

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102521\
 Data File : VY006460.D
 Acq On : 25 Oct 2021 12:42
 Operator : SY/MD
 Sample : M4313-01
 Misc : 5.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 02:42:51 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)

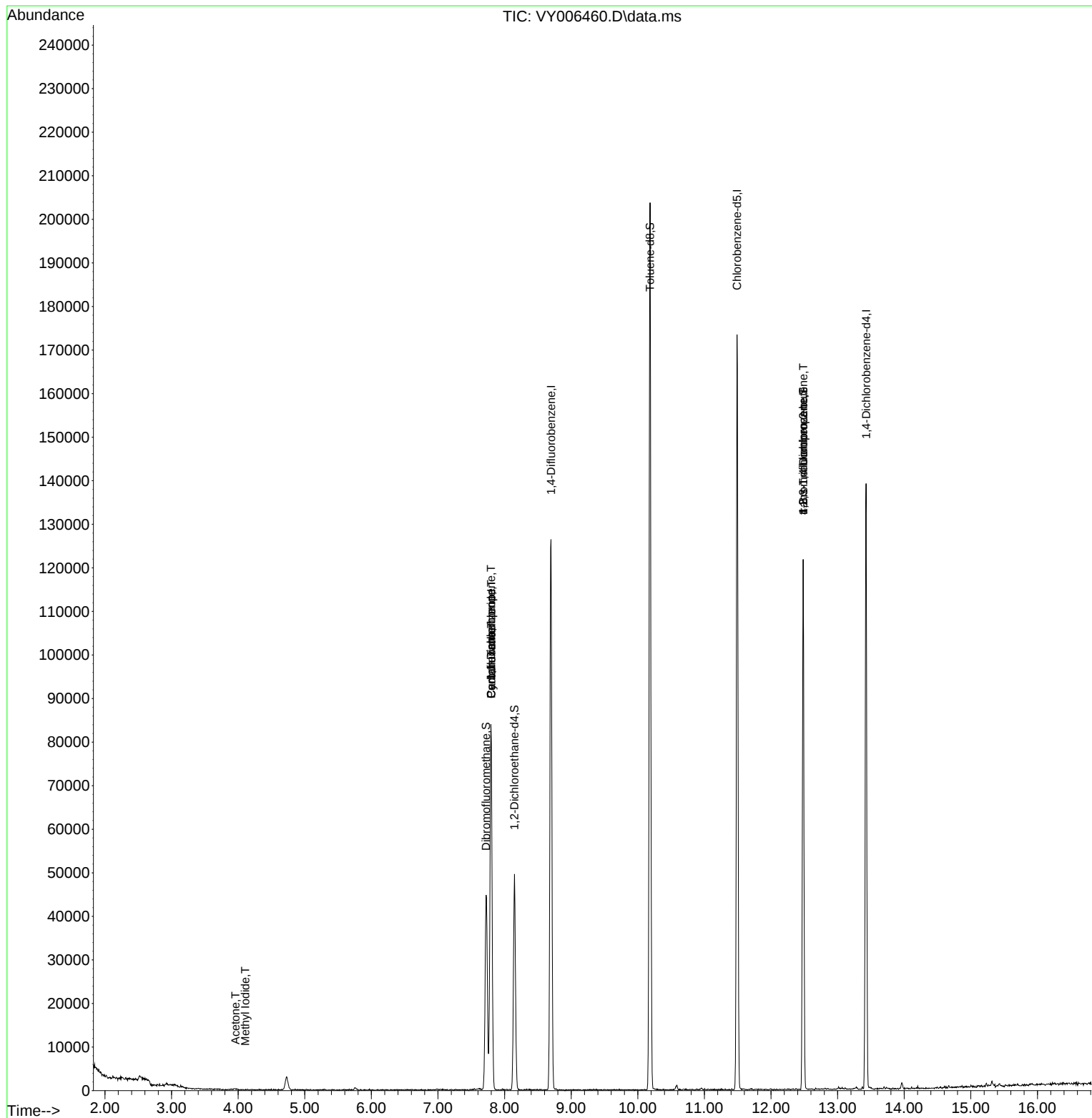
Internal Standards						
1) Pentafluorobenzene	7.801	168	64339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	103763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	87856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	34224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	39125	49.417	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.840%
35) Dibromofluoromethane	7.722	113	29753	51.445	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.900%
50) Toluene-d8	10.185	98	129960	53.008	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.020%
62) 4-Bromofluorobenzene	12.483	95	33372	40.408	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.820%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	125	5.237	ug/l #	36
16) Acetone	3.960	43	484	2.123	ug/l #	46
20) Methylene Chloride	4.735	84	2193	Below Cal	#	86
31) Cyclohexane	7.801	56	1569	1.224	ug/l #	38
36) 1,1-Dichloropropene	7.795	75	5254	5.125	ug/l #	53
38) Carbon Tetrachloride	7.801	117	6325	5.592	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	18999	53.872	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	18999	110.597	ug/l #	7

