

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081821\
 Data File : VY005734.D
 Acq On : 18 Aug 2021 13:02
 Operator : SY/MD
 Sample : M3438-03RE
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 19 05:16:52 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)

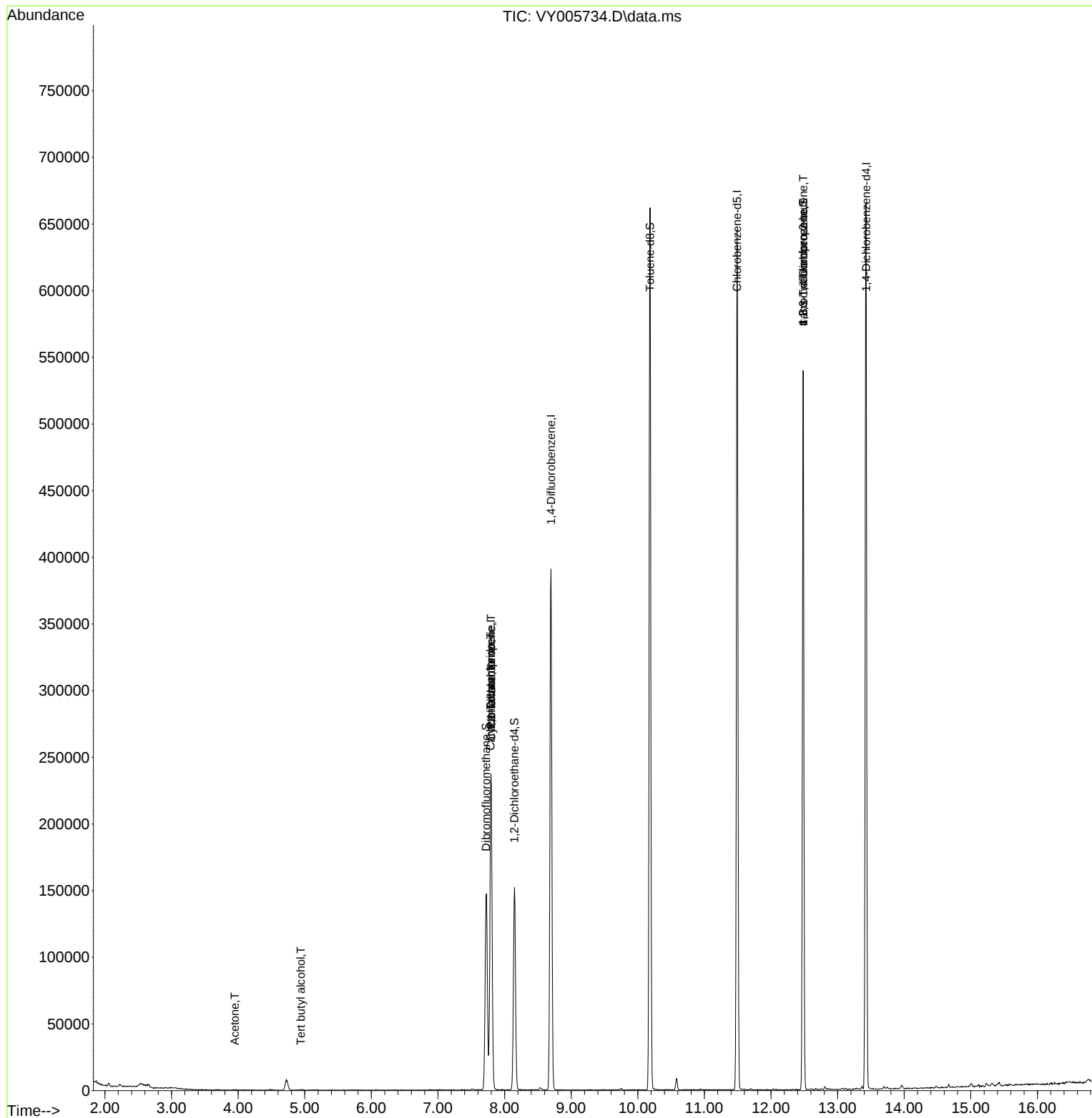
Internal Standards						
1) Pentafluorobenzene	7.795	168	194912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	331247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	339219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	173420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	123108	62.396	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.800%	
35) Dibromofluoromethane	7.722	113	99925	53.880	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.760%	
50) Toluene-d8	10.185	98	429883	55.269	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.540%	
62) 4-Bromofluorobenzene	12.483	95	148613	57.699	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.400%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	499	2.558	ug/l #	73
16) Acetone	3.948	43	683	1.373	ug/l #	45
20) Methylene Chloride	4.722	84	5357	Below Cal		85
31) Cyclohexane	7.801	56	3692	1.091	ug/l #	22
36) 1,1-Dichloropropene	7.795	75	13745	4.424	ug/l #	49
38) Carbon Tetrachloride	7.789	117	17763	5.260	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	82244	45.764	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	82244	92.254	ug/l #	11

