

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102821\
 Data File : VY006514.D
 Acq On : 28 Oct 2021 14:36
 Operator : SY/MD
 Sample : M4375-05
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 29 05:06:19 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)

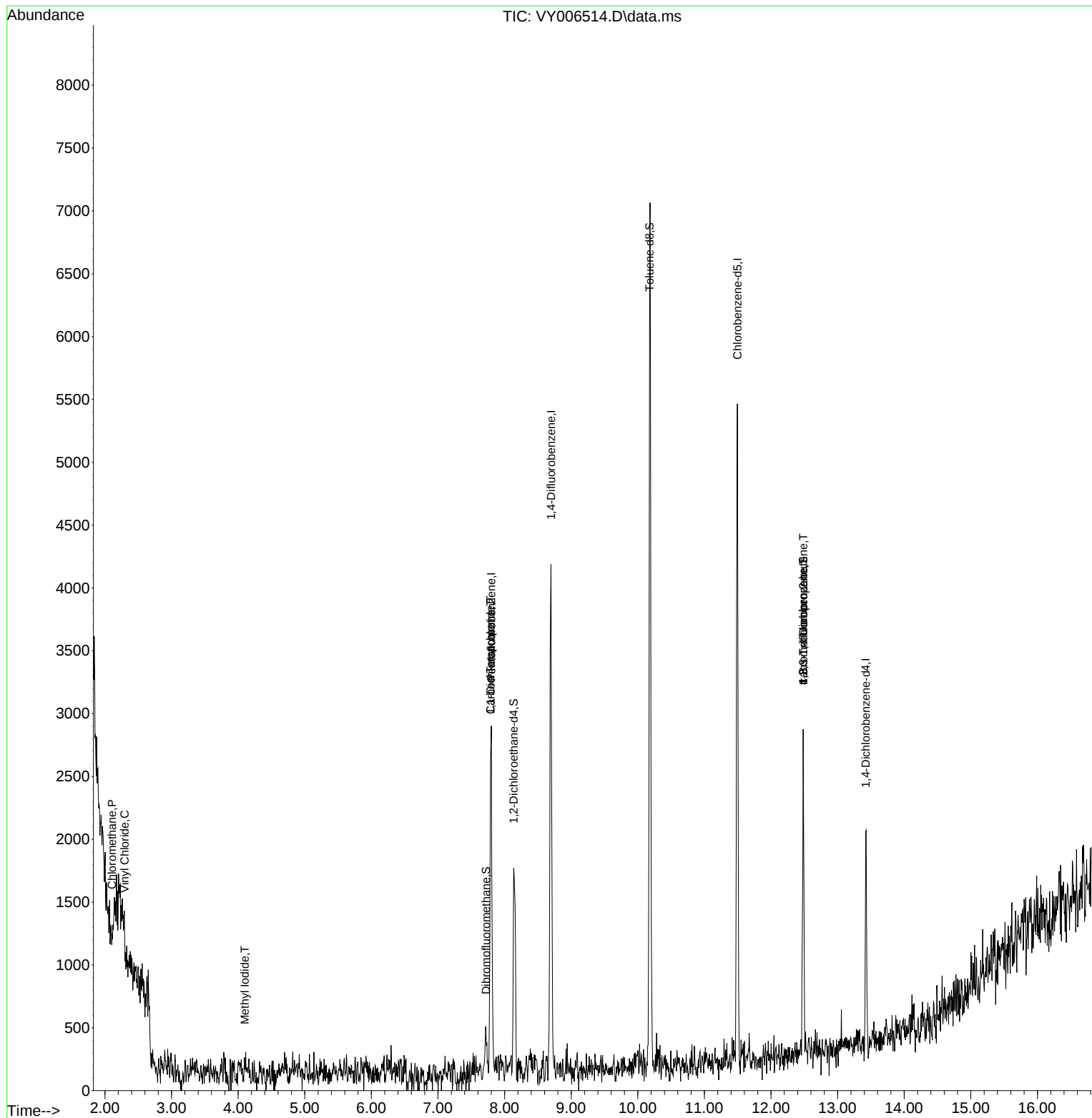
Internal Standards						
1) Pentafluorobenzene	7.801	168	2355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	3696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	2909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1420	49.000	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.000%
35) Dibromofluoromethane	7.722	113	203	9.854	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	19.700%#
50) Toluene-d8	10.179	98	4584	52.492	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.980%
62) 4-Bromofluorobenzene	12.483	95	796	27.059	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	54.120%
Target Compounds						Qvalue
3) Chloromethane	2.107	50	48	1.634	ug/l #	43
4) Vinyl Chloride	2.296	62	124	3.779	ug/l #	44
10) Methyl Iodide	4.101	142	82	8.237	ug/l #	36
36) 1,1-Dichloropropene	7.789	75	124	3.395	ug/l #	42
38) Carbon Tetrachloride	7.789	117	186	4.617	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	533	94.386	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	533	193.772	ug/l #	7

