

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102821\
 Data File : VY006522.D
 Acq On : 28 Oct 2021 17:45
 Operator : SY/MD
 Sample : M4375-03RE
 Misc : 4.99G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 29 07:05:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

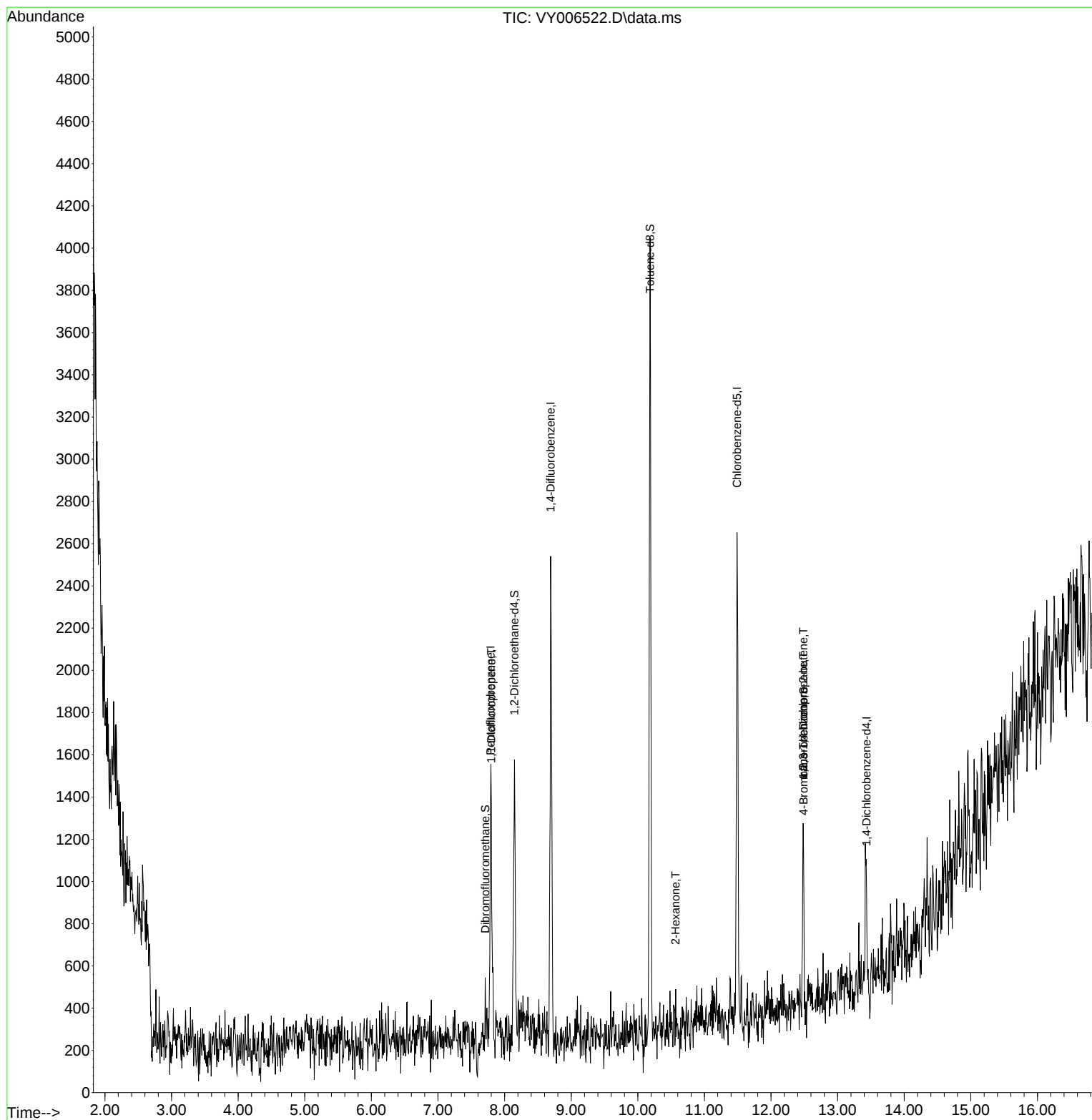
Internal Standards						
1) Pentafluorobenzene	7.789	168	1190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	2021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	1482	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	1081	73.820	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 147.640%	
35) Dibromofluoromethane	7.710	113	55	4.883	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 9.760%#	
50) Toluene-d8	10.185	98	2512	52.605	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.220%	
62) 4-Bromofluorobenzene	12.489	95	401	24.929	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 49.860%	
Target Compounds						Qvalue
20) Methylene Chloride	4.698	84	40	Below Cal	#	3
36) 1,1-Dichloropropene	7.801	75	23	1.152	ug/l #	42
59) 2-Hexanone	10.569	43	20	2.150	ug/l #	28
76) 1,2,3-Trichloropropane	12.483	75	185	81.604	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	185	167.530	ug/l #	7