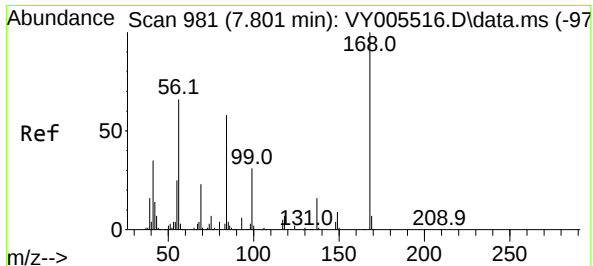
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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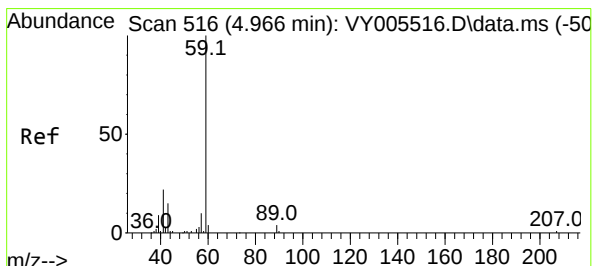
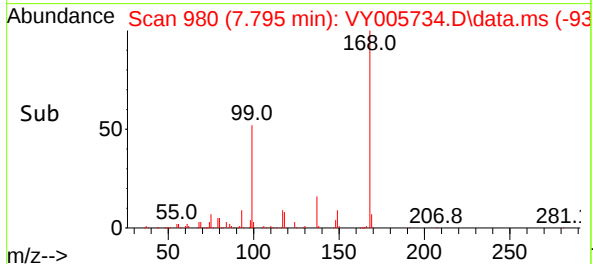
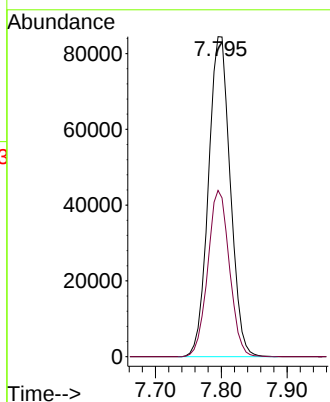
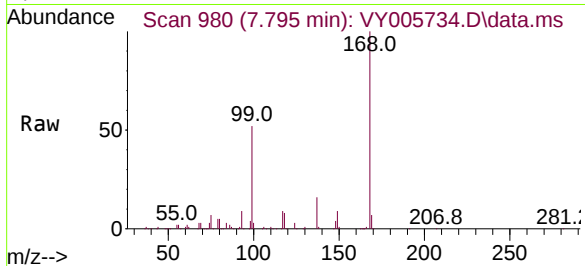




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005734.D
Acq: 18 Aug 2021 13:02

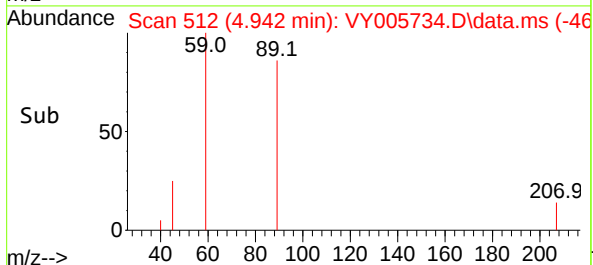
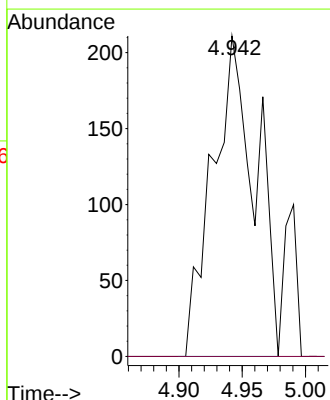
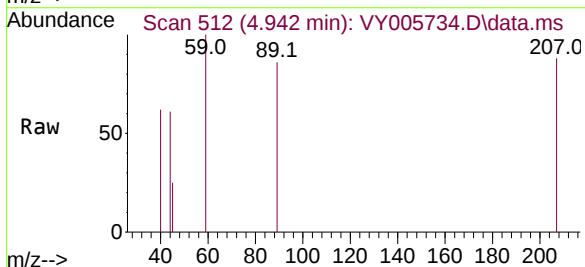
Instrument :
MSVOA_Y
ClientSampleId :

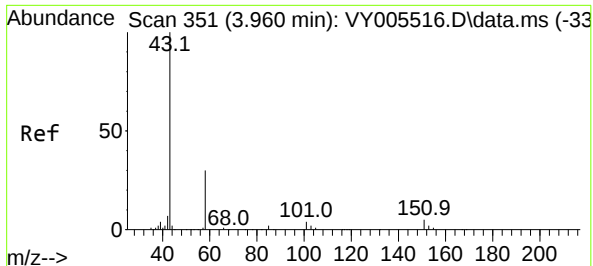
Tgt Ion:168 Resp: 194912
Ion Ratio Lower Upper
168 100
99 52.0 38.9 58.3



#11
Tert butyl alcohol
Concen: 2.558 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.024 min
Lab File: VY005734.D
Acq: 18 Aug 2021 13:02

