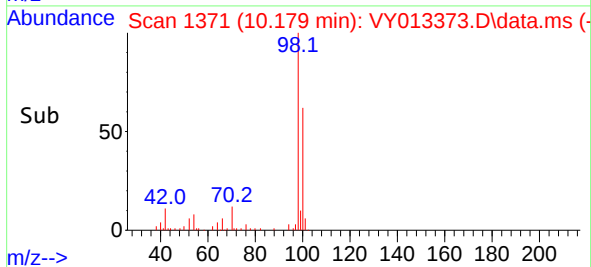
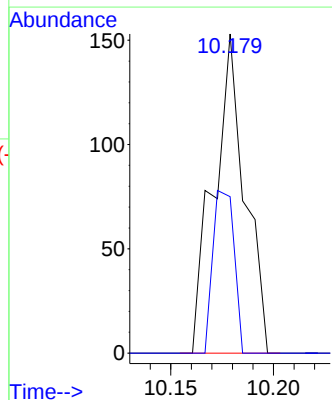
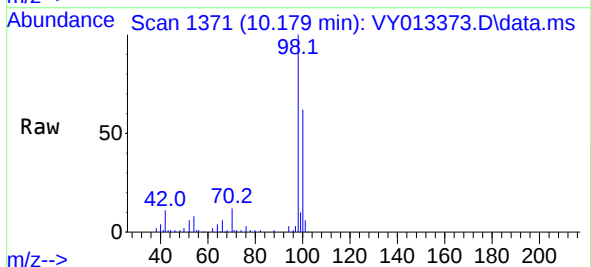
Instrument :
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ClientSampleId :
SB-16-9.0-9.5

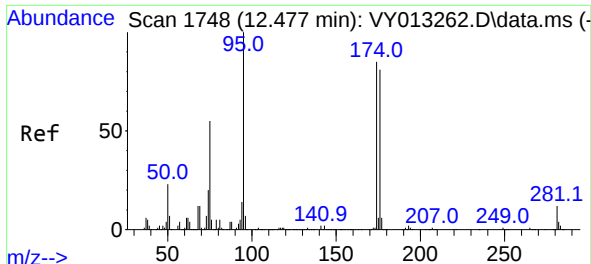
Tgt Ion: 98 Resp: 26173
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.240 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY013373.D
Acq: 20 Apr 2023 17:10

Tgt Ion: 43 Resp: 162
Ion Ratio Lower Upper
43 100
58 34.6 29.8 44.6

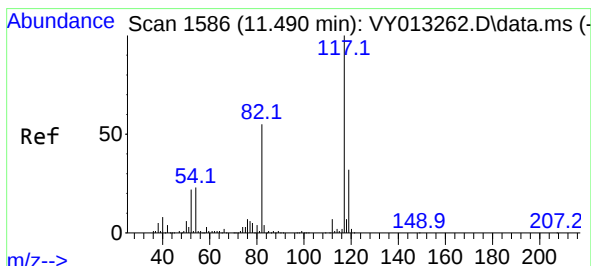
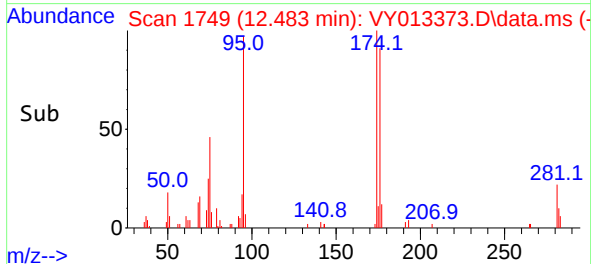
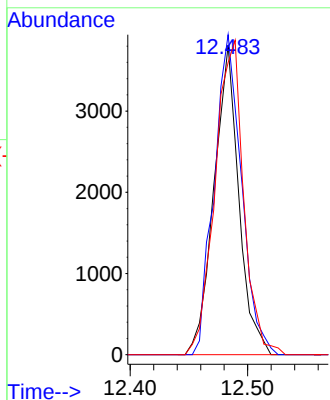
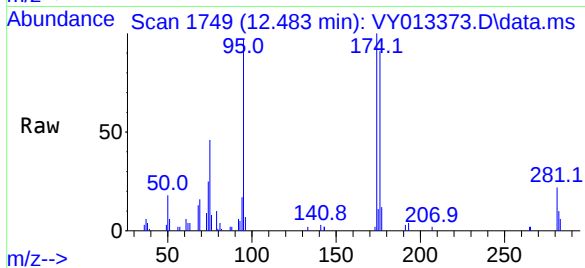




