

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 :

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)

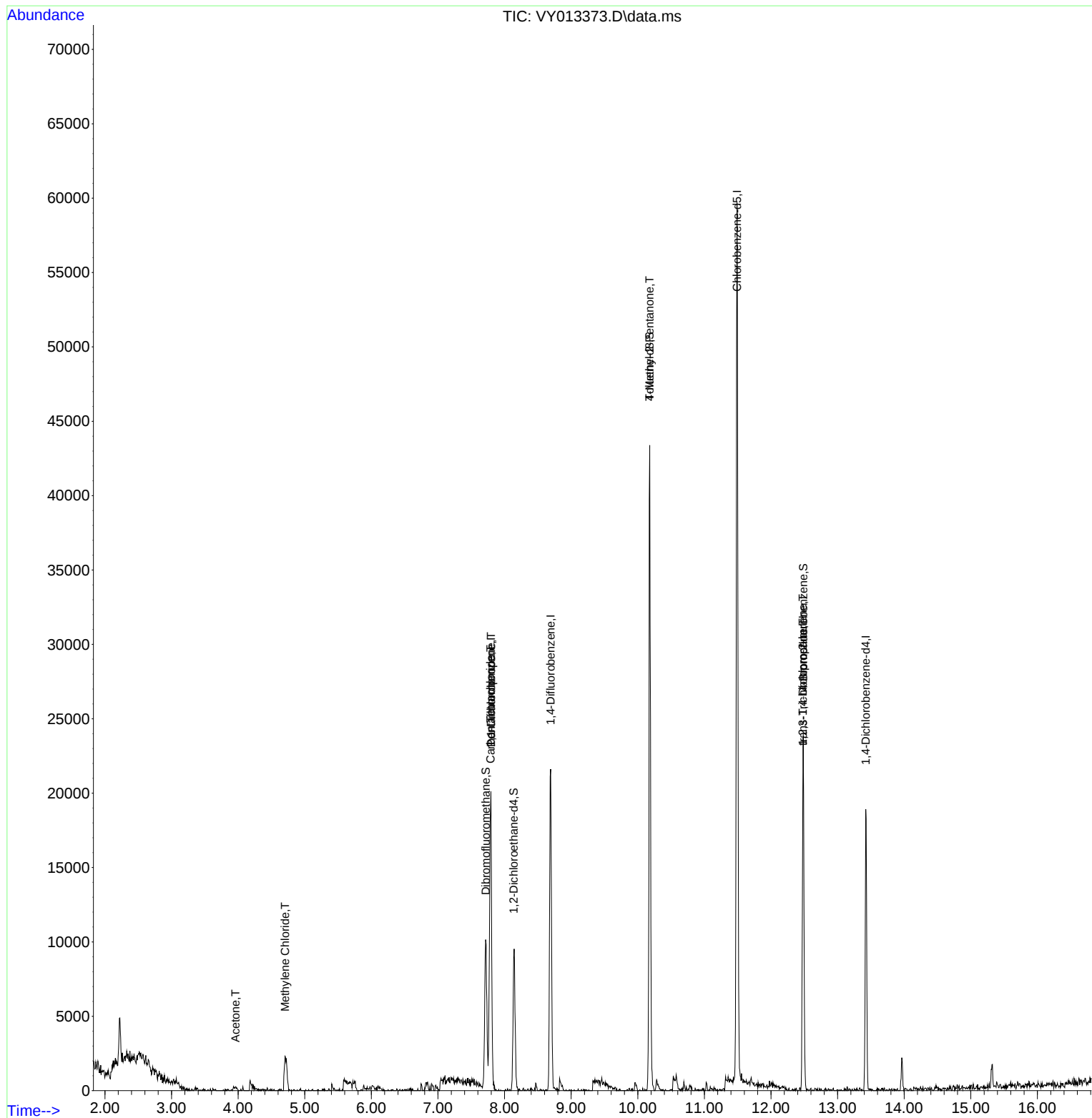
Internal Standards						
1) Pentafluorobenzene	7.795	168	16130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	18284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	33773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	5267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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