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

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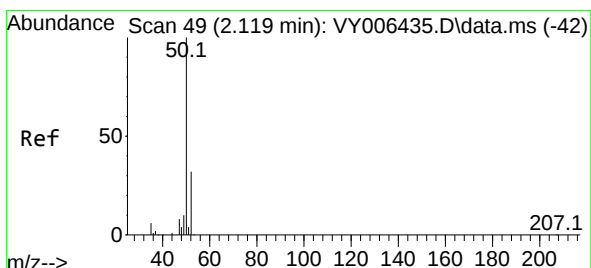
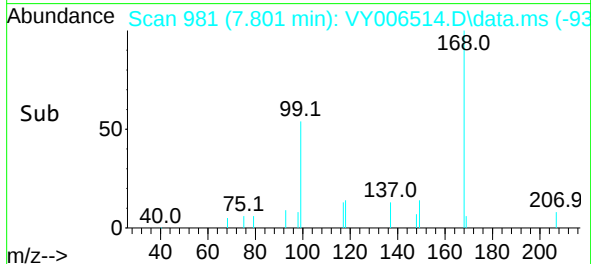
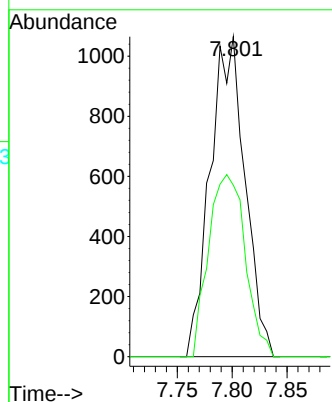
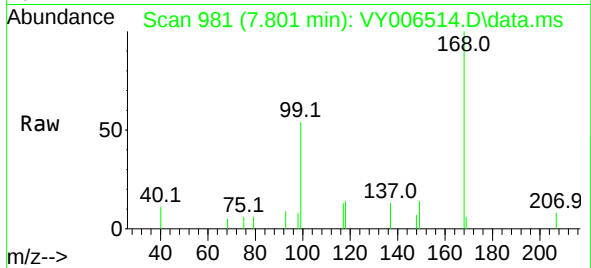




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006514.D
Acq: 28 Oct 2021 14:36

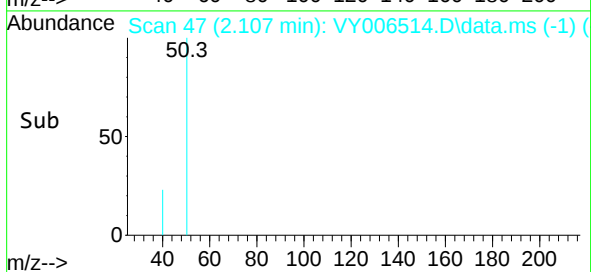
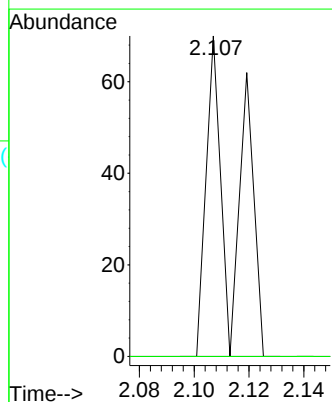
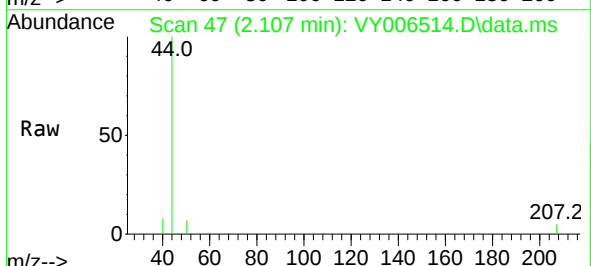
Instrument :
MSVOA_Y
ClientSampled :

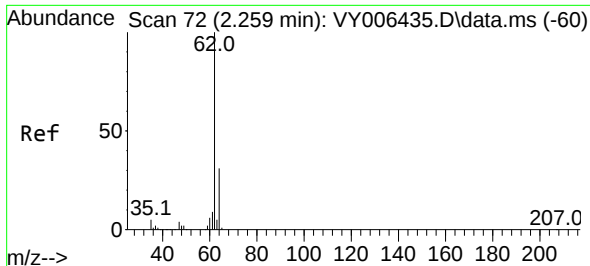
Tgt Ion:168 Resp: 2355
Ion Ratio Lower Upper
168 100
99 53.6 44.8 67.2



#3
Chloromethane
Concen: 1.634 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.012 min
Lab File: VY006514.D
Acq: 28 Oct 2021 14:36

