

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081821\
 Data File : VY005747.D
 Acq On : 18 Aug 2021 18:04
 Operator : SY/MD
 Sample : M3414-03
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 19 05:18:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

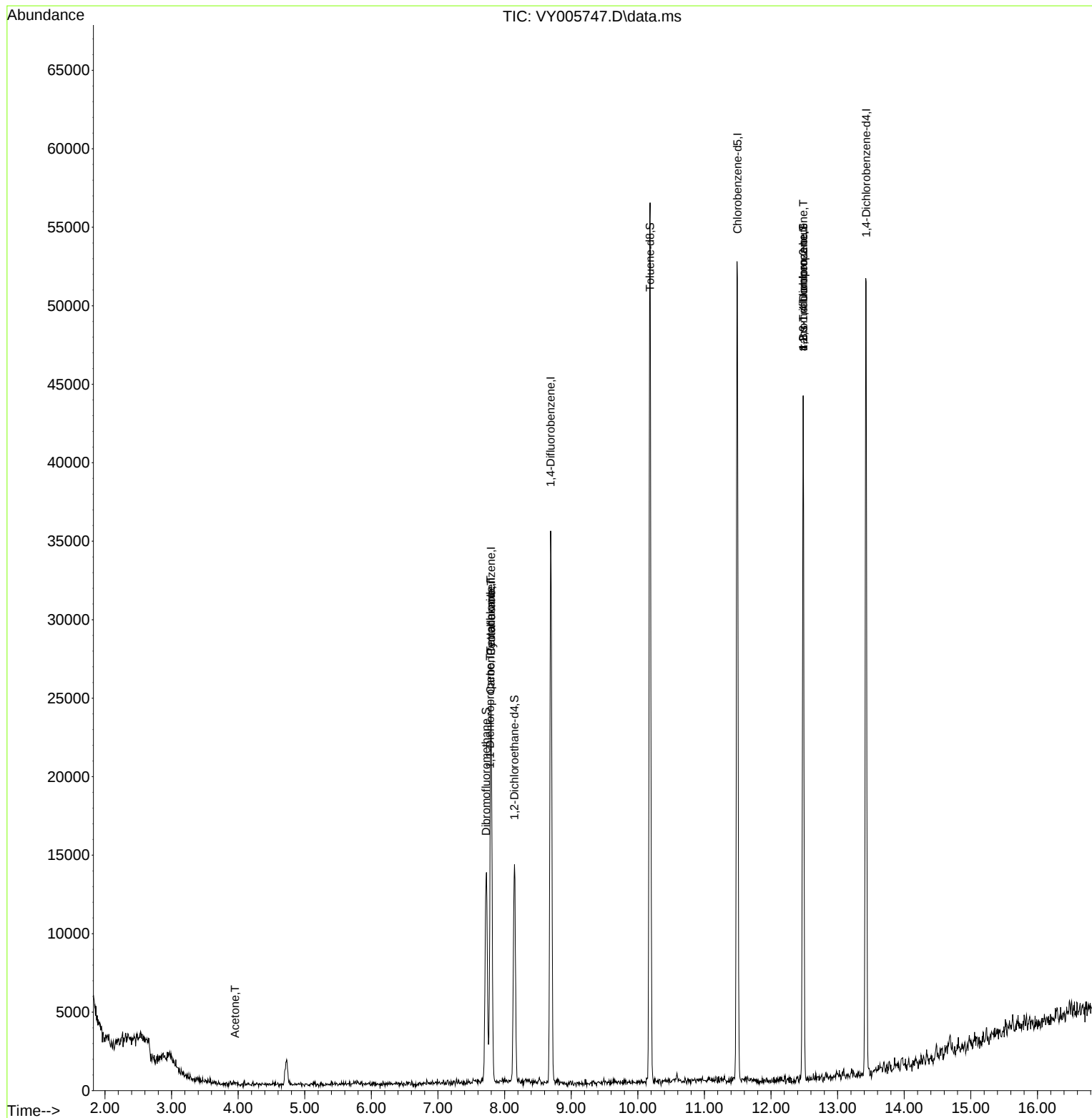
Internal Standards						
1) Pentafluorobenzene	7.795	168	19783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	30551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	28230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	13863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	11579	57.822	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.640%	
35) Dibromofluoromethane	7.722	113	9318	54.476	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.960%	
50) Toluene-d8	10.185	98	37787	52.675	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.340%	
62) 4-Bromofluorobenzene	12.483	95	11620	48.915	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.840%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	219	4.338	ug/l #	45
20) Methylene Chloride	4.716	84	1136	Below Cal		90
31) Cyclohexane	7.795	56	478	1.392	ug/l #	49
36) 1,1-Dichloropropene	7.783	75	1413	4.931	ug/l #	42
38) Carbon Tetrachloride	7.789	117	1712	5.497	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	6647	46.269	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	6647	93.272	ug/l #	11