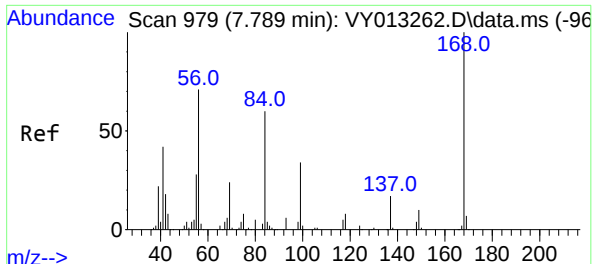
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
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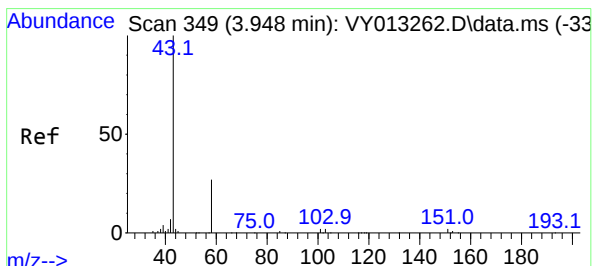
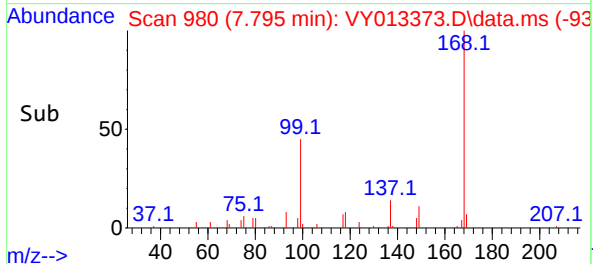
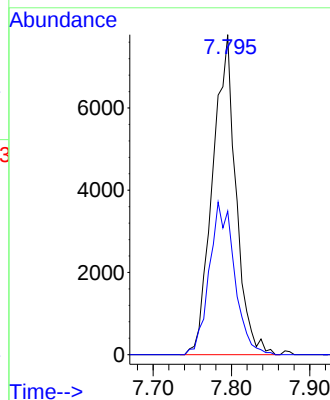
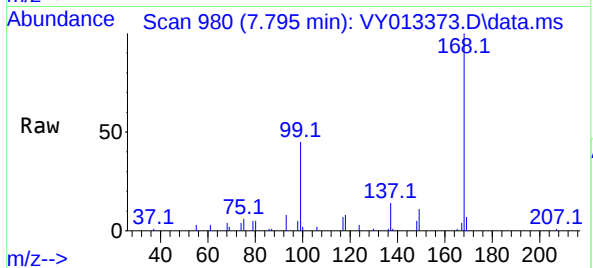




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013373.D
Acq: 20 Apr 2023 17:10

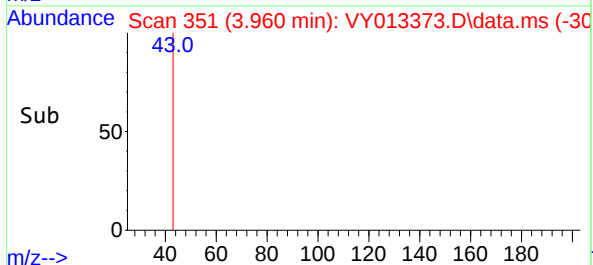
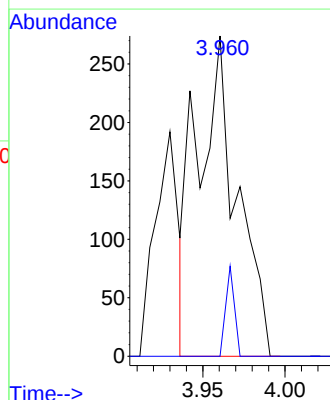
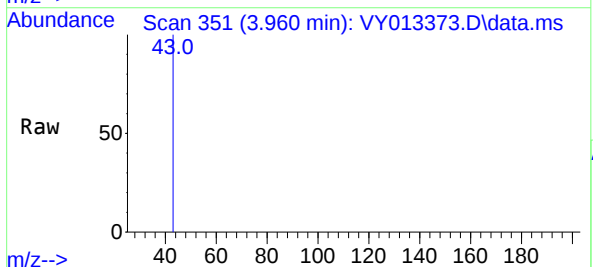
Instrument :
MSVOA_Y
ClientSampleId :

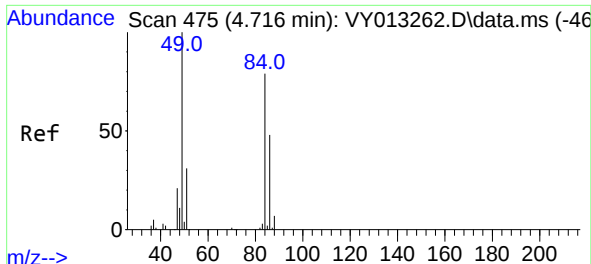
Tgt Ion:168 Resp: 16130
Ion Ratio Lower Upper
168 100
99 44.8 41.7 62.5