Tgt Ion: 59 Resp: 499
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

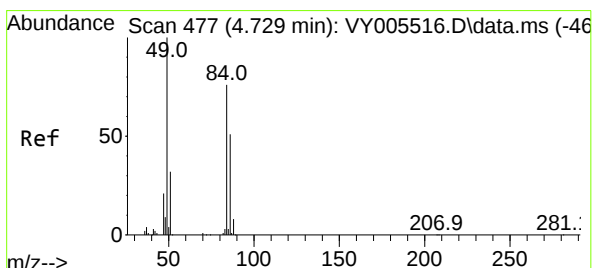
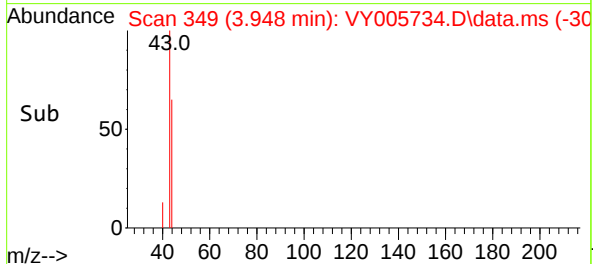
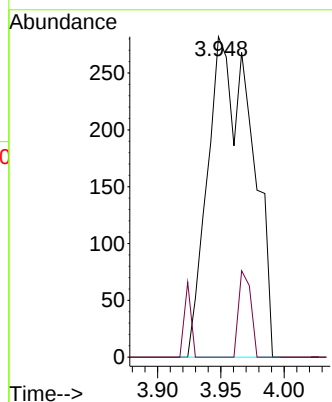
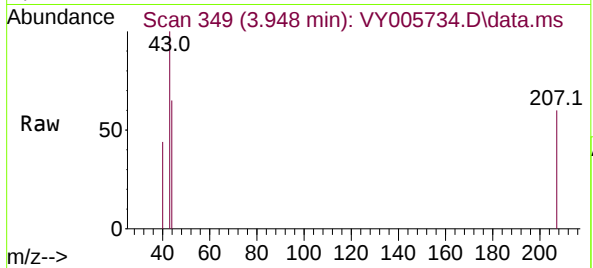




#16
Acetone
Concen: 1.373 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY005734.D
Acq: 18 Aug 2021 13:02

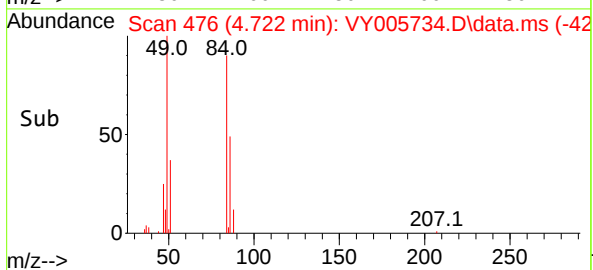
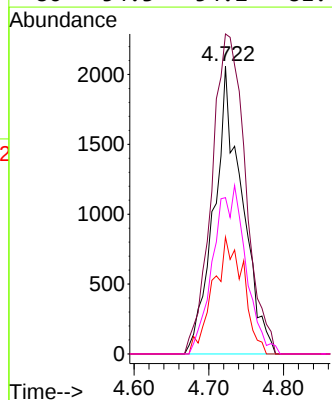
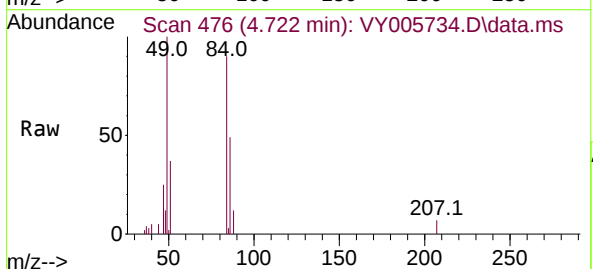
Instrument :
MSVOA_Y
ClientSampleId :

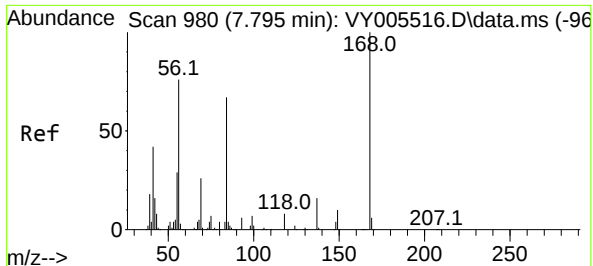
Tgt Ion: 43 Resp: 683
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005734.D
Acq: 18 Aug 2021 13:02

Tgt Ion: 84 Resp: 5357
Ion Ratio Lower Upper
84 100
49 111.2 105.8 158.6
51 40.6 33.4 50.2
86 54.3 54.2 81.4