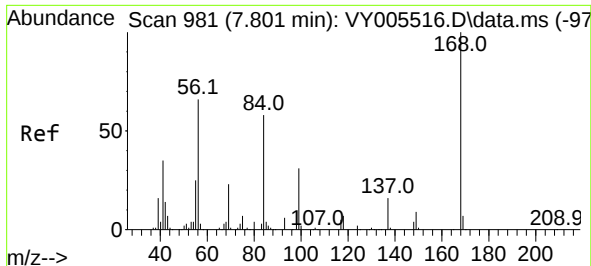
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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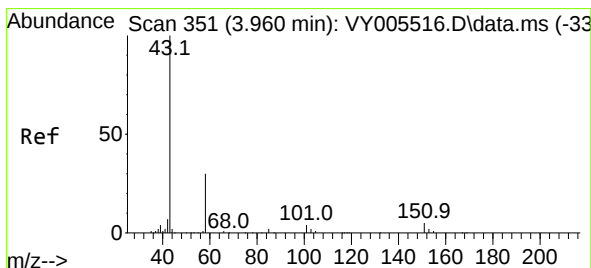
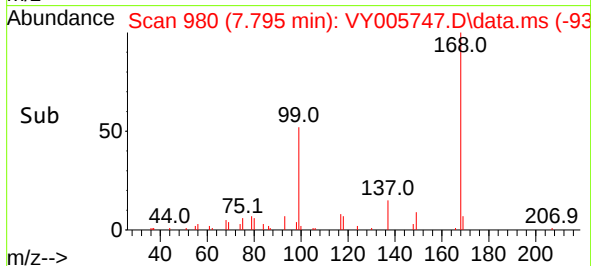
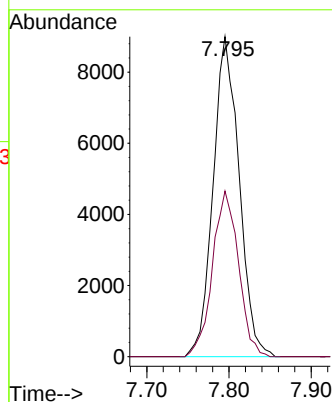
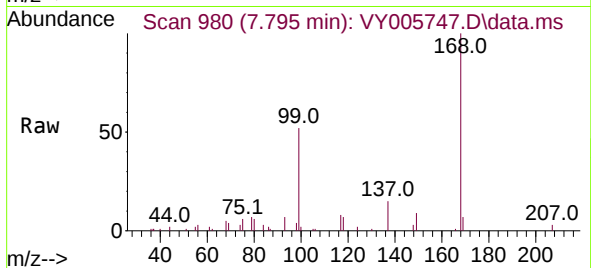




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005747.D
Acq: 18 Aug 2021 18:04

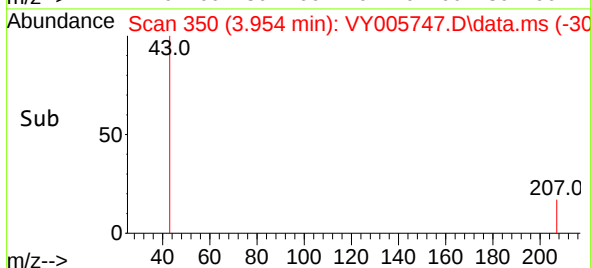
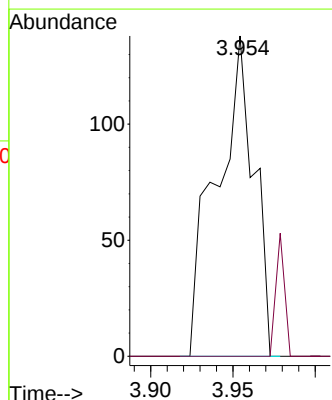
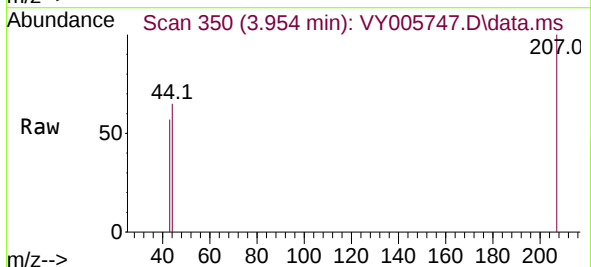
Instrument :
MSVOA_Y
ClientSampled :