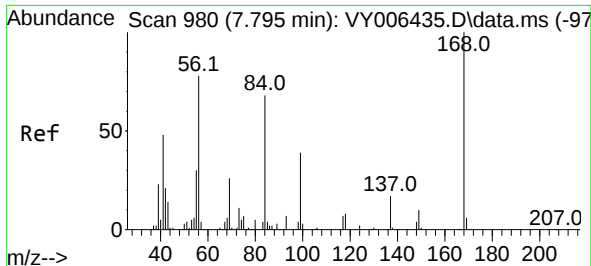
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

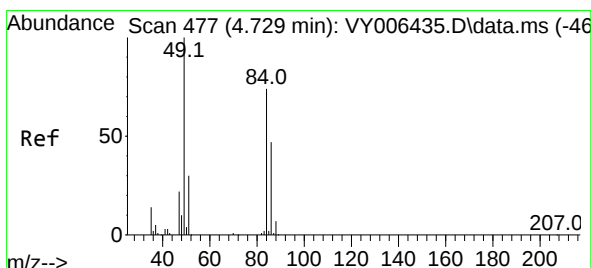
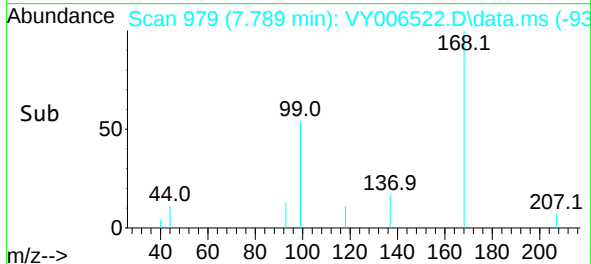
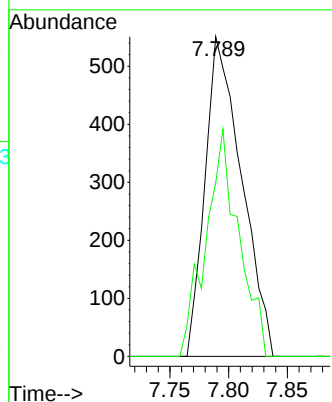
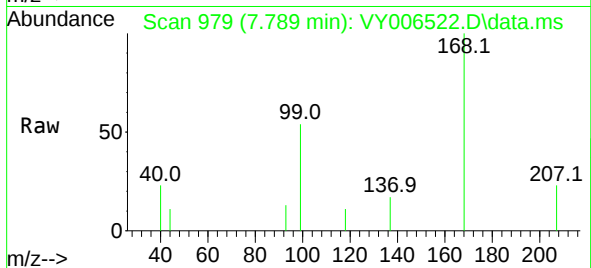




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY006522.D
Acq: 28 Oct 2021 17:45

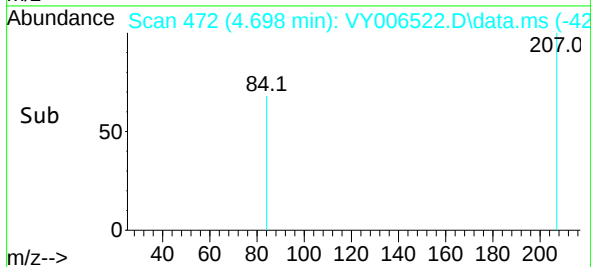
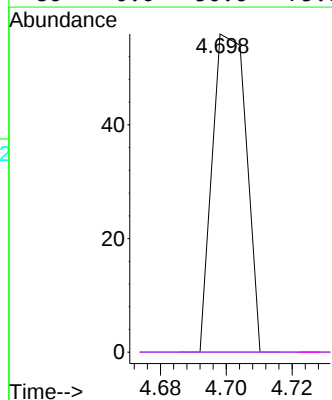
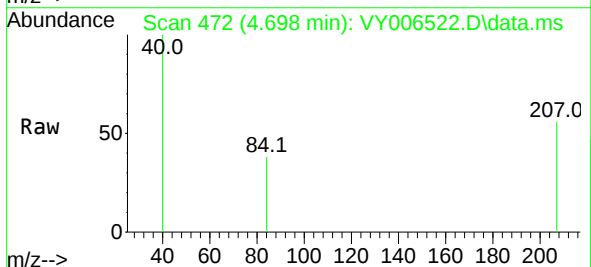
Instrument :
MSVOA_Y
ClientSampleId :