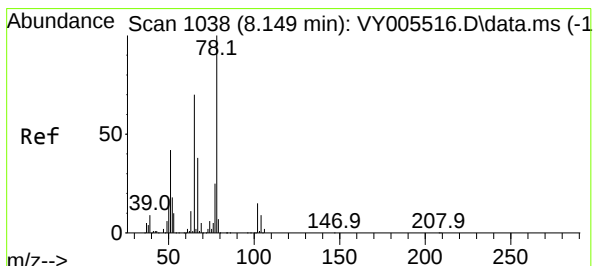
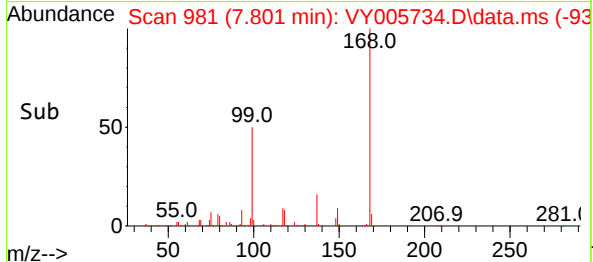
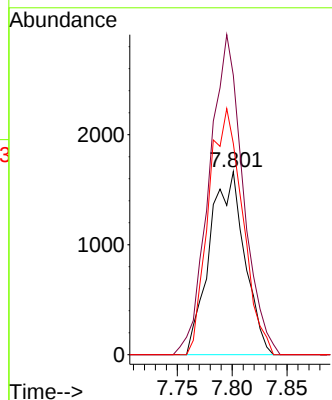
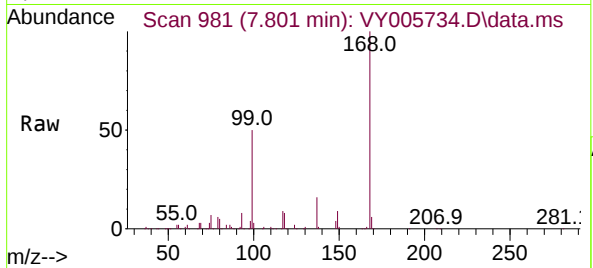




#31
Cyclohexane
Concen: 1.091 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005734.D
Acq: 18 Aug 2021 13:02

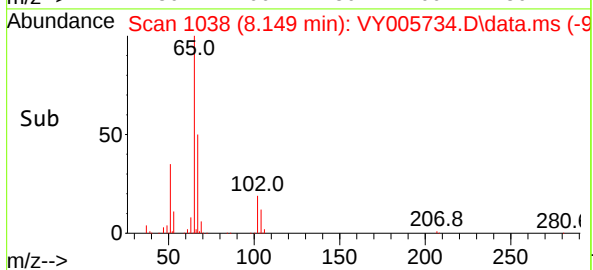
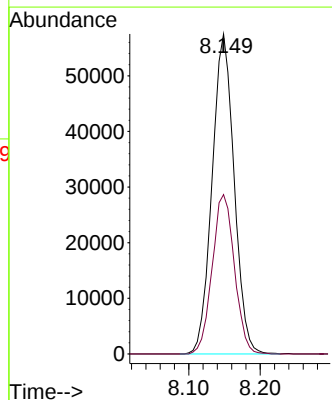
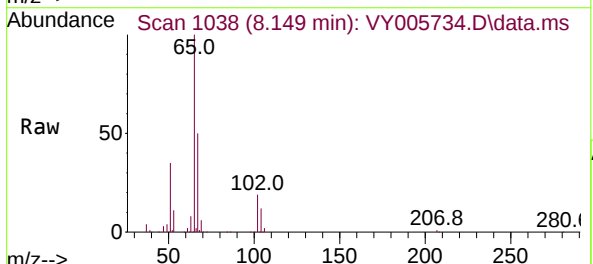
Instrument :
MSVOA_Y
ClientSampled :

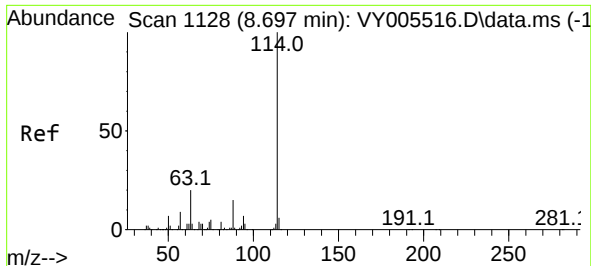
Tgt Ion: 56 Resp: 3692
Ion Ratio Lower Upper
56 100
69 152.6 27.7 41.5#
84 115.4 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 62.396 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005734.D
Acq: 18 Aug 2021 13:02