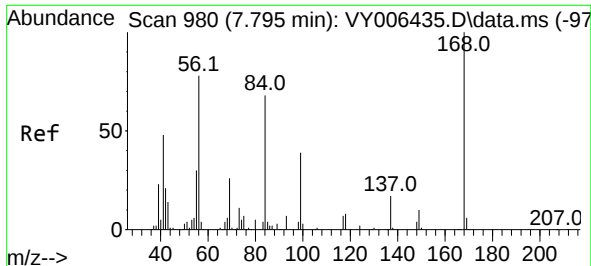
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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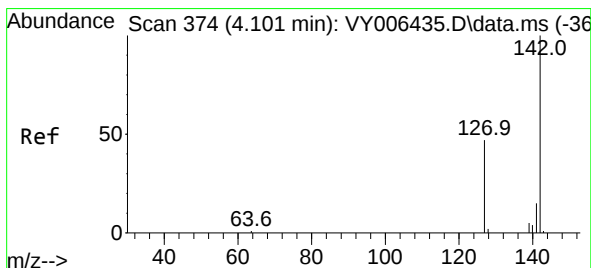
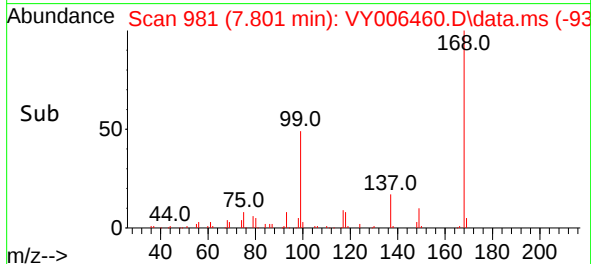
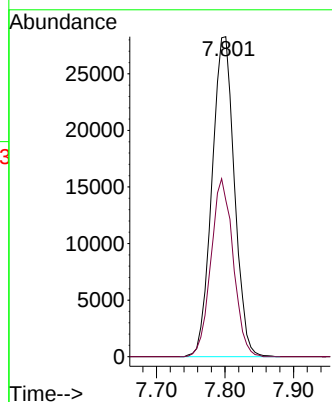
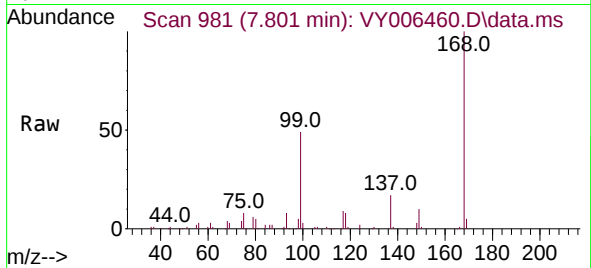




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006460.D
Acq: 25 Oct 2021 12:42