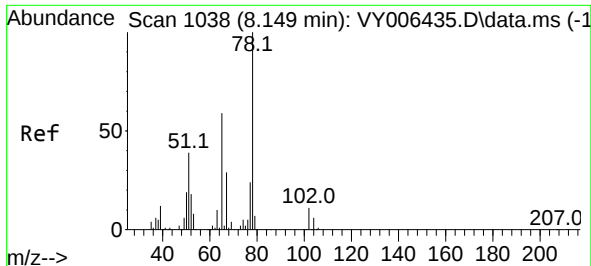
Tgt Ion:168 Resp: 1190
Ion Ratio Lower Upper
168 100
99 54.3 44.8 67.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 472
Delta R.T. -0.031 min
Lab File: VY006522.D
Acq: 28 Oct 2021 17:45

Tgt Ion: 84 Resp: 40
Ion Ratio Lower Upper
84 100
49 0.0 107.8 161.8#
51 0.0 32.8 49.2#
86 0.0 50.6 75.8#

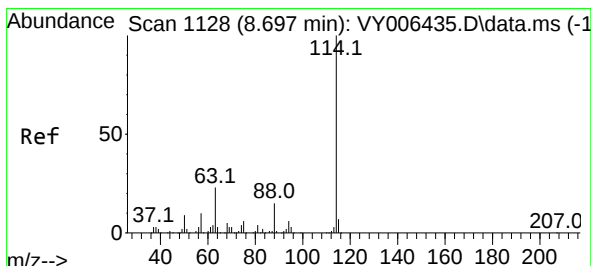
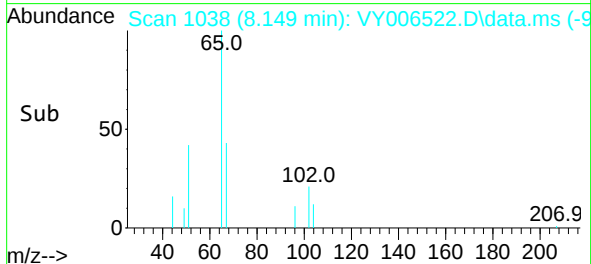
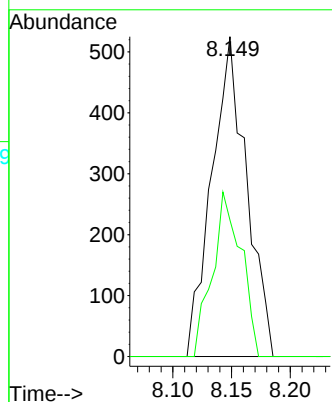
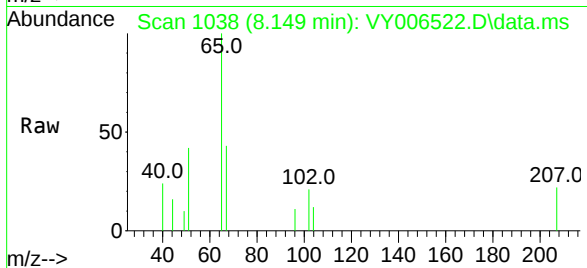




#33
1,2-Dichloroethane-d4
Concen: 73.820 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006522.D
Acq: 28 Oct 2021 17:45