Tgt Ion: 50 Resp: 48
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

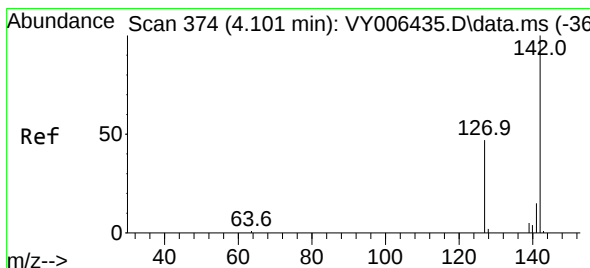
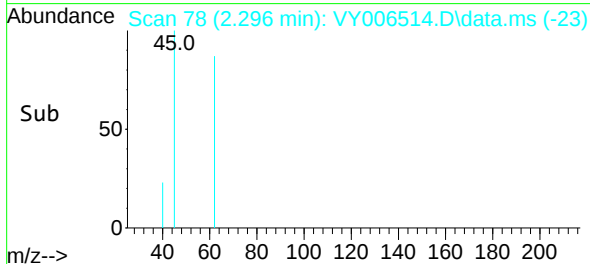
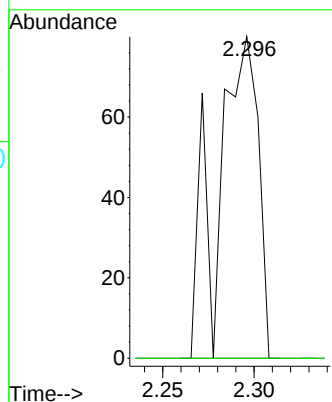
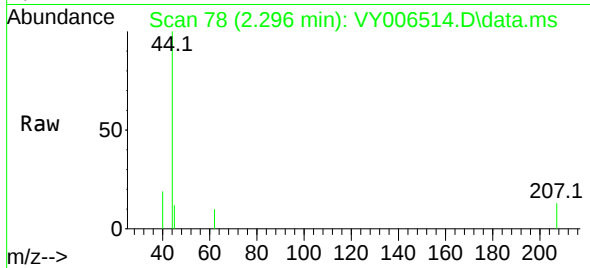




#4
 Vinyl Chloride
 Concen: 3.779 ug/l
 RT: 2.296 min Scan# 78
 Delta R.T. 0.037 min
 Lab File: VY006514.D
 Acq: 28 Oct 2021 14:36

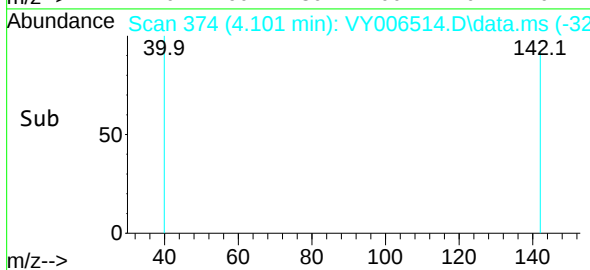
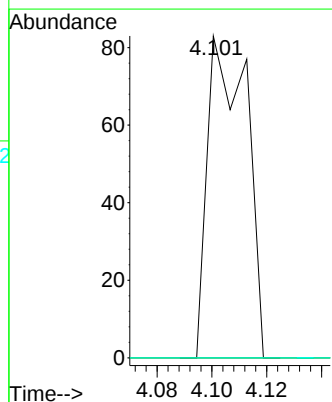
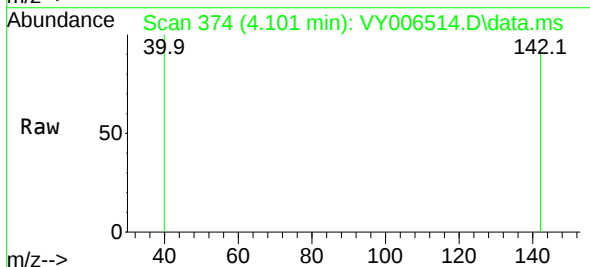
Instrument :
 MSVOA_Y
 ClientSampled :

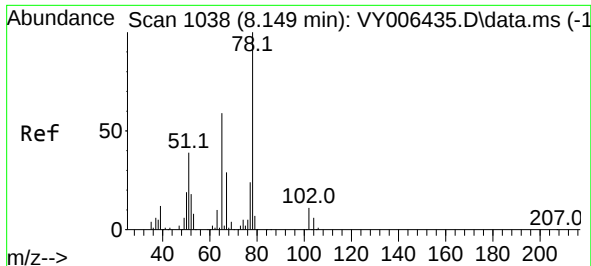
Tgt Ion: 62 Resp: 124
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.7 37.1#



#10
 Methyl Iodide
 Concen: 8.237 ug/l
 RT: 4.101 min Scan# 374
 Delta R.T. -0.000 min
 Lab File: VY006514.D
 Acq: 28 Oct 2021 14:36

Tgt Ion: 142 Resp: 82
 Ion Ratio Lower Upper
 142 100
 127 0.0 40.1 60.1#
 141 0.0 12.5 18.7#