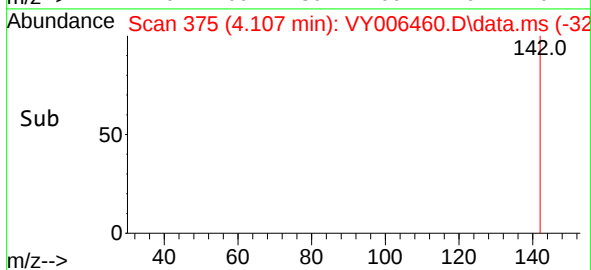
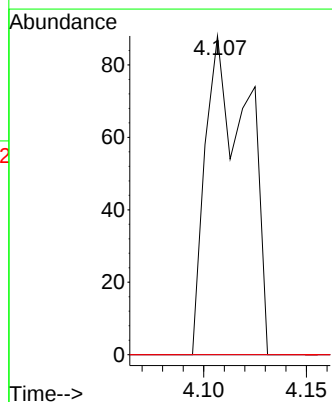
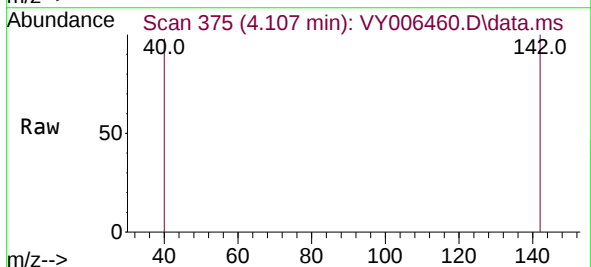
Instrument :
MSVOA_Y
ClientSampled :

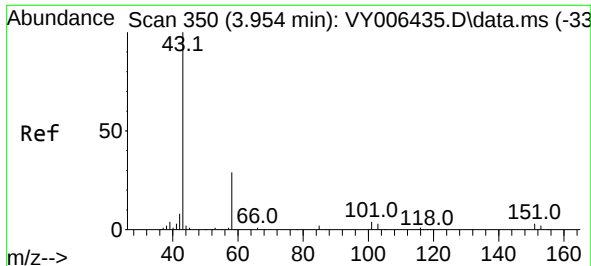
Tgt Ion:168 Resp: 64339
Ion Ratio Lower Upper
168 100
99 48.9 44.8 67.2



#10
Methyl Iodide
Concen: 5.237 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY006460.D
Acq: 25 Oct 2021 12:42

Tgt Ion:142 Resp: 125
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#

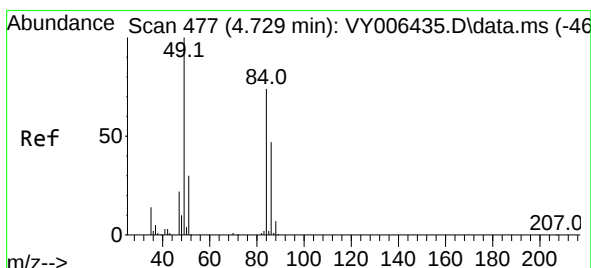
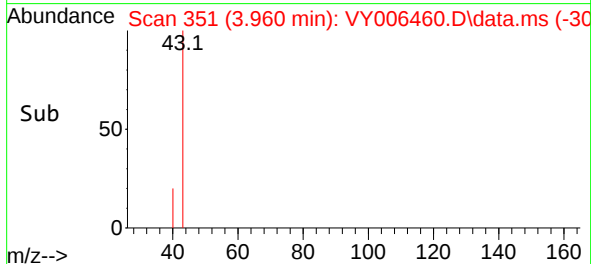
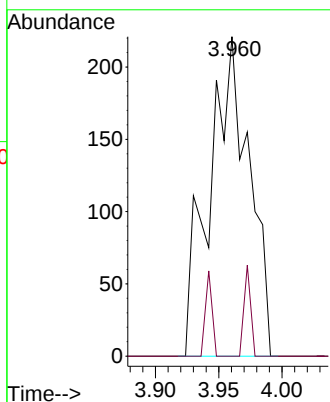
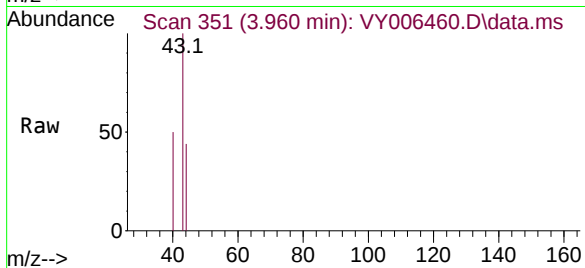