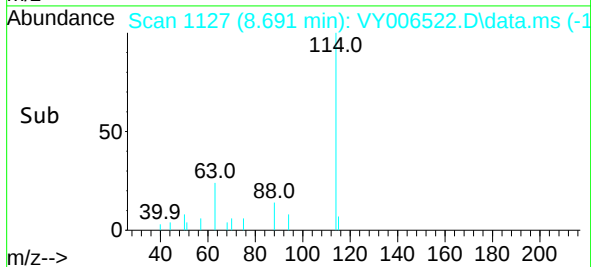
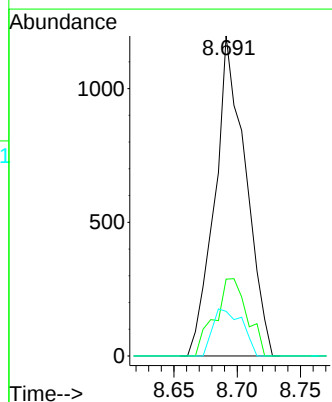
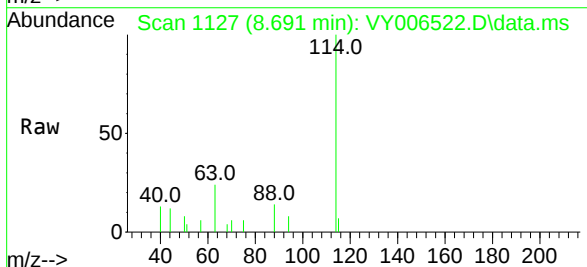
Instrument :
MSVOA_Y
ClientSampled :

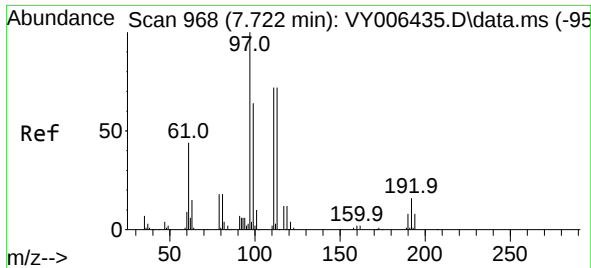
Tgt Ion: 65 Resp: 1081
Ion Ratio Lower Upper
65 100
67 42.6 0.0 98.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006522.D
Acq: 28 Oct 2021 17:45

Tgt Ion: 114 Resp: 2021
Ion Ratio Lower Upper
114 100
63 24.0 0.0 45.0
88 14.0 0.0 30.6

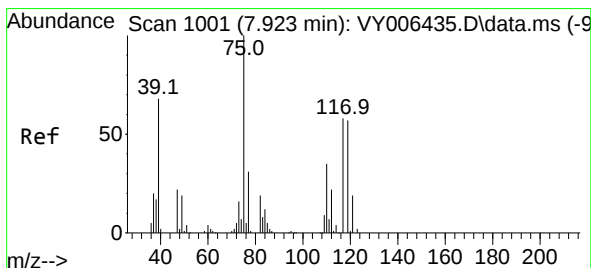
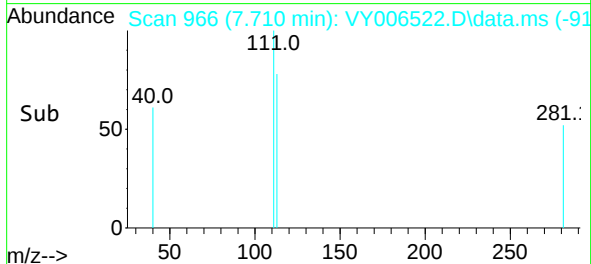
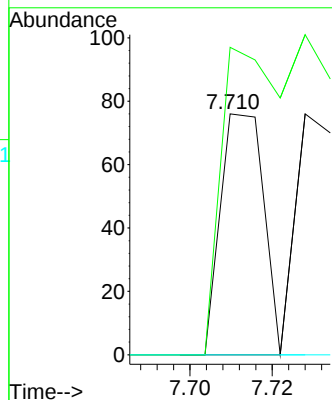
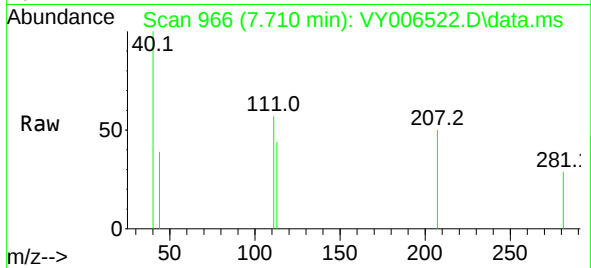




#35
Dibromofluoromethane
Concen: 4.883 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY006522.D
Acq: 28 Oct 2021 17:45