#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

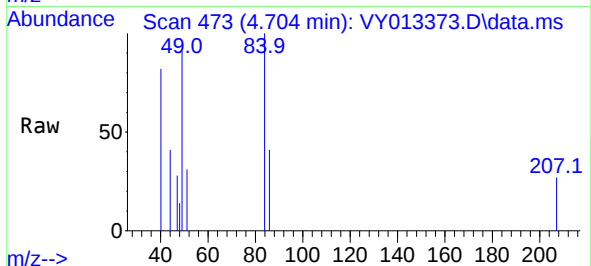
Tgt Ion: 43 Resp: 458
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#





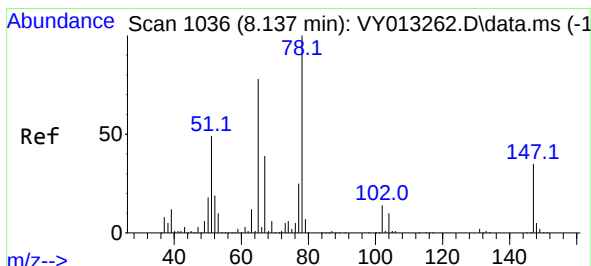
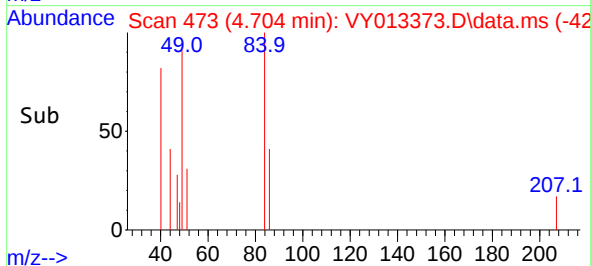
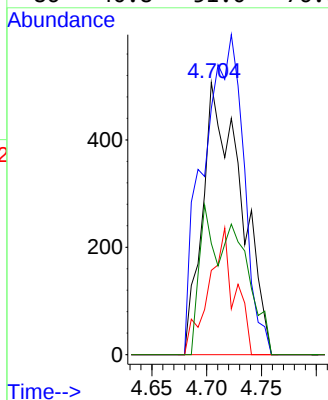
#20
Methylene Chloride
Concen: 3.012 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013373.D
Acq: 20 Apr 2023 17:10

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 1237

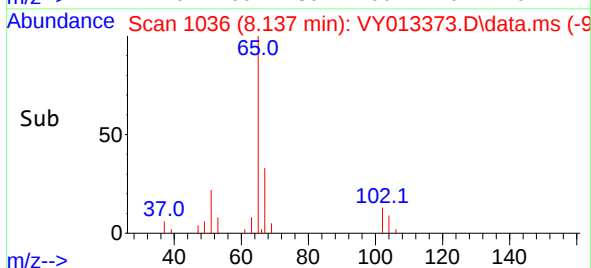
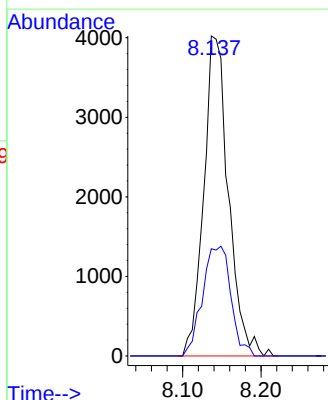
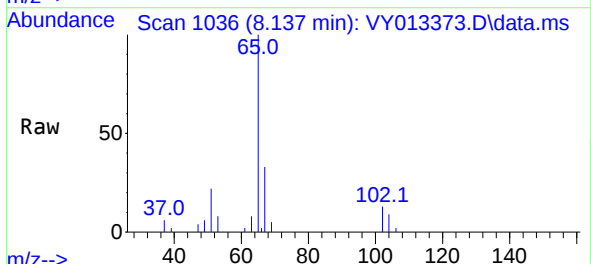
Ion	Ratio	Lower	Upper
84	100		
49	90.5	102.6	154.0#
51	31.0	31.9	47.9#
86	40.8	51.0	76.6#

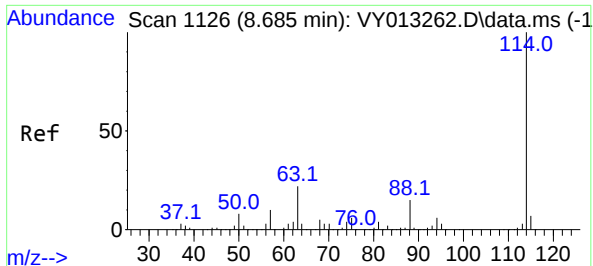


#33
1,2-Dichloroethane-d4
Concen: 45.428 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013373.D
Acq: 20 Apr 2023 17:10

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 :