#62
4-Bromofluorobenzene
Concen: 39.133 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013373.D
Acq: 20 Apr 2023 17:10

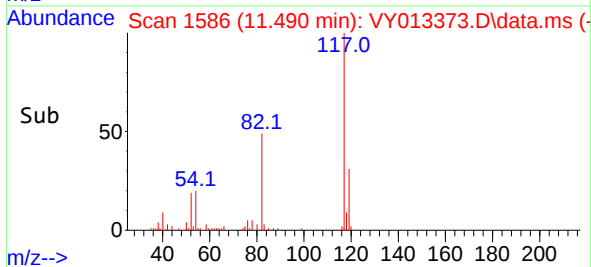
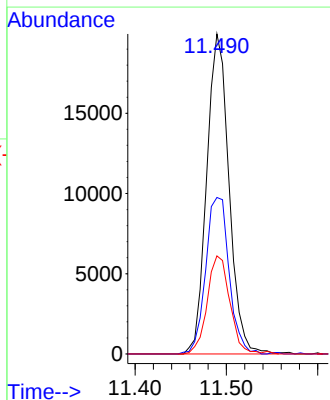
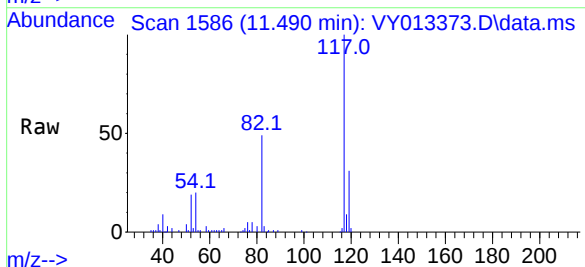
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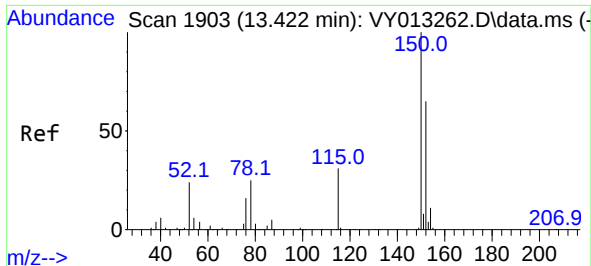
Tgt Ion: 95 Resp: 5602
Ion Ratio Lower Upper
95 100
174 113.8 0.0 176.6
176 116.8 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013373.D
Acq: 20 Apr 2023 17:10

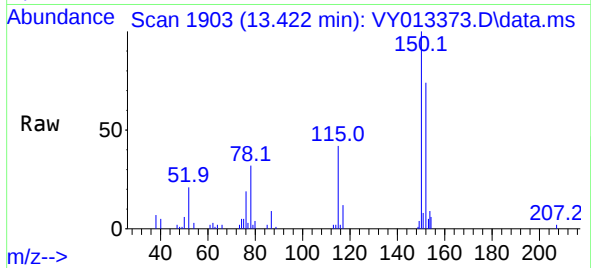
Tgt Ion: 117 Resp: 33773
Ion Ratio Lower Upper
117 100
82 48.9 45.4 68.0
119 30.7 25.6 38.4