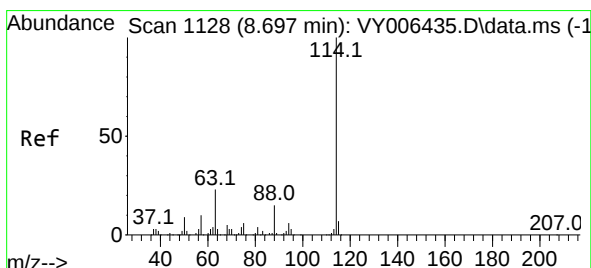
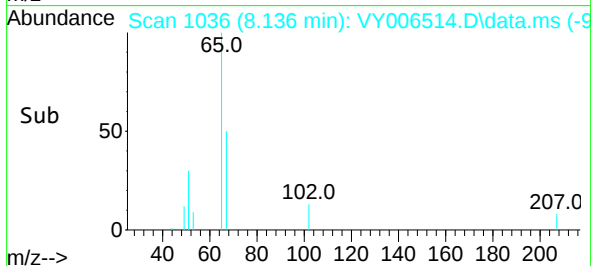
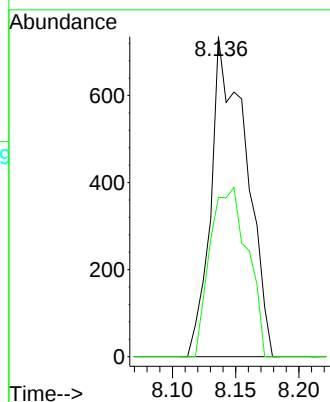
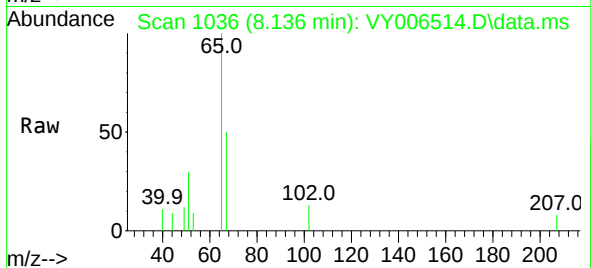


#33

1,2-Dichloroethane-d4
Concen: 49.000 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY006514.D
Acq: 28 Oct 2021 14:36

Instrument :
MSVOA_Y
ClientSampleId :

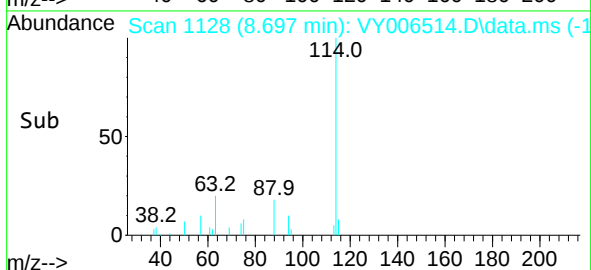
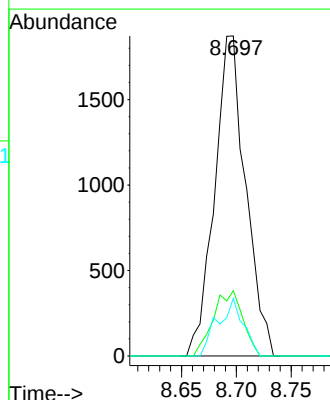
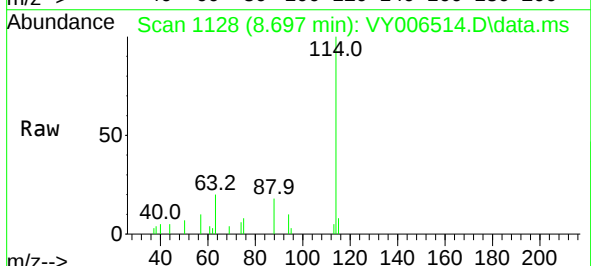
Tgt Ion: 65 Resp: 1420
Ion Ratio Lower Upper
65 100
67 56.5 0.0 98.2

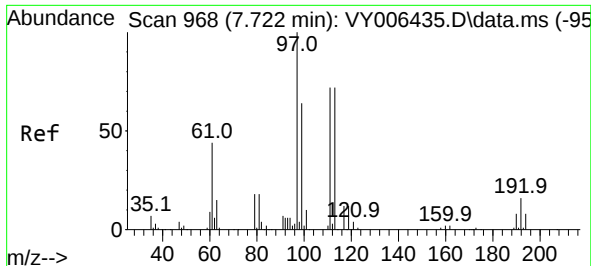


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006514.D
Acq: 28 Oct 2021 14:36

Tgt Ion: 114 Resp: 3696
Ion Ratio Lower Upper
114 100
63 20.4 0.0 45.0
88 17.9 0.0 30.6