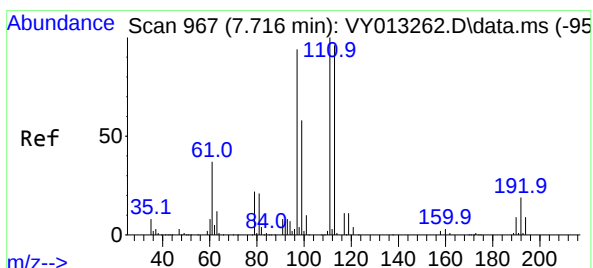
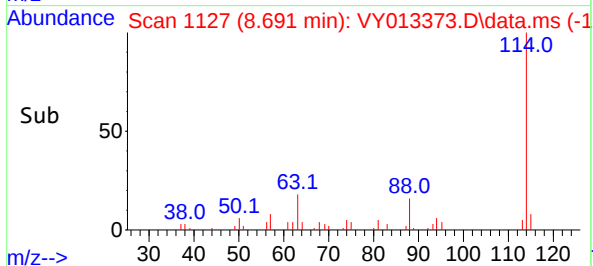
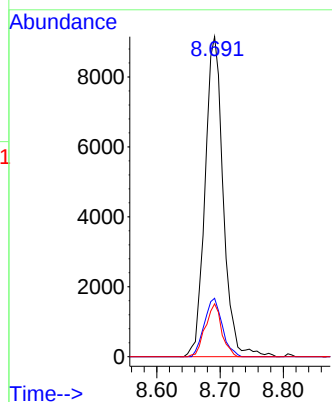
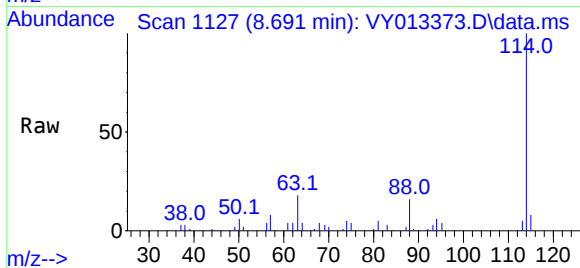
Tgt Ion:114 Resp: 18284

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

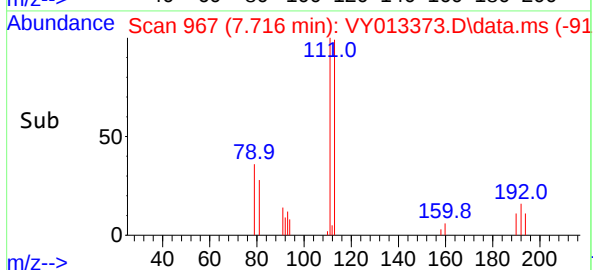
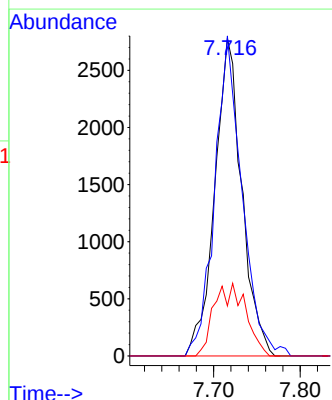
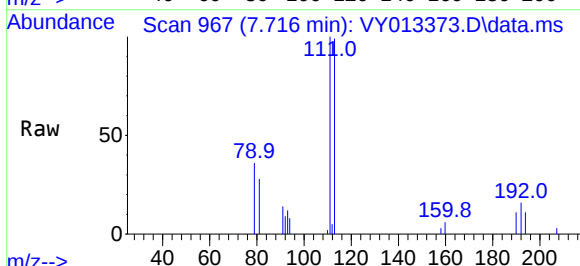
Tgt Ion:113 Resp: 6024

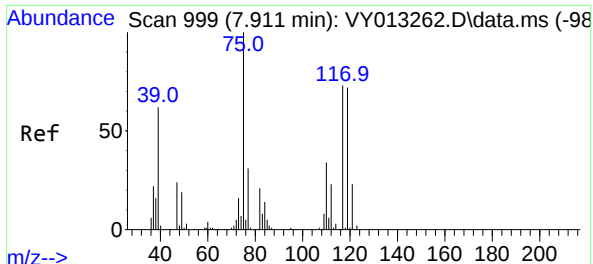
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