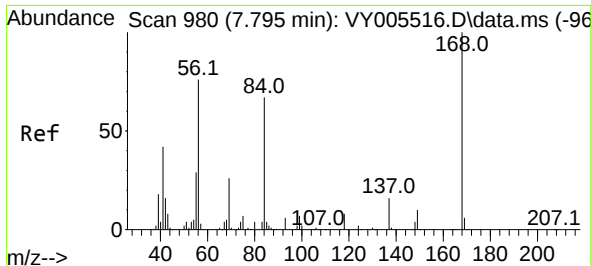
Tgt Ion:168 Resp: 19783
Ion Ratio Lower Upper
168 100
99 51.7 38.9 58.3



#16
Acetone
Concen: 4.338 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005747.D
Acq: 18 Aug 2021 18:04

Tgt Ion: 43 Resp: 219
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#

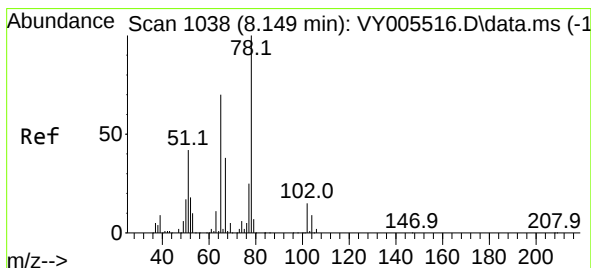
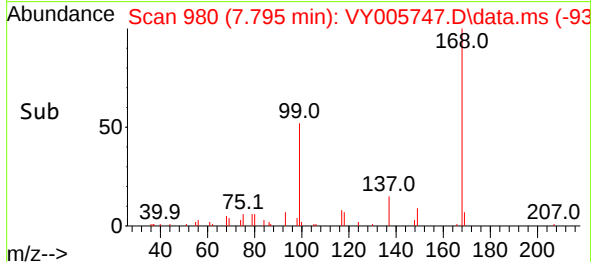
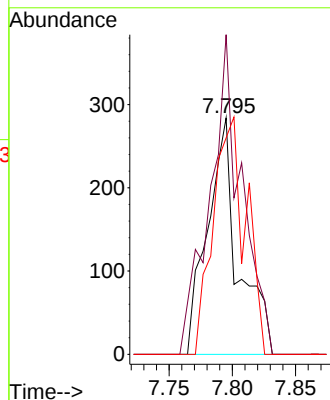
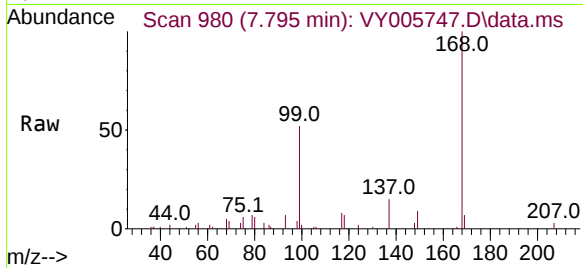




#31
Cyclohexane
Concen: 1.392 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005747.D
Acq: 18 Aug 2021 18:04

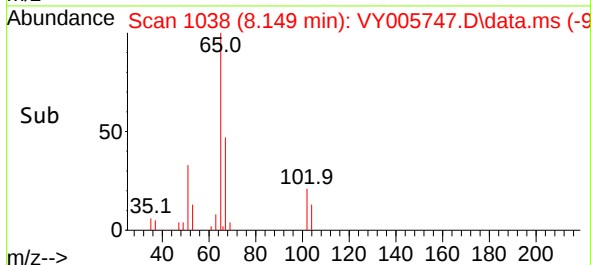
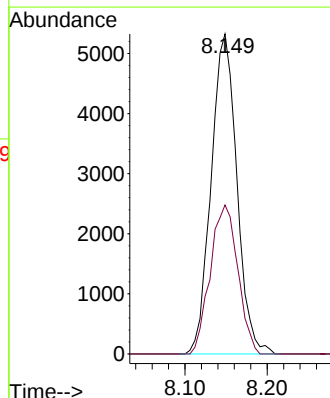
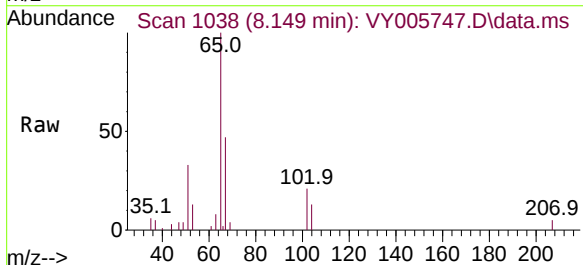
Instrument :
MSVOA_Y
ClientSampleId :