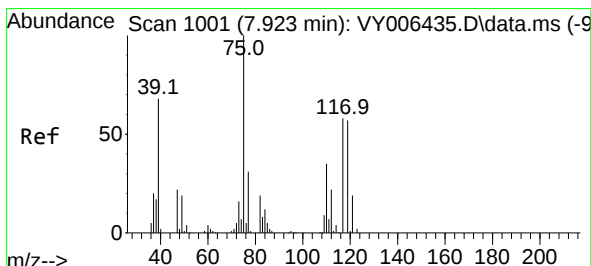
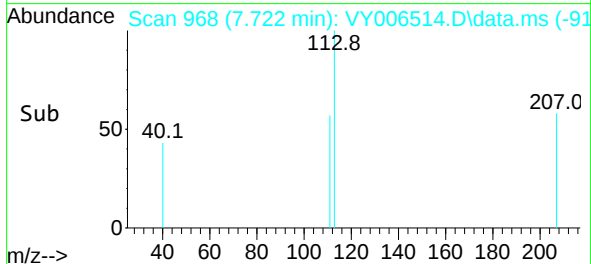
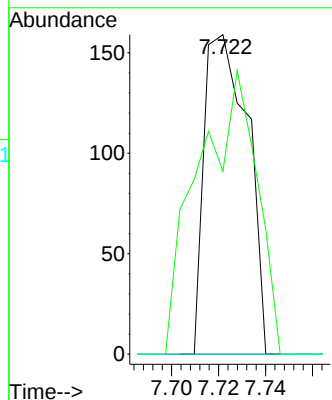
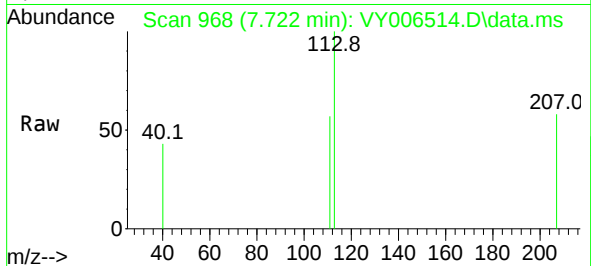




#35
Dibromofluoromethane
Concen: 9.854 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY006514.D
Acq: 28 Oct 2021 14:36

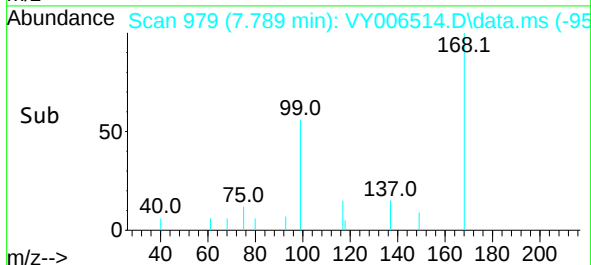
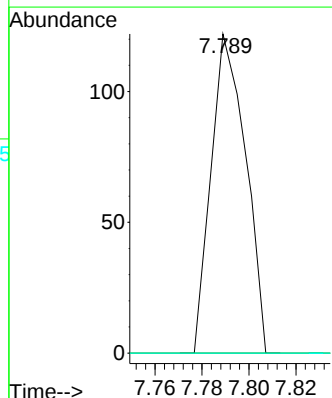
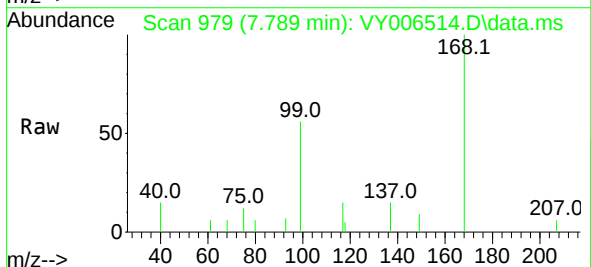
Instrument :
MSVOA_Y
ClientSampleId :

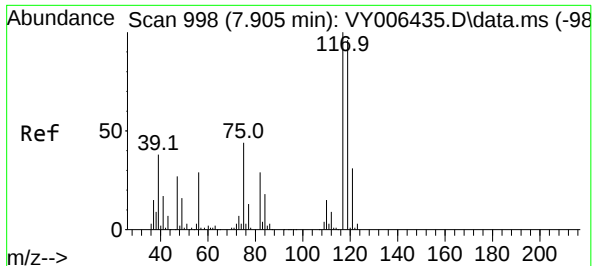
Tgt Ion:113 Resp: 203
Ion Ratio Lower Upper
113 100
111 120.2 82.3 123.5
192 0.0 17.4 26.2#



#36
1,1-Dichloropropene
Concen: 3.395 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY006514.D
Acq: 28 Oct 2021 14:36