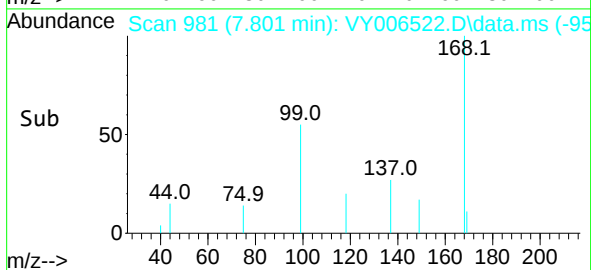
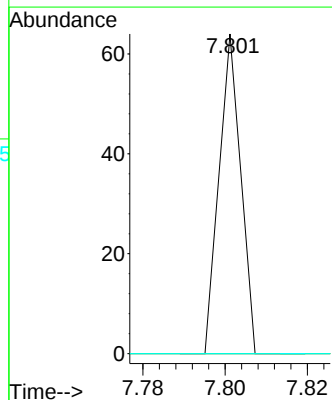
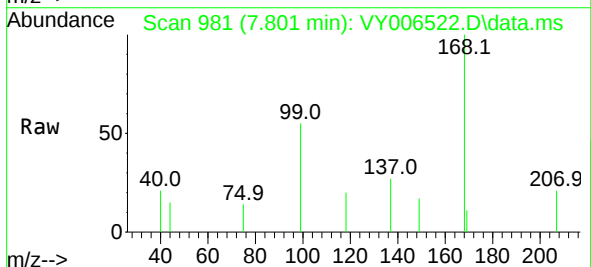
Instrument :
MSVOA_Y
ClientSampleId :

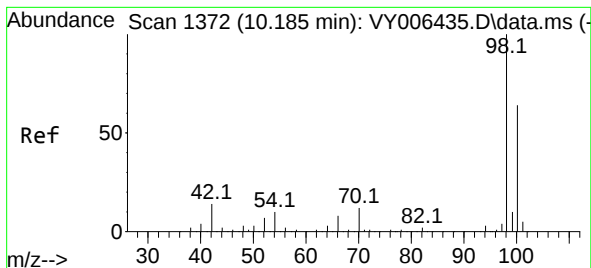
Tgt Ion:113 Resp: 55
Ion Ratio Lower Upper
113 100
111 0.0 82.3 123.5#
192 0.0 17.4 26.2#



#36
1,1-Dichloropropene
Concen: 1.152 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY006522.D
Acq: 28 Oct 2021 17:45

Tgt Ion: 75 Resp: 23
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.3#
77 0.0 24.9 37.3#

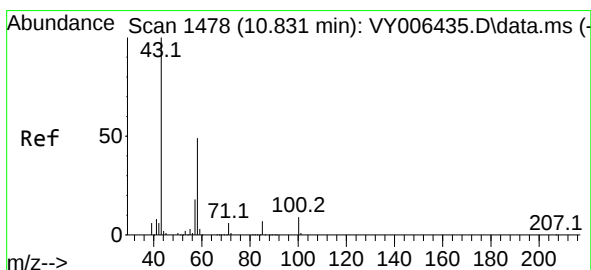
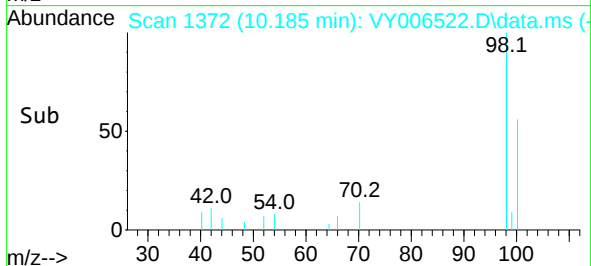
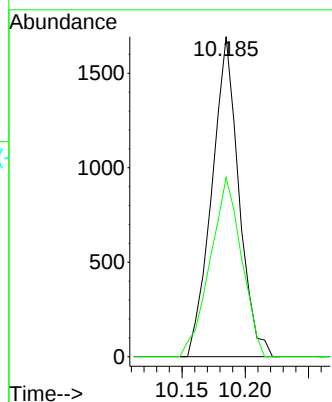
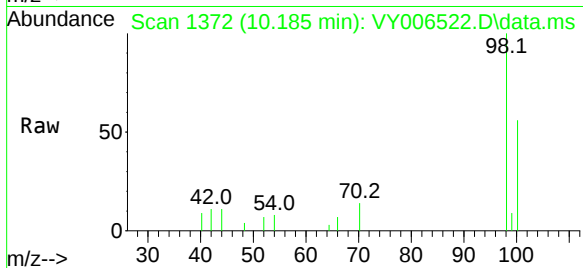