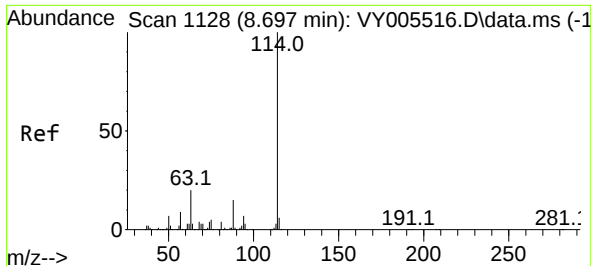
Tgt Ion: 56 Resp: 478
Ion Ratio Lower Upper
56 100
69 135.2 27.7 41.5#
84 91.5 70.9 106.3



#33
1,2-Dichloroethane-d4
Concen: 57.822 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005747.D
Acq: 18 Aug 2021 18:04

Tgt Ion: 65 Resp: 11579
Ion Ratio Lower Upper
65 100
67 49.8 0.0 103.4

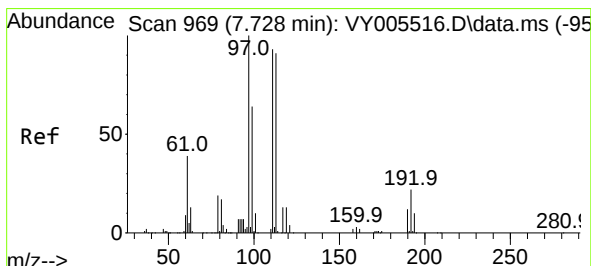
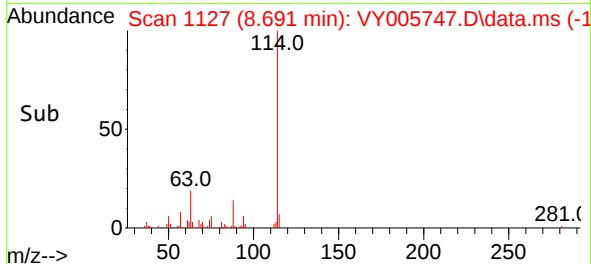
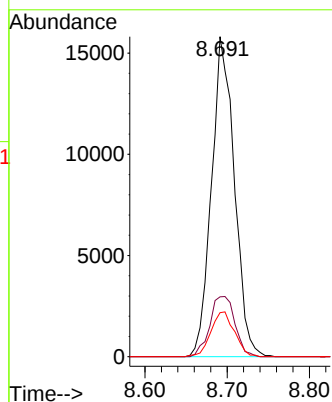
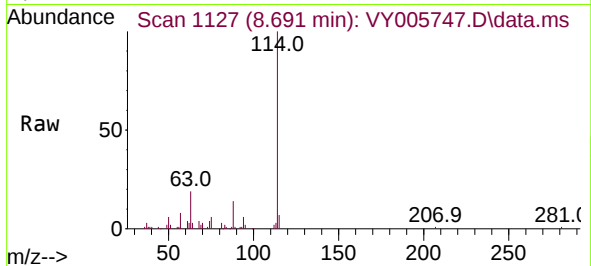




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005747.D
Acq: 18 Aug 2021 18:04

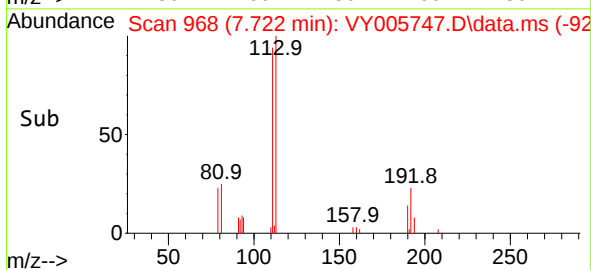
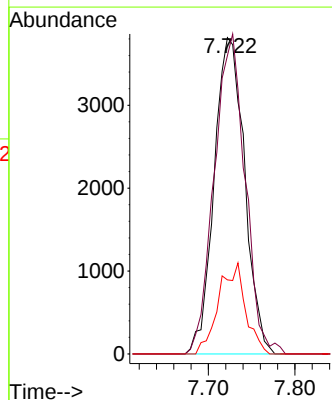
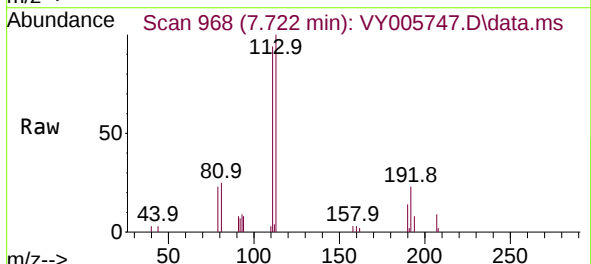
Instrument :
MSVOA_Y
ClientSampleId :