#16
Acetone
Concen: 2.123 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006460.D
Acq: 25 Oct 2021 12:42

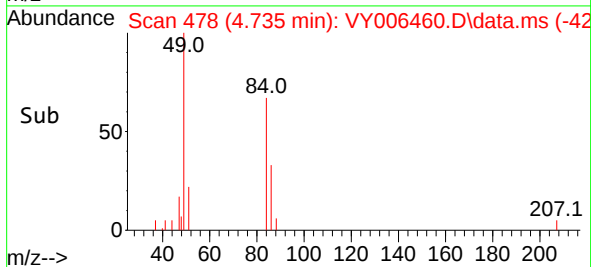
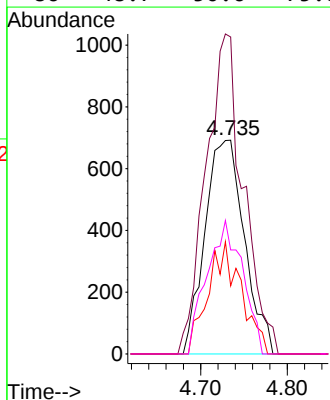
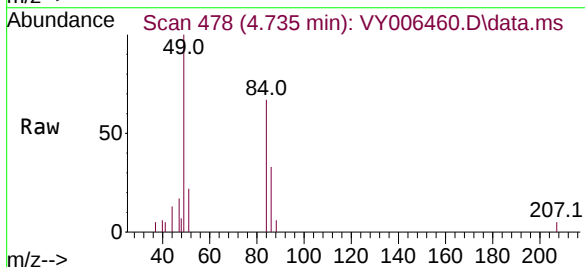
Instrument :
MSVOA_Y
ClientSampled :

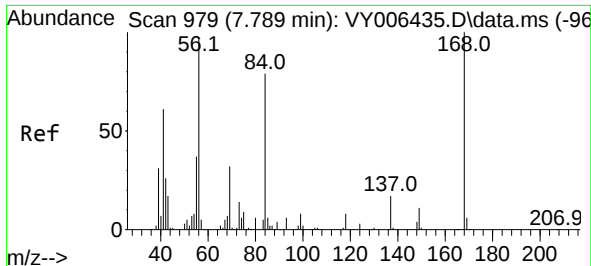
Tgt Ion: 43 Resp: 484
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY006460.D
Acq: 25 Oct 2021 12:42

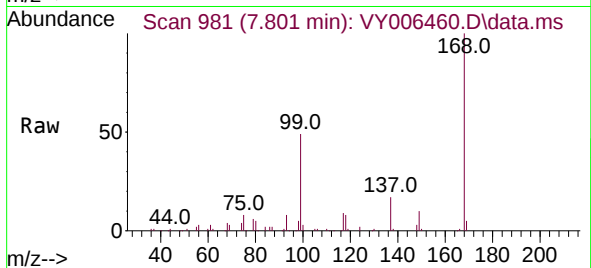
Tgt Ion: 84 Resp: 2193
Ion Ratio Lower Upper
84 100
49 148.3 107.8 161.8
51 31.9 32.8 49.2#
86 48.7 50.6 75.8#