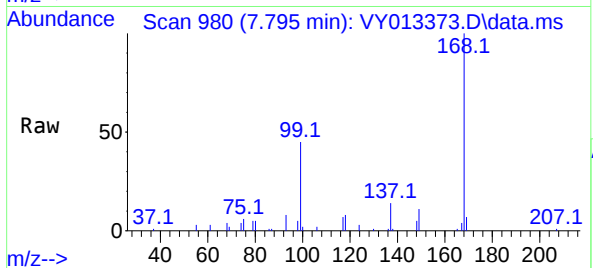
192 12.9 16.8 25.2#



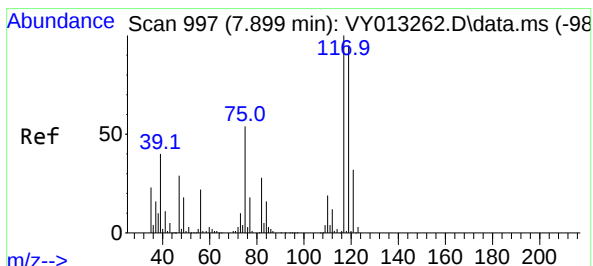
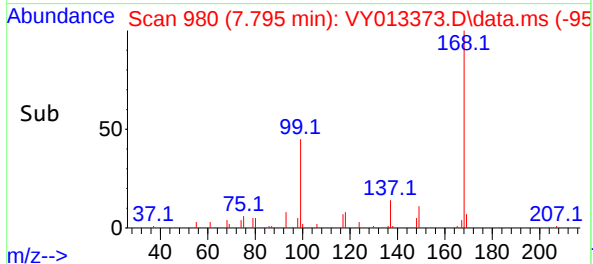
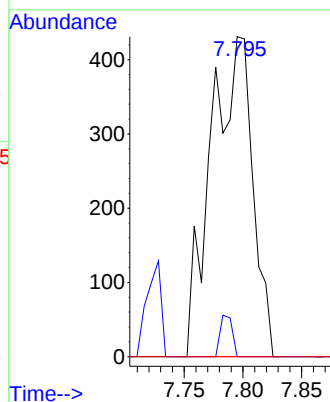


#36
1,1-Dichloropropene
Concen: 5.906 ug/l
RT: 7.795 min Scan# 910
Delta R.T. -0.116 min
Lab File: VY013373.D
Acq: 20 Apr 2023 17:10

Instrument :
MSVOA_Y
ClientSampleId :

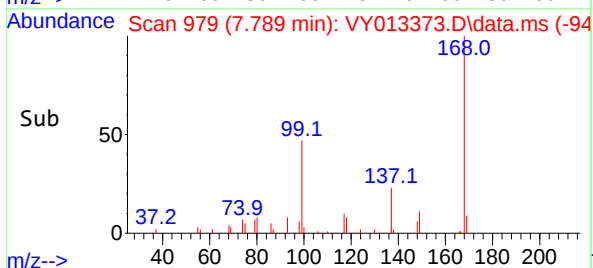
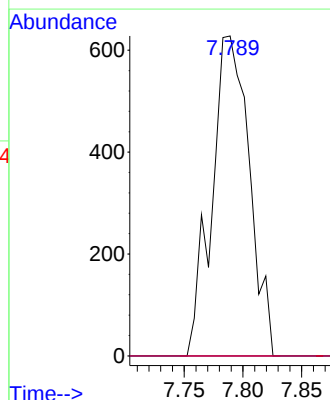
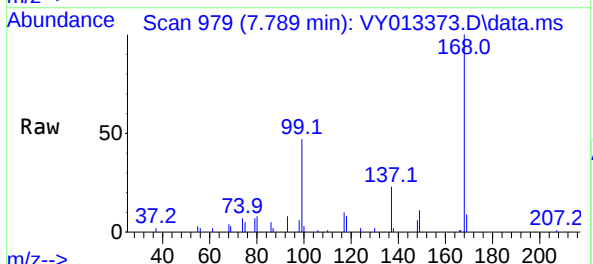


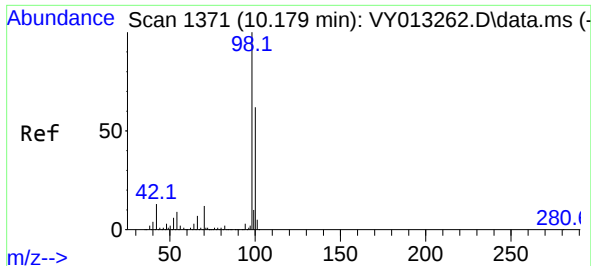
Tgt Ion: 75 Resp: 1059
Ion Ratio Lower Upper
75 100
110 3.8 17.8 53.3#
77 0.0 25.0 37.4#