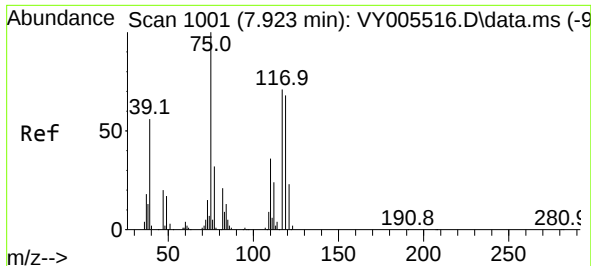
Tgt Ion:114 Resp: 30551
Ion Ratio Lower Upper
114 100
63 18.7 0.0 39.2
88 13.7 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.476 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005747.D
Acq: 18 Aug 2021 18:04

Tgt Ion:113 Resp: 9318
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 25.3 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.931 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.140 min

Lab File: VY005747.D

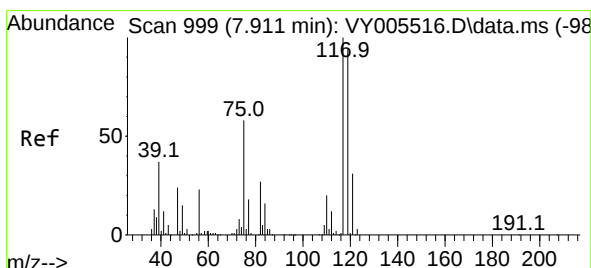
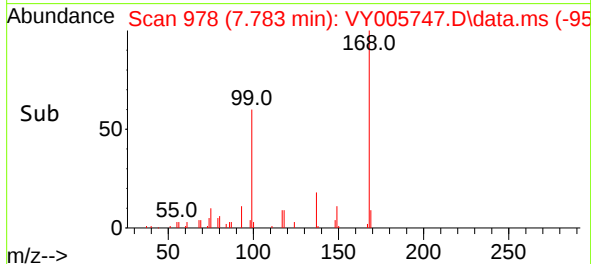
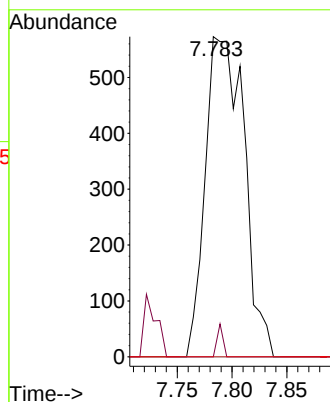
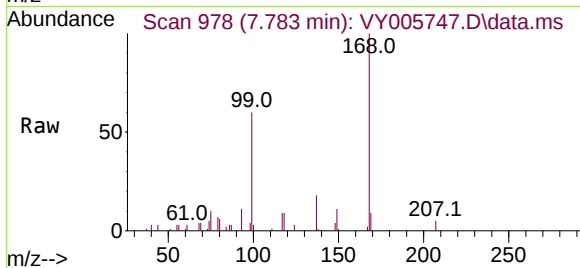
Acq: 18 Aug 2021 18:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 1413
Ion Ratio	Lower Upper
75 100	
110 1.6	18.1 54.1#
77 0.0	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.497 ug/l