Tgt Ion: 65 Resp: 123108
Ion Ratio Lower Upper
65 100
67 50.2 0.0 103.4

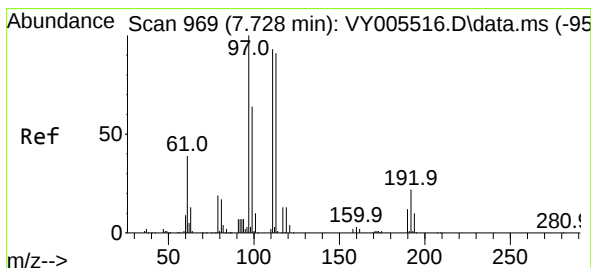
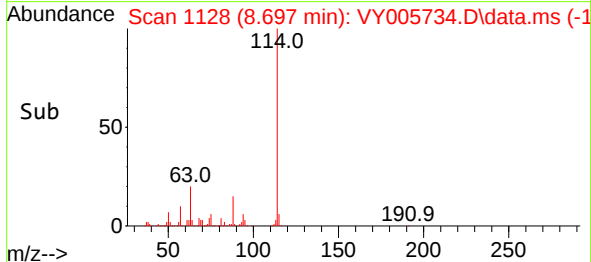
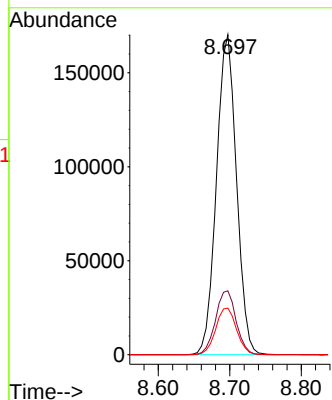
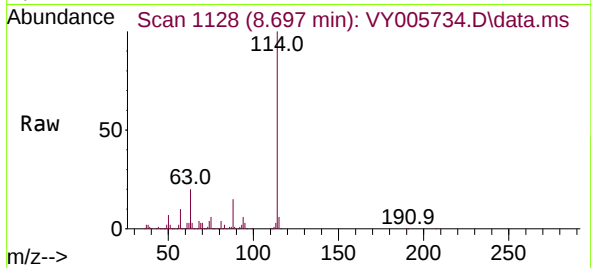




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005734.D
Acq: 18 Aug 2021 13:02

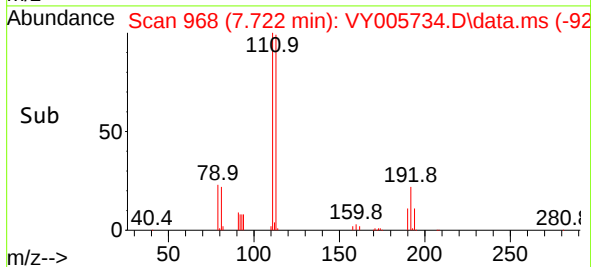
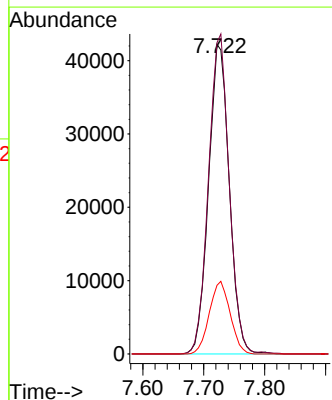
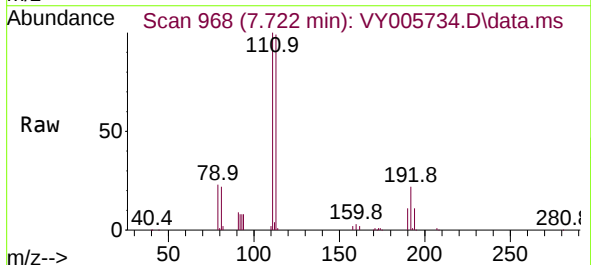
Instrument :
MSVOA_Y
ClientSampleId :

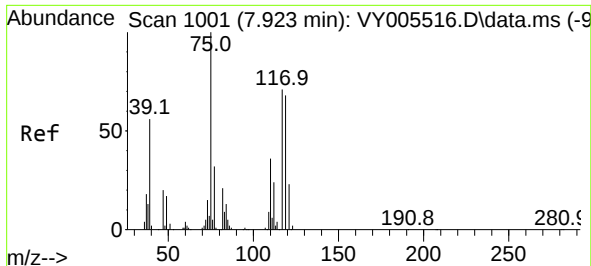
Tgt Ion:114 Resp: 331247
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.2
88 14.5 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.880 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005734.D
Acq: 18 Aug 2021 13:02

Tgt Ion:113 Resp: 99925
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 23.5 19.2 28.8

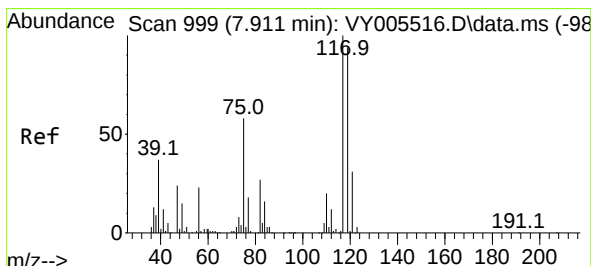
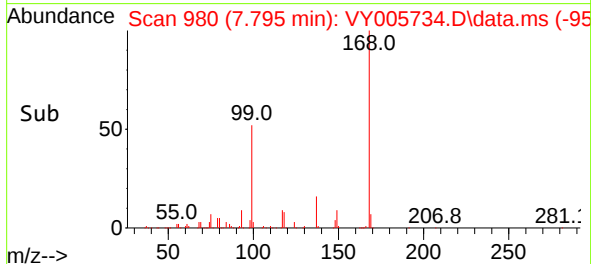
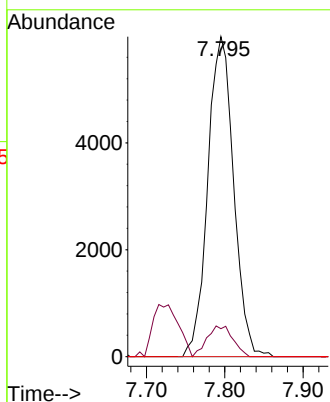
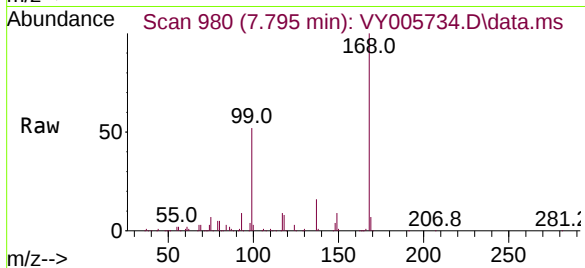