#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#

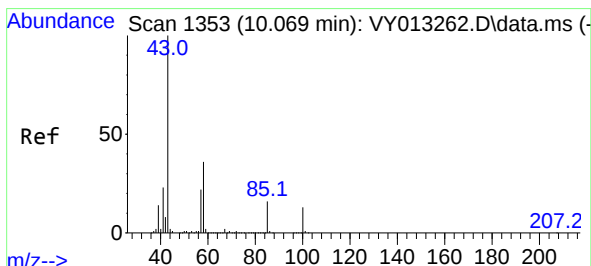
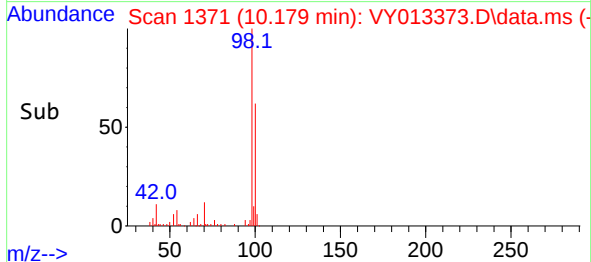
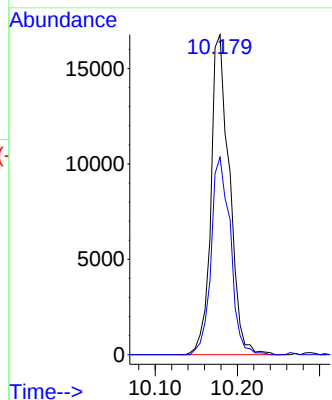
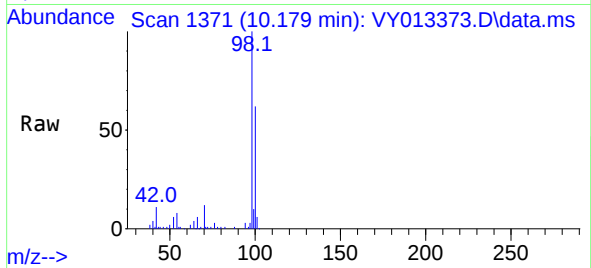




#50
Toluene-d8
Concen: 59.404 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013373.D
Acq: 20 Apr 2023 17:10

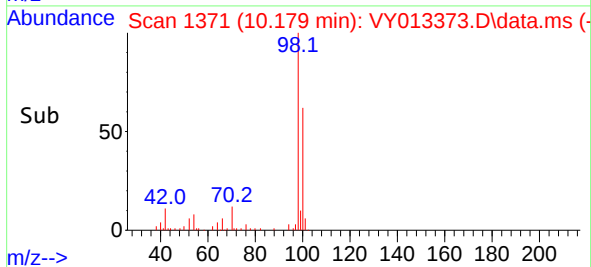
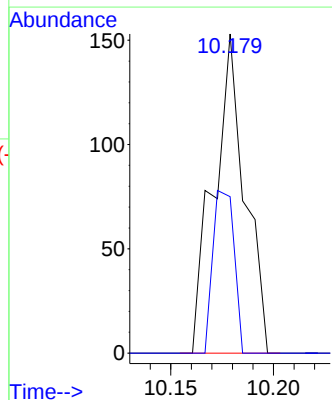
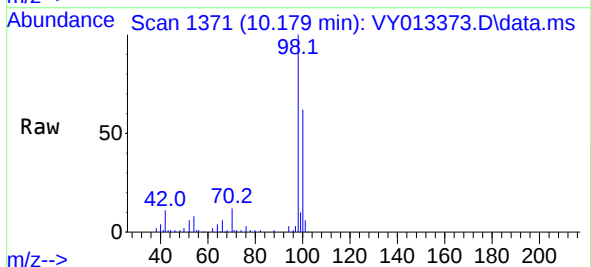
Instrument :
MSVOA_Y
ClientSampleId :

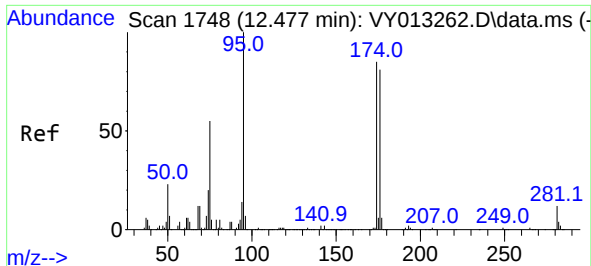
Tgt Ion: 98 Resp: 26173
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3



#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

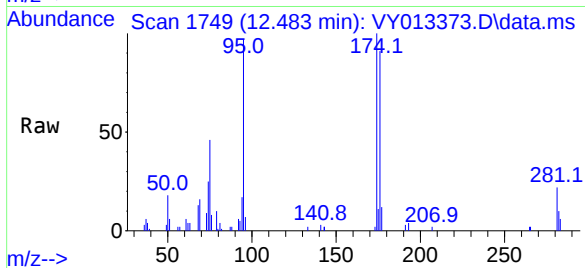
Tgt Ion: 43 Resp: 162
Ion Ratio Lower Upper
43 100
58 34.6 29.8 44.6