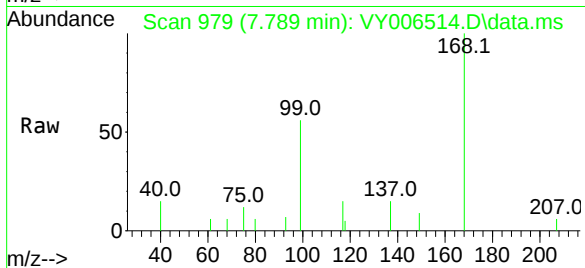
Tgt Ion: 75 Resp: 124
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.3#
77 0.0 24.9 37.3#



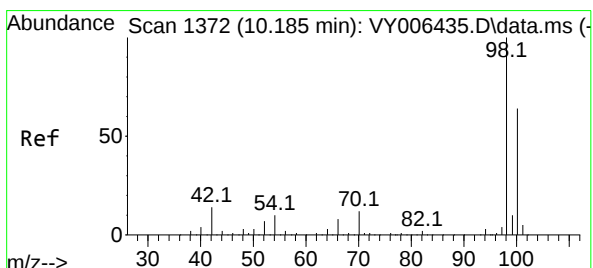
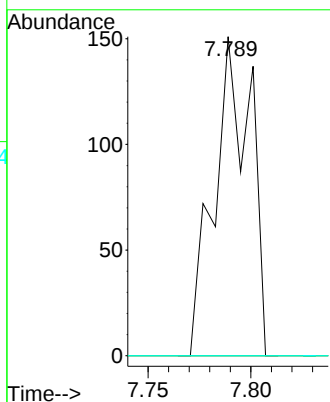
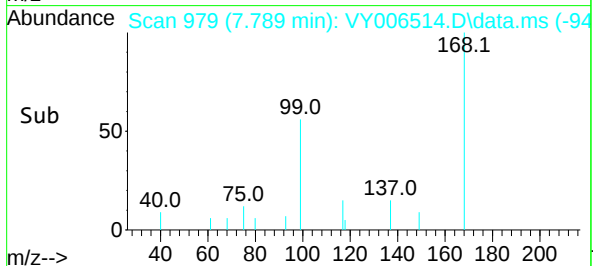


#38
Carbon Tetrachloride
Concen: 4.617 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY006514.D
Acq: 28 Oct 2021 14:36

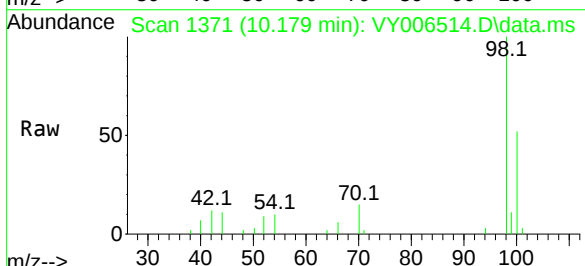
Instrument :
MSVOA_Y
ClientSampleId :



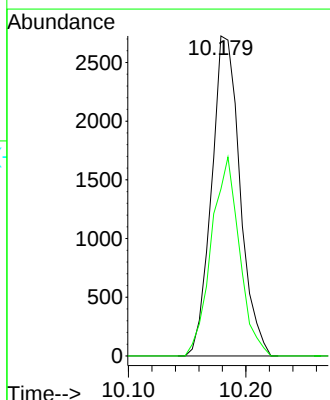
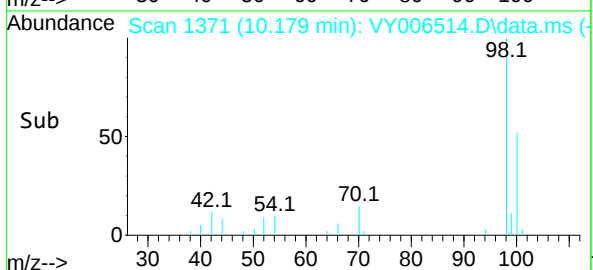
Tgt Ion:117 Resp: 186
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 24.7 37.1#

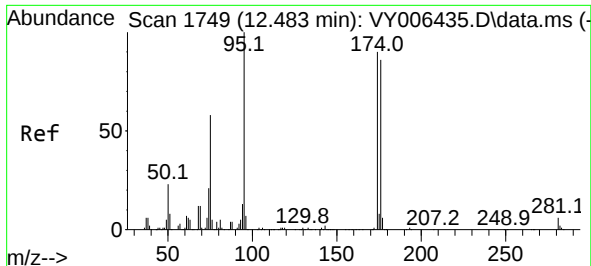


#50
Toluene-d8
Concen: 52.492 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006514.D
Acq: 28 Oct 2021 14:36