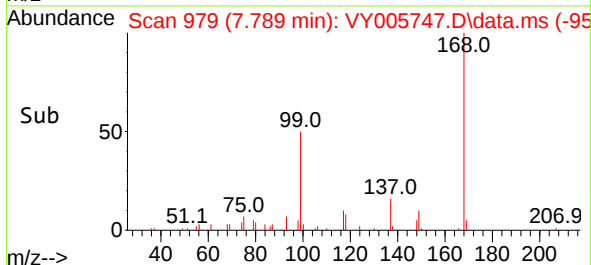
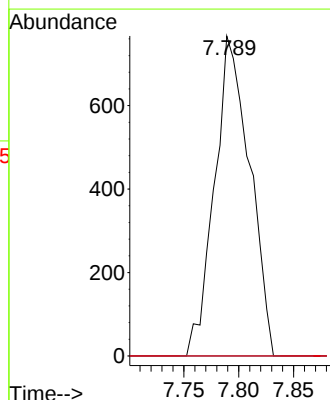
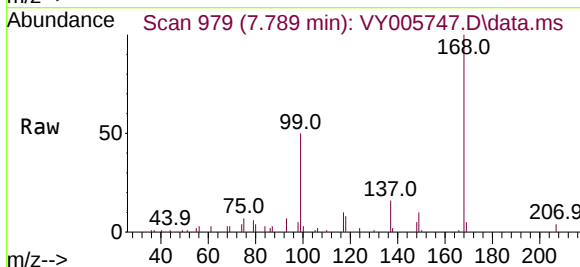
RT: 7.789 min Scan# 979

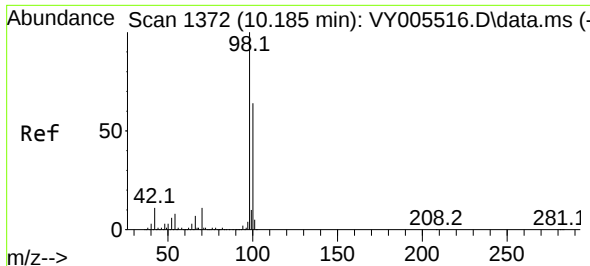
Delta R.T. -0.122 min

Lab File: VY005747.D

Acq: 18 Aug 2021 18:04

Tgt Ion: 117	Resp: 1712
Ion Ratio	Lower Upper
117 100	
119 0.0	75.4 113.0#
121 0.0	25.1 37.7#

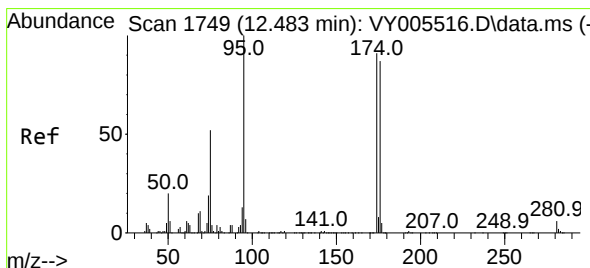
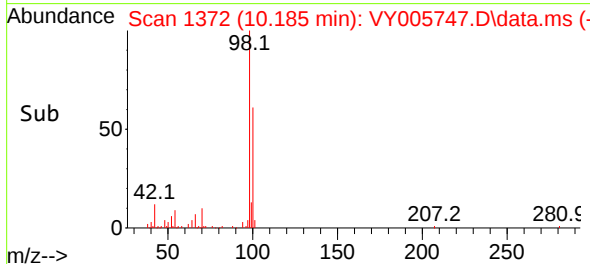
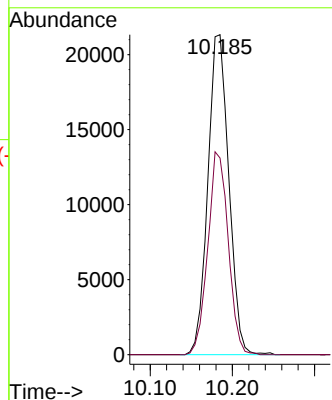
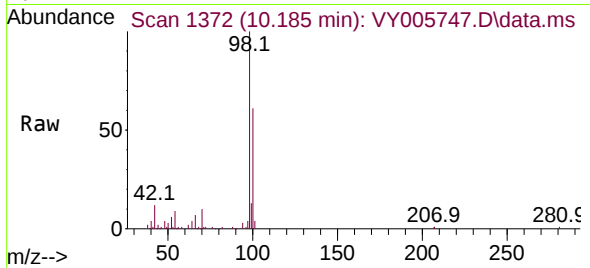




#50
Toluene-d8
Concen: 52.675 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005747.D
Acq: 18 Aug 2021 18:04