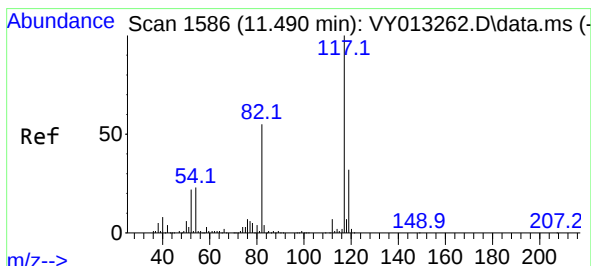
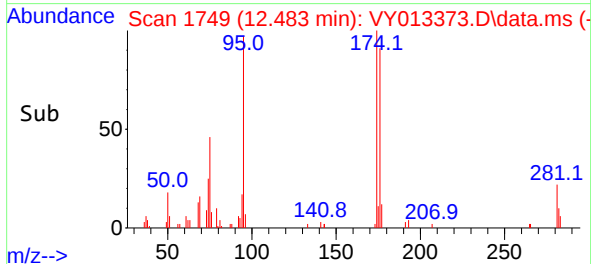
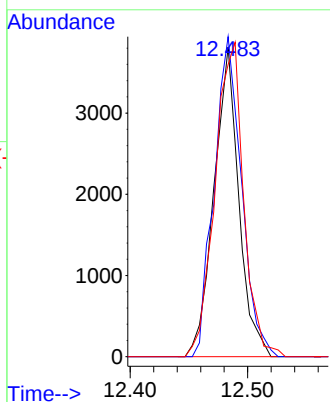


#62
4-Bromofluorobenzene
Concen: 39.133 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013373.D
Acq: 20 Apr 2023 17:10

Instrument :
MSVOA_Y
ClientSampleId :

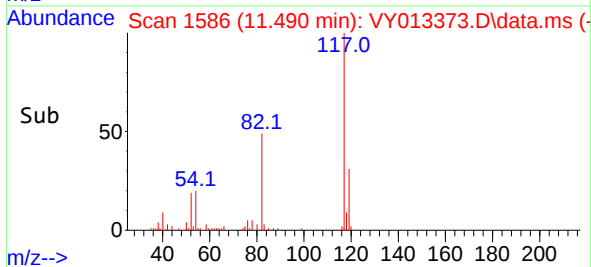
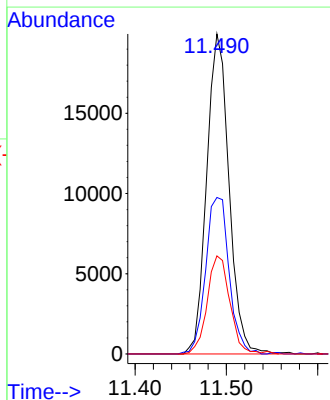
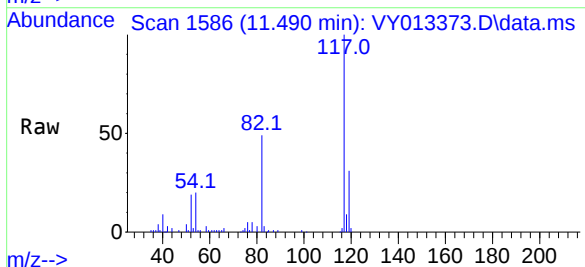


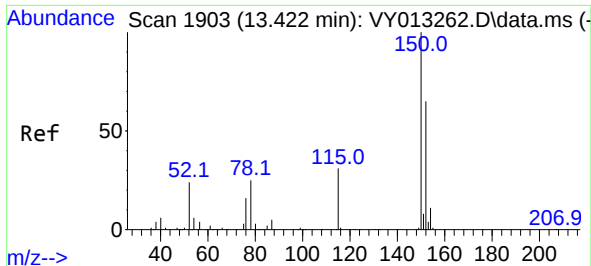
Tgt Ion: 95 Resp: 5602
Ion Ratio Lower Upper
95 100
174 113.8 0.0 176.6
176 116.8 0.0 170.2



#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

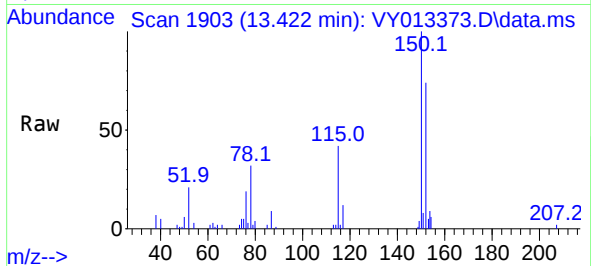
Tgt Ion: 117 Resp: 33773
Ion Ratio Lower Upper
117 100
82 48.9 45.4 68.0
119 30.7 25.6 38.4