#50
Toluene-d8
Concen: 52.605 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006522.D
Acq: 28 Oct 2021 17:45

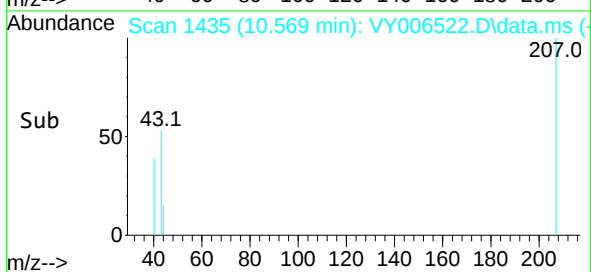
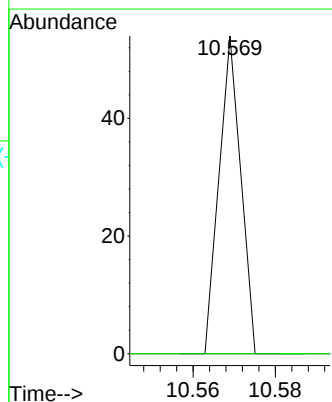
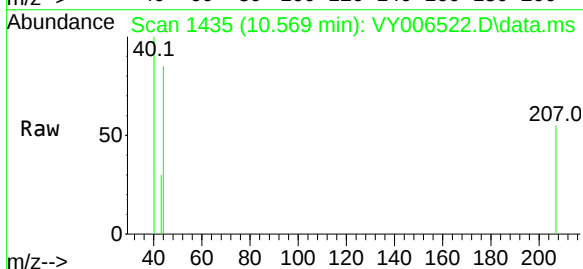
Instrument :
MSVOA_Y
ClientSampled :

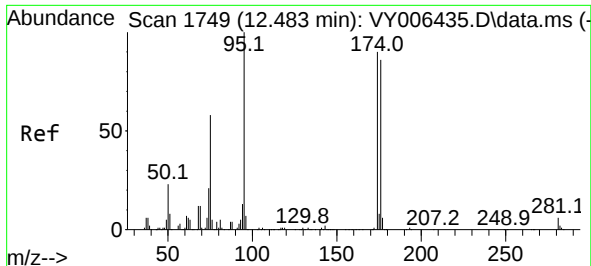
Tgt Ion: 98 Resp: 2512
Ion Ratio Lower Upper
98 100
100 65.0 50.9 76.3



#59
2-Hexanone
Concen: 2.150 ug/l
RT: 10.569 min Scan# 1435
Delta R.T. -0.262 min
Lab File: VY006522.D
Acq: 28 Oct 2021 17:45

Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#

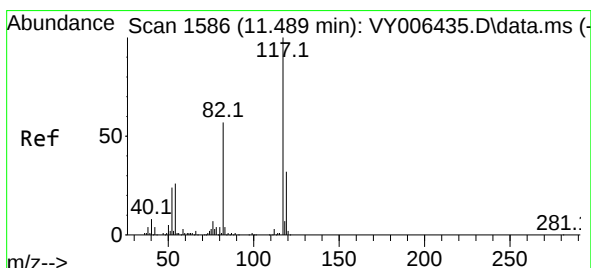
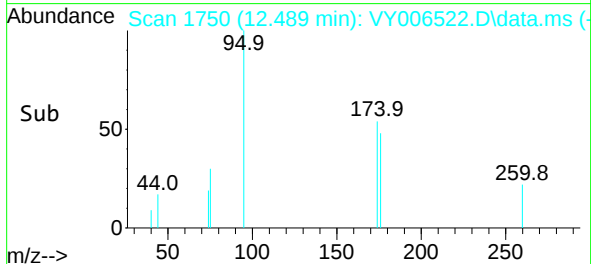
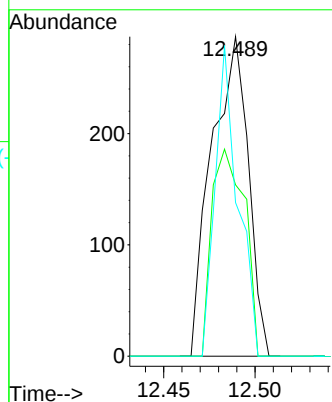
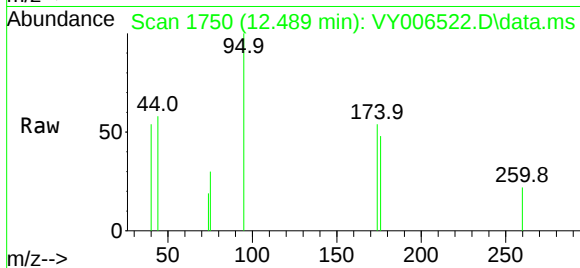