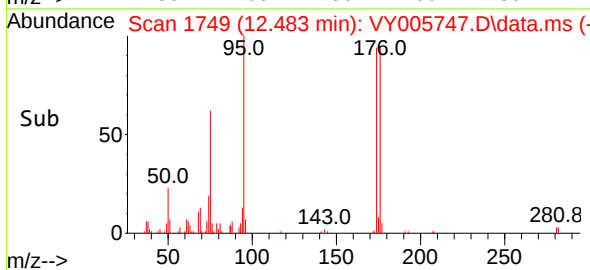
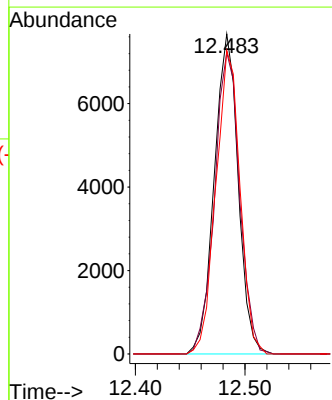
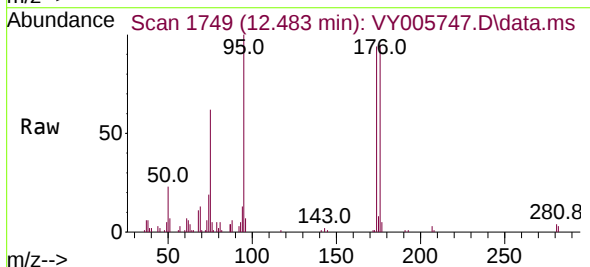
Instrument :
MSVOA_Y
ClientSampled :

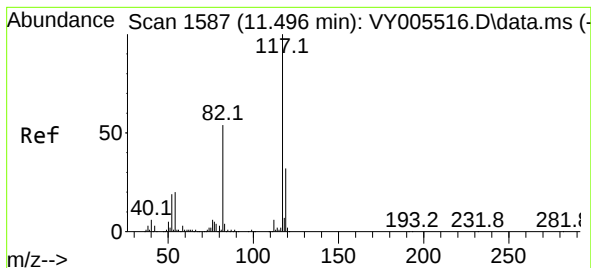
Tgt Ion: 98 Resp: 37787
Ion Ratio Lower Upper
98 100
100 61.7 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 48.915 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005747.D
Acq: 18 Aug 2021 18:04

Tgt Ion: 95 Resp: 11620
Ion Ratio Lower Upper
95 100
174 98.8 0.0 191.4
176 95.6 0.0 183.6

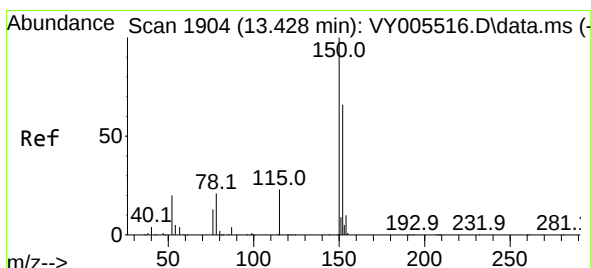
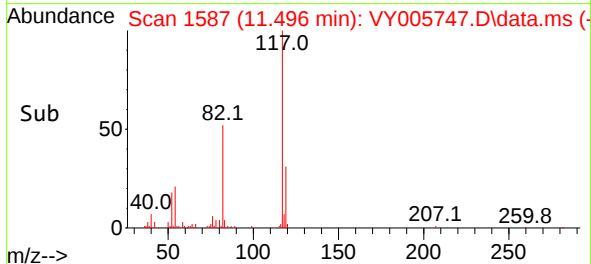
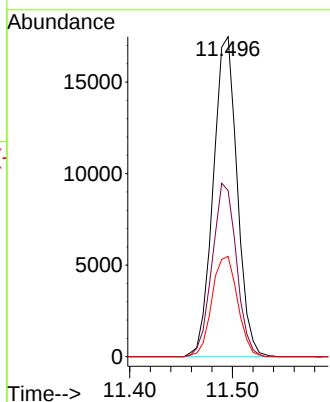
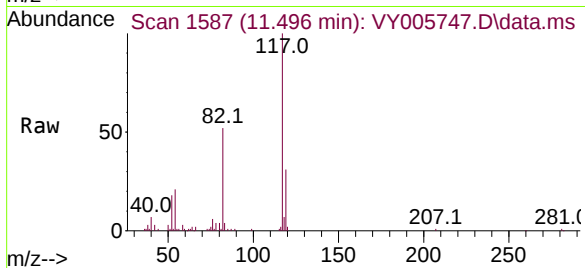




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005747.D
Acq: 18 Aug 2021 18:04