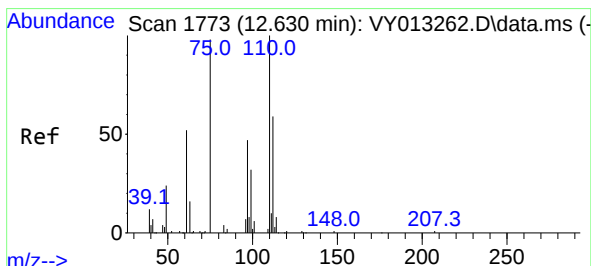
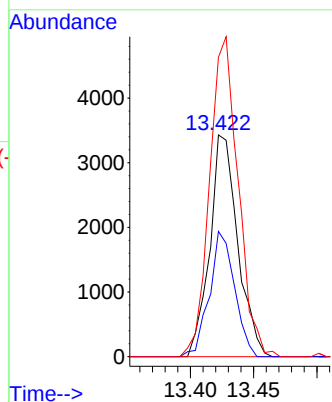
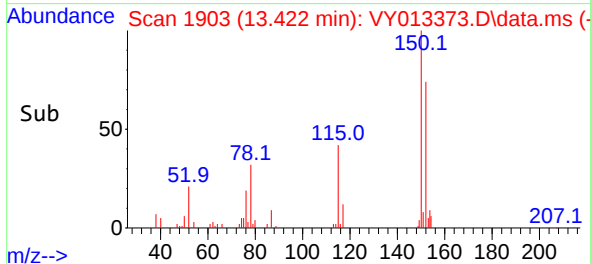


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013373.D
Acq: 20 Apr 2023 17:10

Instrument :
MSVOA_Y
ClientSampleId :

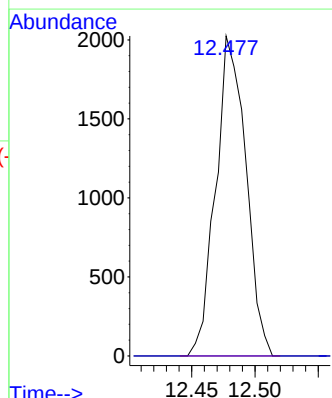
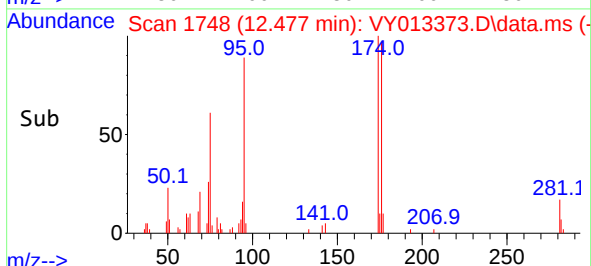
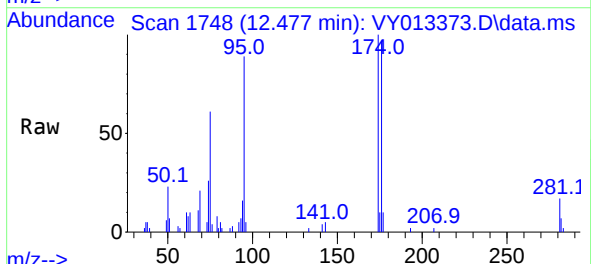


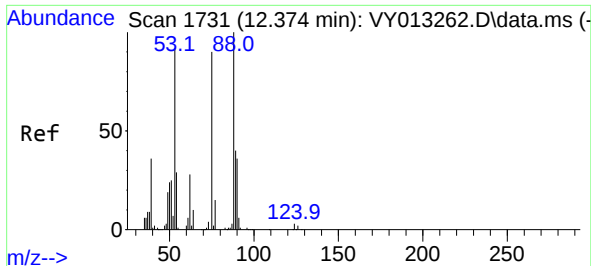
Tgt Ion:152 Resp: 5267
Ion Ratio Lower Upper
152 100
115 50.8 27.1 81.3
150 147.3 0.0 347.8



#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

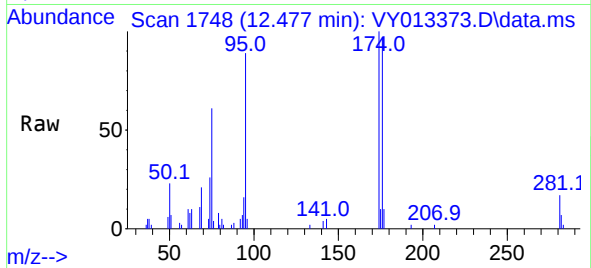
Tgt Ion: 75 Resp: 3353
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#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 :



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#