#62
4-Bromofluorobenzene
Concen: 24.929 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY006522.D
Acq: 28 Oct 2021 17:45

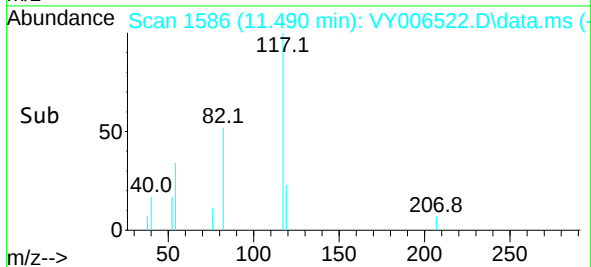
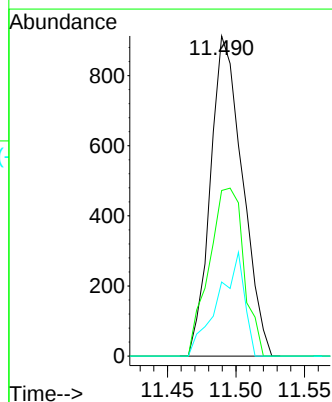
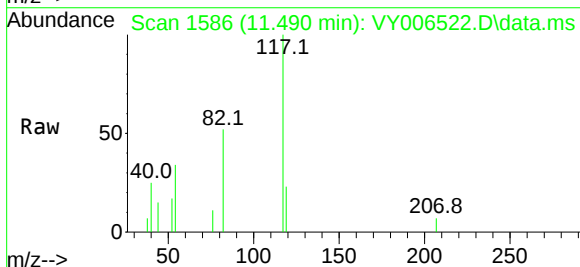
Instrument :
MSVOA_Y
ClientSampleId :

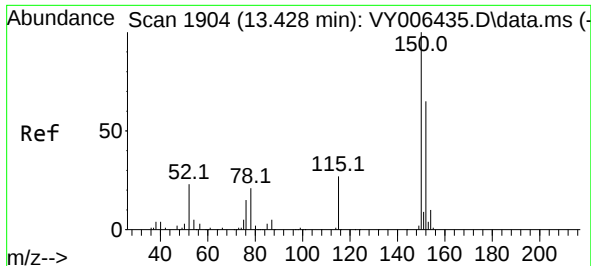
Tgt Ion: 95 Resp: 401
Ion Ratio Lower Upper
95 100
174 57.9 0.0 177.0
176 60.1 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY006522.D
Acq: 28 Oct 2021 17:45

Tgt Ion: 117 Resp: 1482
Ion Ratio Lower Upper
117 100
82 51.7 45.7 68.5
119 23.1 25.5 38.3