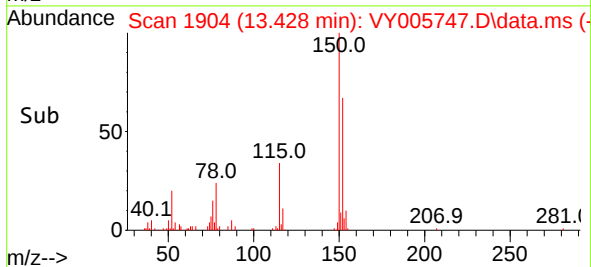
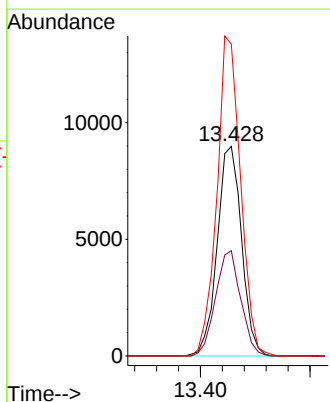
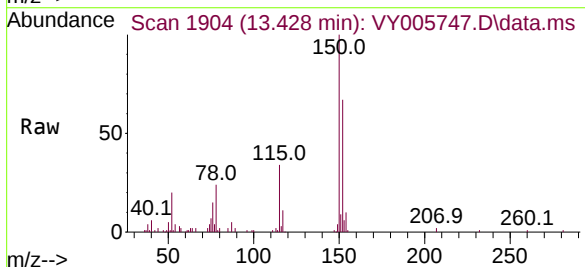
Instrument :
MSVOA_Y
ClientSampleId :

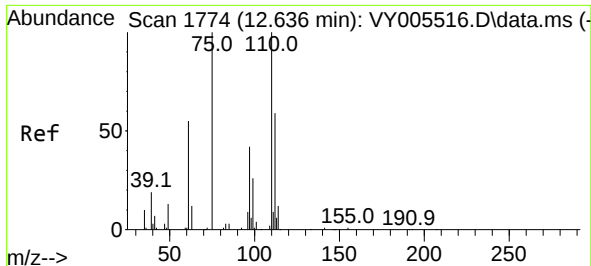
Tgt Ion:	117	Resp:	28230
Ion	Ratio	Lower	Upper
117	100		
82	51.9	43.5	65.3
119	31.4	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005747.D
Acq: 18 Aug 2021 18:04

Tgt Ion:	152	Resp:	13863
Ion	Ratio	Lower	Upper
152	100		
115	51.8	27.3	81.9
150	148.5	0.0	350.2

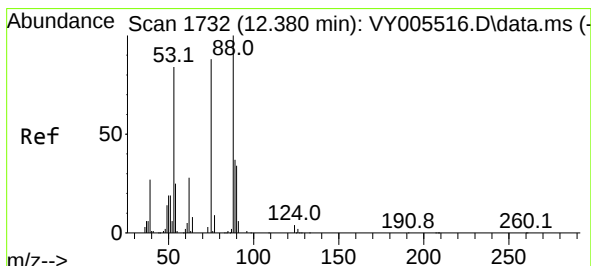
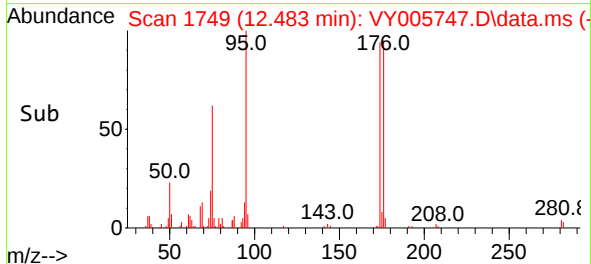
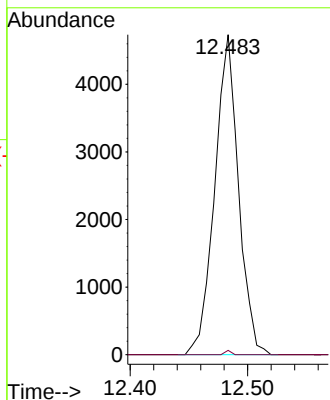
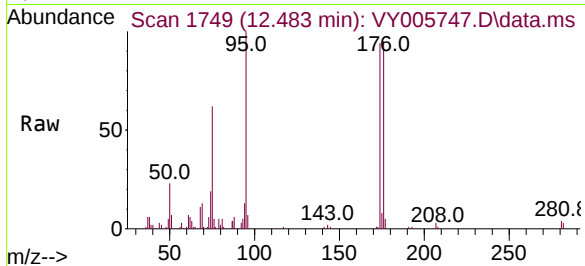




#76
1,2,3-Trichloropropane
Concen: 46.269 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005747.D
Acq: 18 Aug 2021 18:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 6647
Ion Ratio Lower Upper
75 100
77 0.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.272 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005747.D
Acq: 18 Aug 2021 18:04

Tgt Ion: 75 Resp: 6647
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