#36
1,1-Dichloropropene
Concen: 4.424 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005734.D
Acq: 18 Aug 2021 13:02

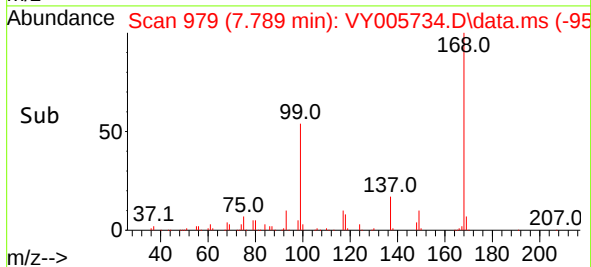
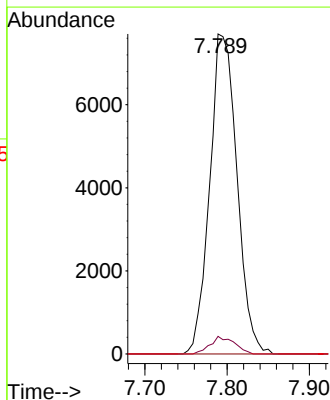
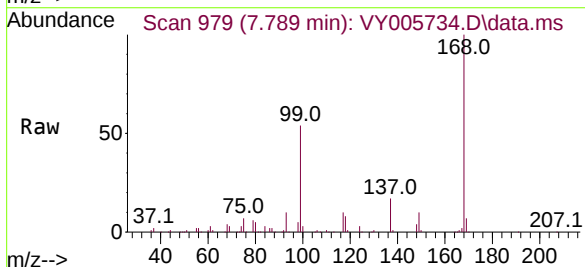
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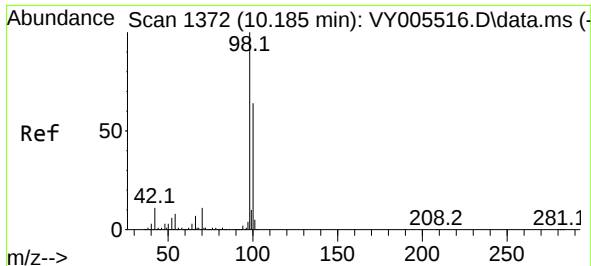
Tgt Ion:	75	Resp:	13745
Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.1	54.1#
77	0.0	25.1	37.7#



#38
Carbon Tetrachloride
Concen: 5.260 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY005734.D
Acq: 18 Aug 2021 13:02

Tgt Ion:	117	Resp:	17763
Ion	Ratio	Lower	Upper
117	100		
119	5.5	75.4	113.0#
121	0.0	25.1	37.7#

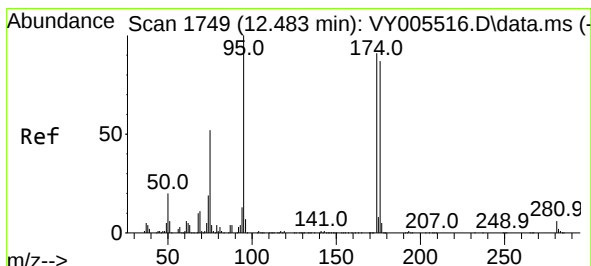
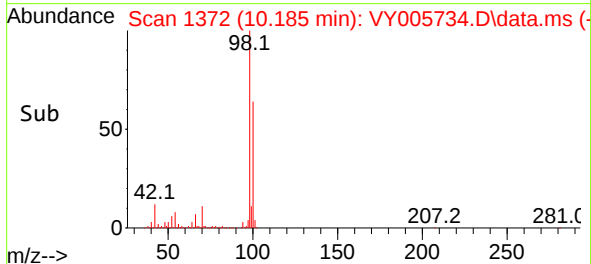
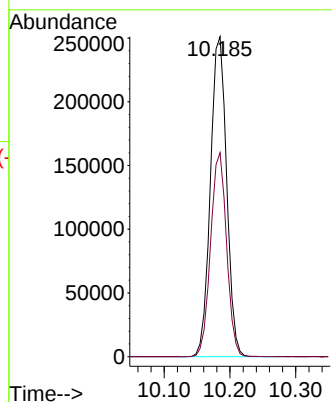
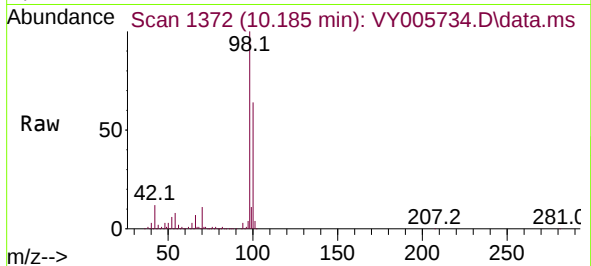