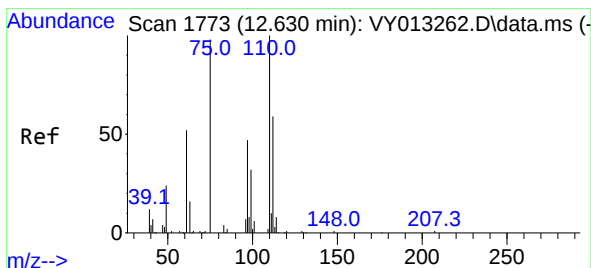
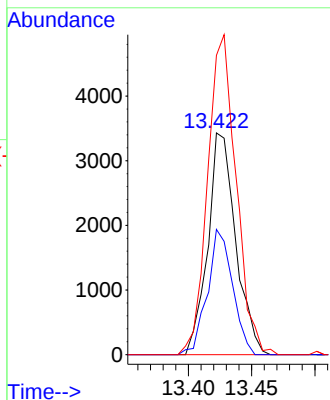
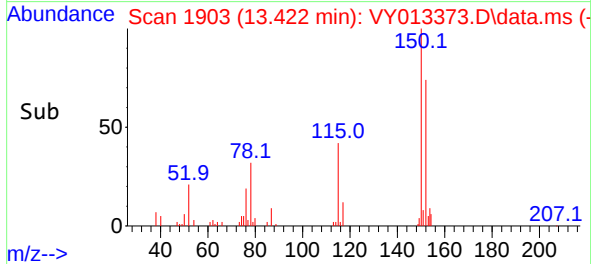


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013373.D
Acq: 20 Apr 2023 17:10

Instrument :
MSVOA_Y
ClientSampleId :
SB-16-9.0-9.5

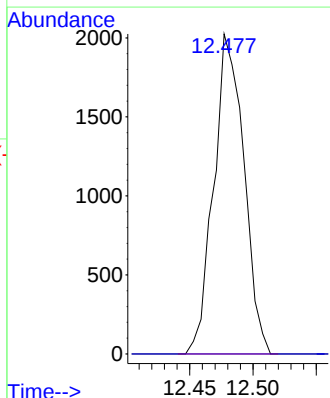
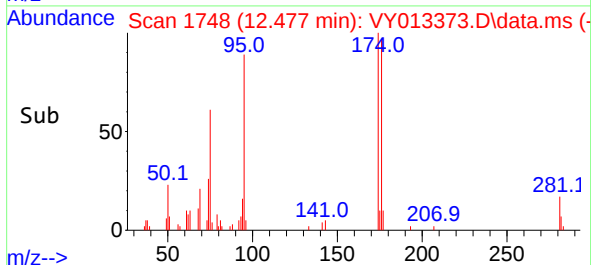
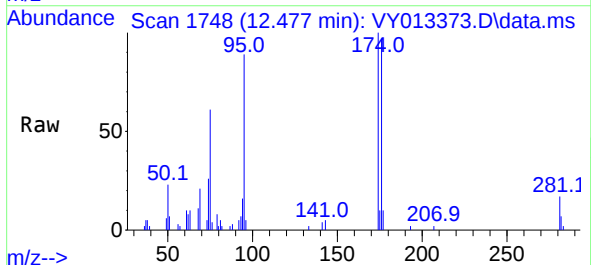


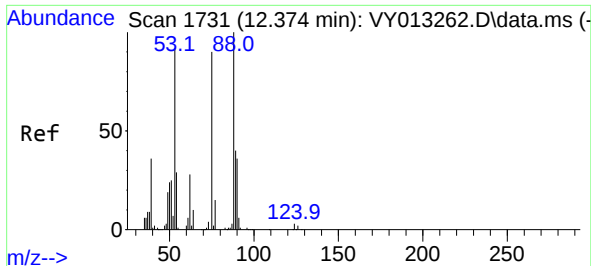
Tgt Ion:152 Resp: 5267
Ion Ratio Lower Upper
152 100
115 50.8 27.1 81.3
150 147.3 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 51.089 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY013373.D
Acq: 20 Apr 2023 17:10

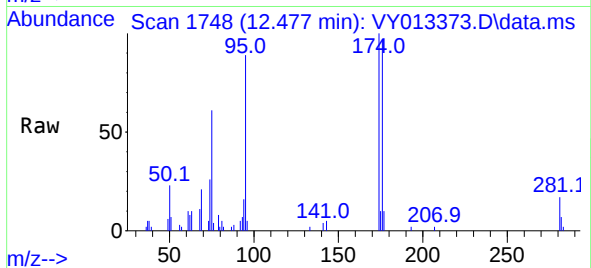
Tgt Ion: 75 Resp: 3353
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.034 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY013373.D
 Acq: 20 Apr 2023 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-16-9.0-9.5



Tgt Ion:	75	Resp:	3353
Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.4	110.0#
89	0.0	36.6	55.0#