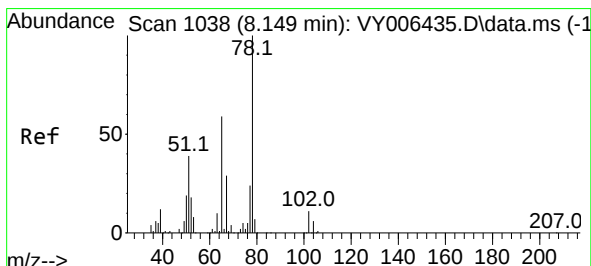
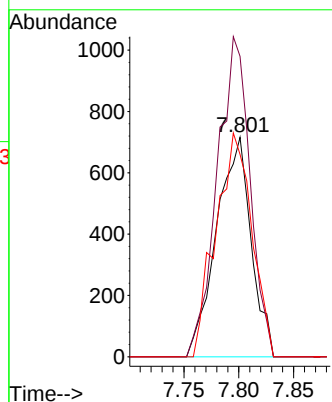
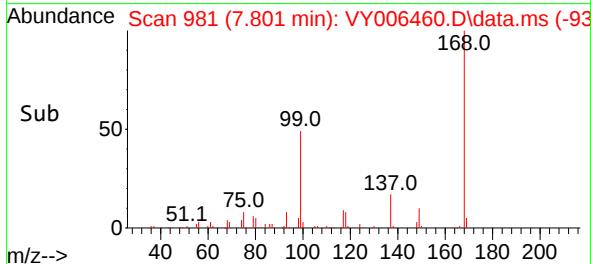


#31
Cyclohexane
Concen: 1.224 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006460.D
Acq: 25 Oct 2021 12:42

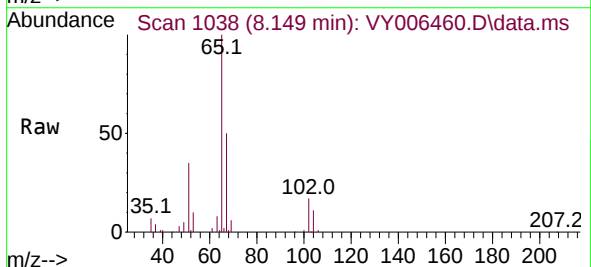
Instrument :
MSVOA_Y
ClientSampleId :



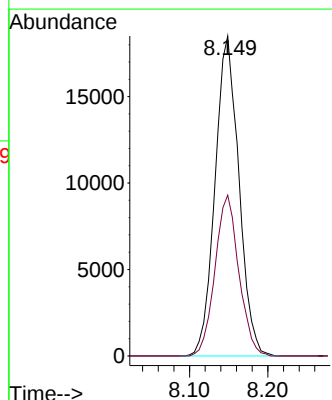
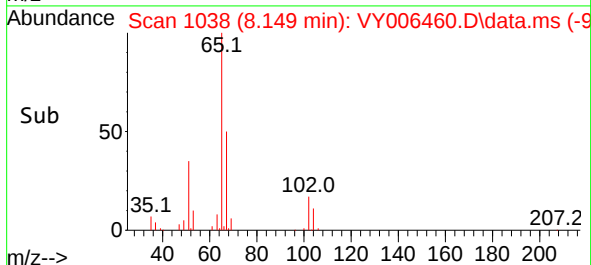
Tgt Ion: 56 Resp: 1569
Ion Ratio Lower Upper
56 100
69 136.9 26.6 40.0#
84 92.2 65.0 97.4

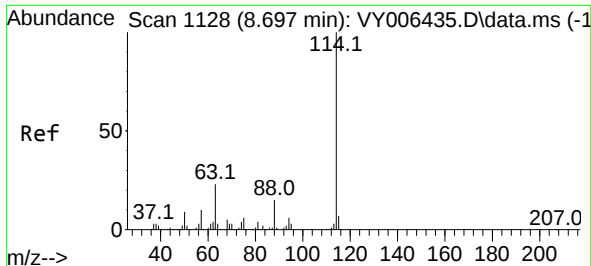


#33
1,2-Dichloroethane-d4
Concen: 49.417 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006460.D
Acq: 25 Oct 2021 12:42