#50
Toluene-d8
Concen: 55.269 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005734.D
Acq: 18 Aug 2021 13:02

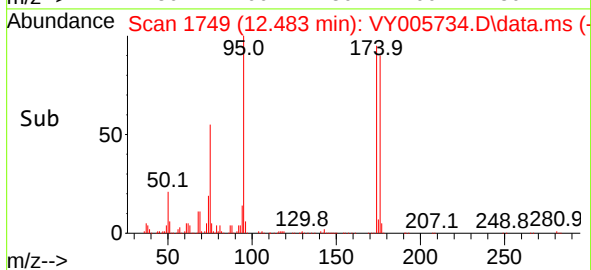
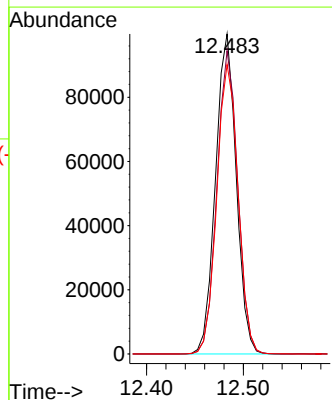
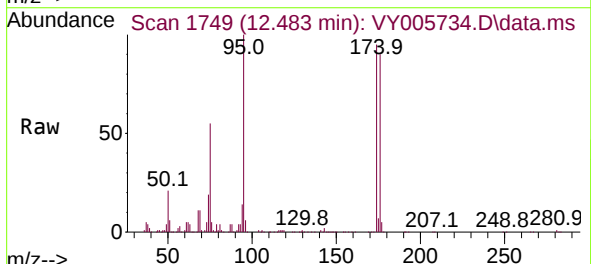
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MSVOA_Y
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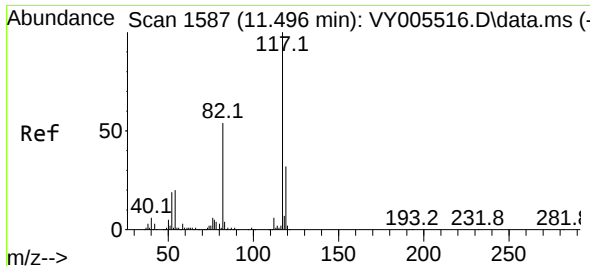
Tgt Ion: 98 Resp: 429883
Ion Ratio Lower Upper
98 100
100 63.0 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 57.699 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005734.D
Acq: 18 Aug 2021 13:02

Tgt Ion: 95 Resp: 148613
Ion Ratio Lower Upper
95 100
174 95.1 0.0 191.4
176 92.8 0.0 183.6

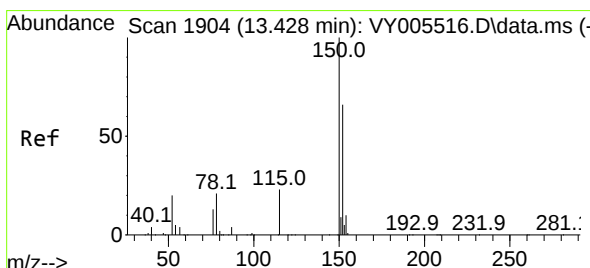
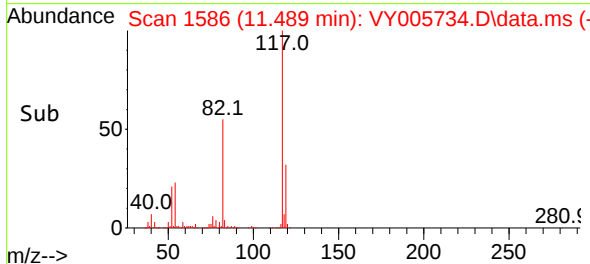
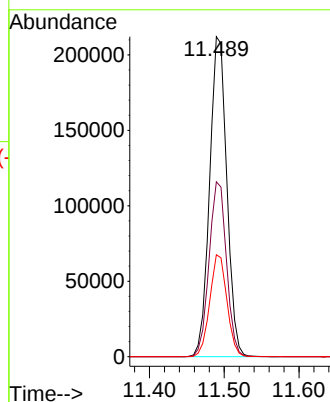
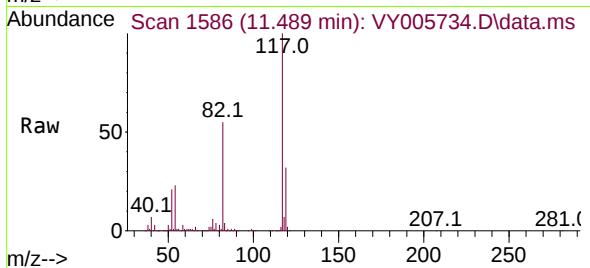