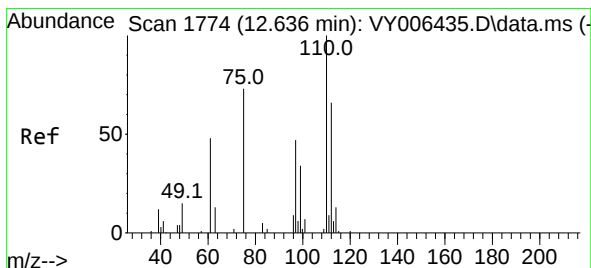
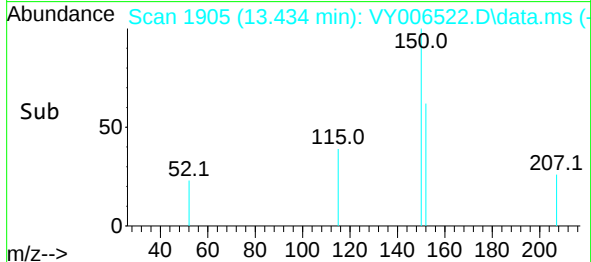
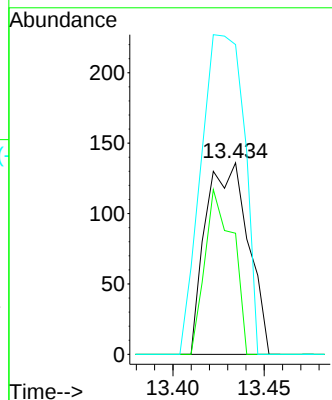
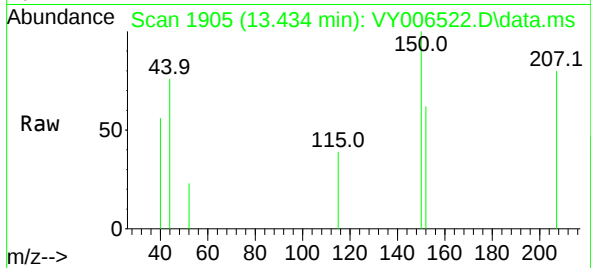




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY006522.D
 Acq: 28 Oct 2021 17:45

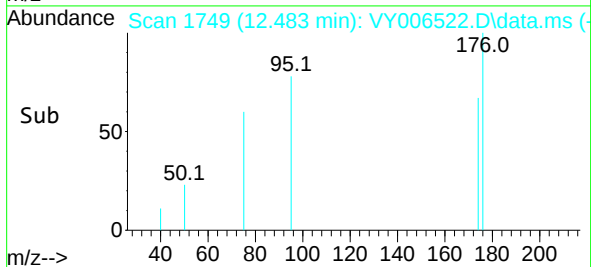
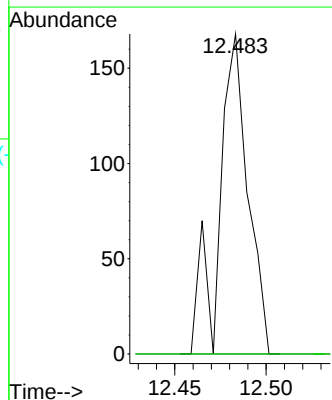
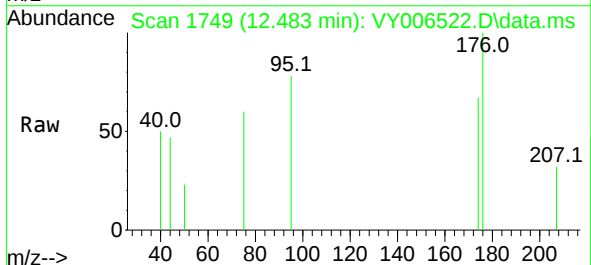
Instrument :
 MSVOA_Y
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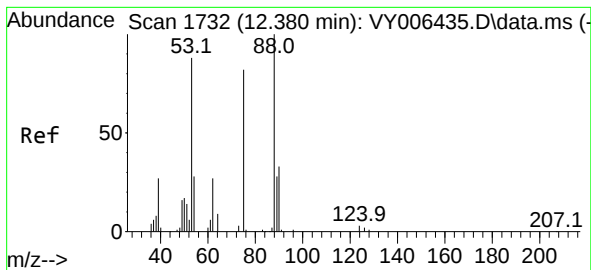
Tgt Ion:152 Resp: 220
 Ion Ratio Lower Upper
 152 100
 115 56.8 28.5 85.5
 150 170.0 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 81.604 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006522.D
 Acq: 28 Oct 2021 17:45

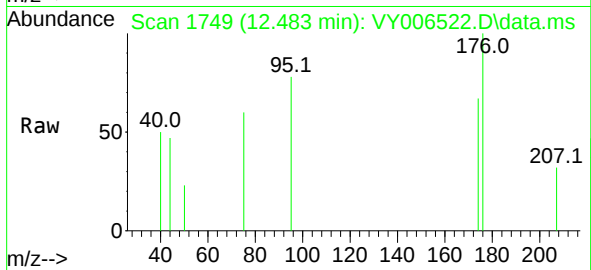
Tgt Ion: 75 Resp: 185
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 167.530 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006522.D
 Acq: 28 Oct 2021 17:45

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	185
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.8	128.6#
89	0.0	39.3	58.9#