Tgt Ion: 98 Resp: 4584
Ion Ratio Lower Upper
98 100
100 61.6 50.9 76.3

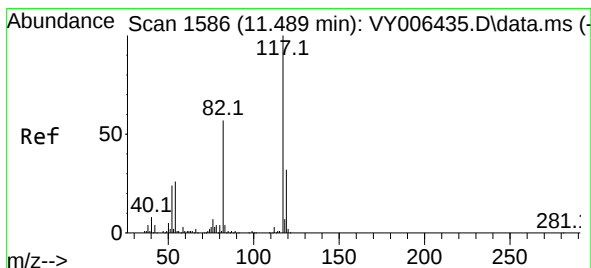
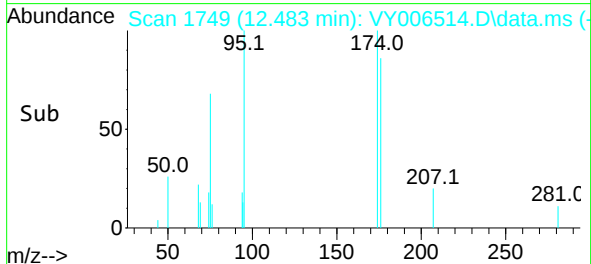
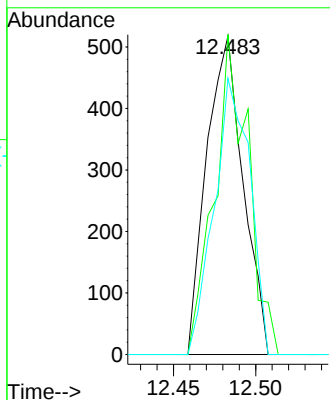
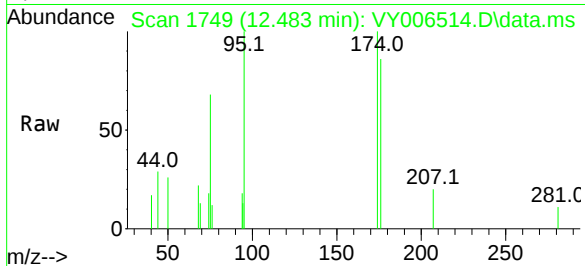




#62
4-Bromofluorobenzene
Concen: 27.059 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006514.D
Acq: 28 Oct 2021 14:36

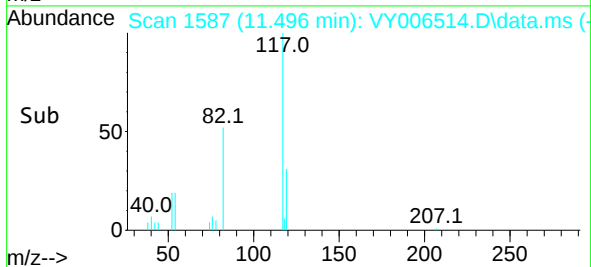
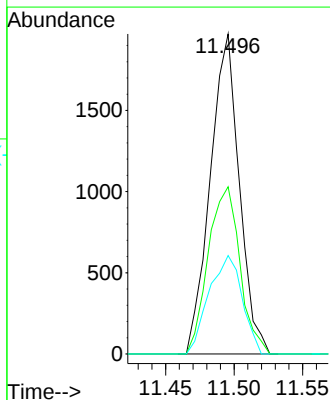
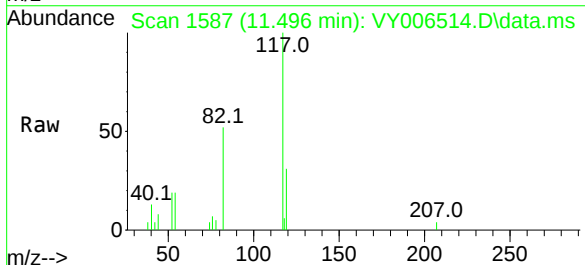
Instrument :
MSVOA_Y
ClientSampleId :

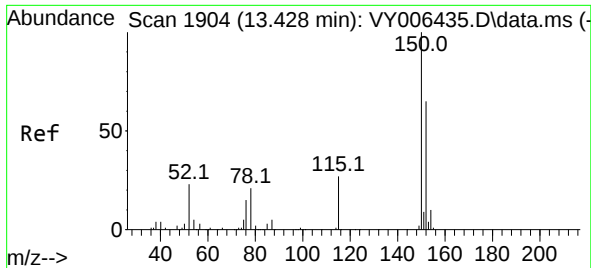
Tgt Ion:	95	Resp:	796
Ion	Ratio	Lower	Upper
95	100		
174	92.7	0.0	177.0
176	85.1	0.0	169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006514.D
Acq: 28 Oct 2021 14:36

Tgt Ion:	117	Resp:	2909
Ion	Ratio	Lower	Upper
117	100		
82	52.3	45.7	68.5
119	30.7	25.5	38.3