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005734.D
Acq: 18 Aug 2021 13:02

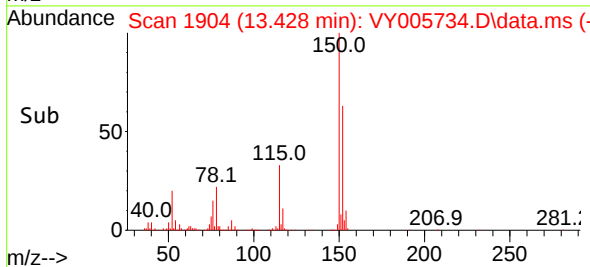
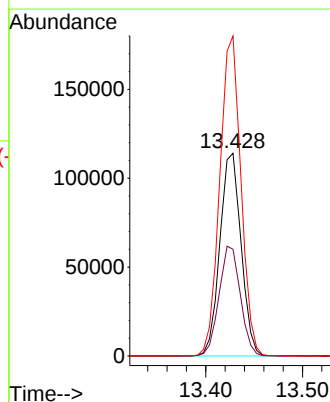
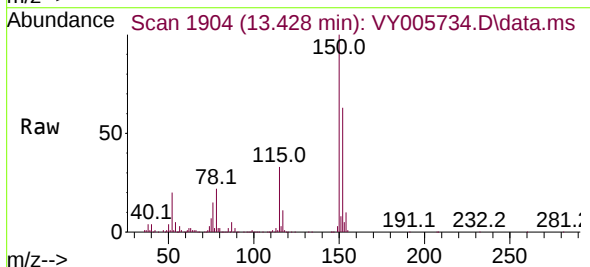
Instrument :
MSVOA_Y
ClientSampleId :

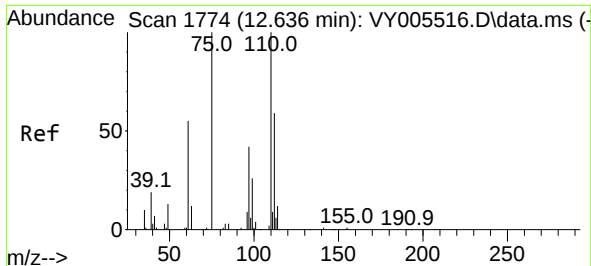
Tgt Ion:117 Resp: 339219
Ion Ratio Lower Upper
117 100
82 54.7 43.5 65.3
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005734.D
Acq: 18 Aug 2021 13:02

Tgt Ion:152 Resp: 173420
Ion Ratio Lower Upper
152 100
115 54.4 27.3 81.9
150 157.2 0.0 350.2

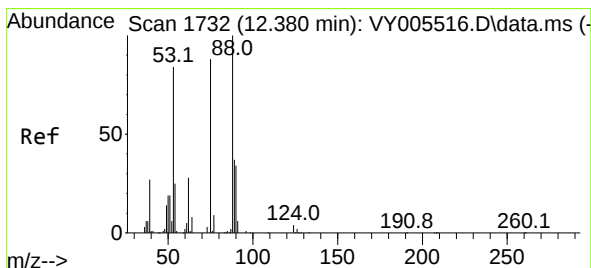
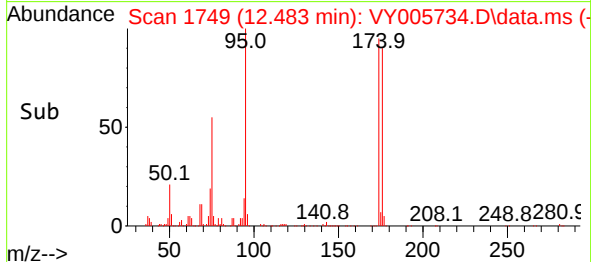
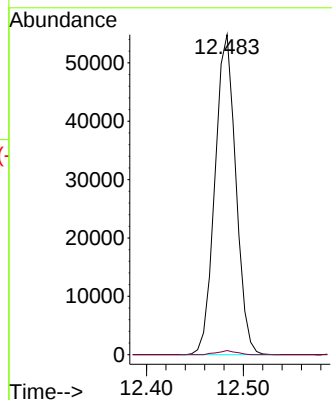
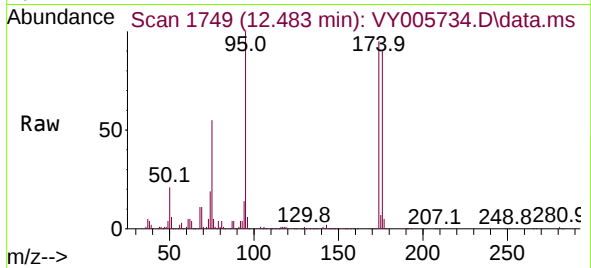




#76
1,2,3-Trichloropropane
Concen: 45.764 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005734.D
Acq: 18 Aug 2021 13:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 82244
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.254 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005734.D
Acq: 18 Aug 2021 13:02

Tgt Ion: 75 Resp: 82244
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.0 38.4 57.6#