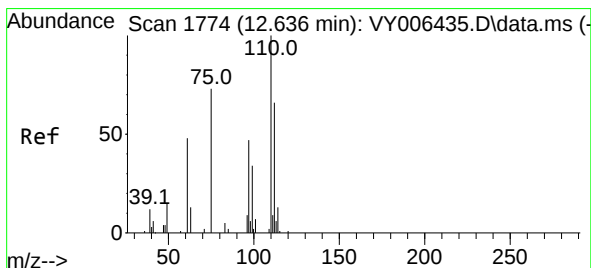
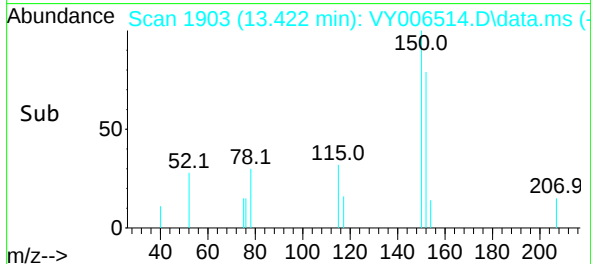
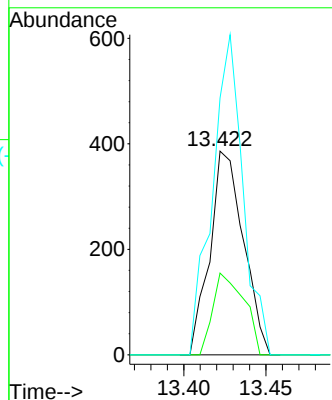
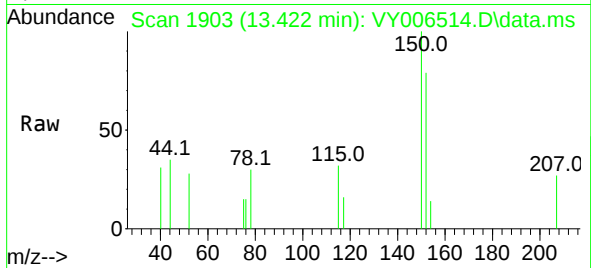




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY006514.D
 Acq: 28 Oct 2021 14:36

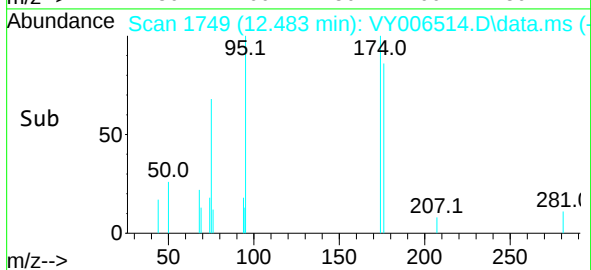
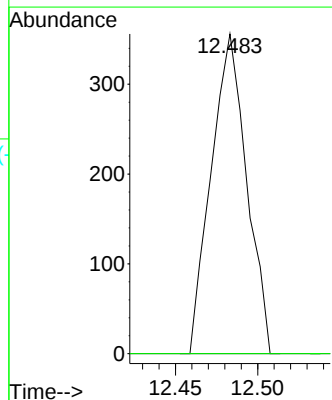
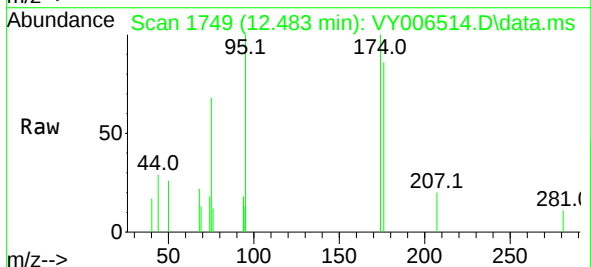
Instrument :
 MSVOA_Y
 ClientSampleId :

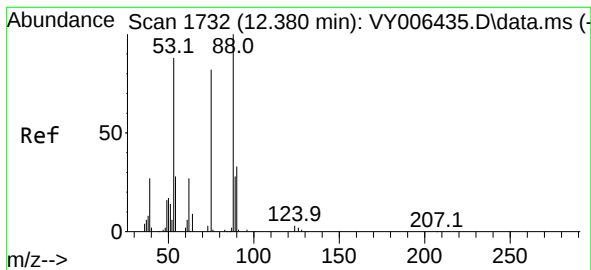
Tgt Ion:152 Resp: 548
 Ion Ratio Lower Upper
 152 100
 115 37.2 28.5 85.5
 150 143.8 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 94.386 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006514.D
 Acq: 28 Oct 2021 14:36

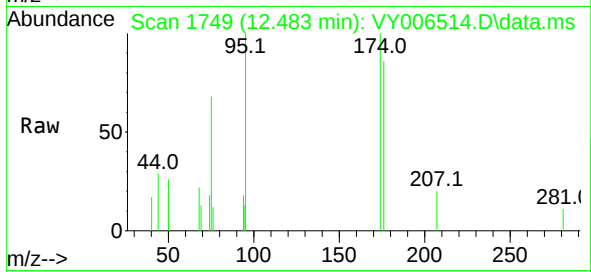
Tgt Ion: 75 Resp: 533
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 193.772 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006514.D
 Acq: 28 Oct 2021 14:36

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	533
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.8	128.6#
89	0.0	39.3	58.9#