Tgt Ion: 65 Resp: 39125
Ion Ratio Lower Upper
65 100
67 50.2 0.0 98.2

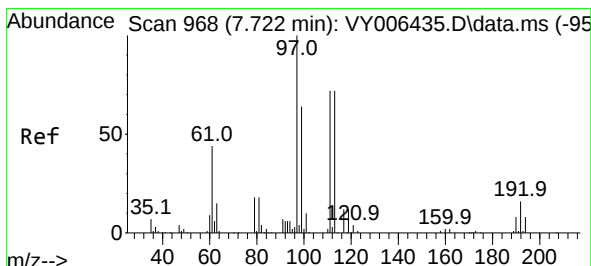
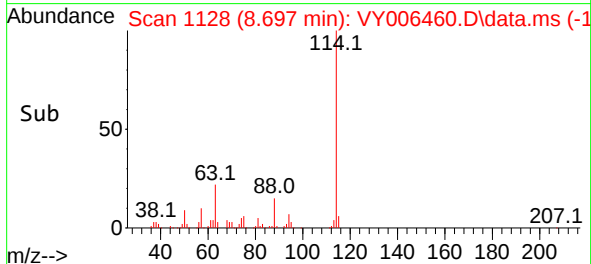
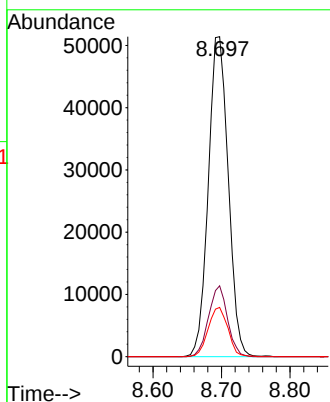
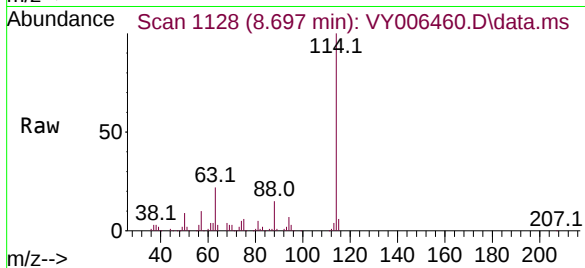




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006460.D
Acq: 25 Oct 2021 12:42

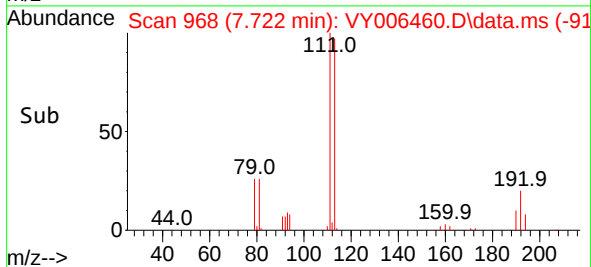
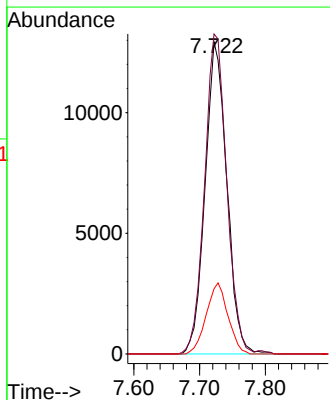
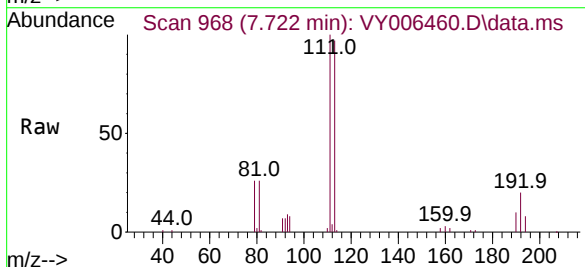
Instrument :
MSVOA_Y
ClientSampled :

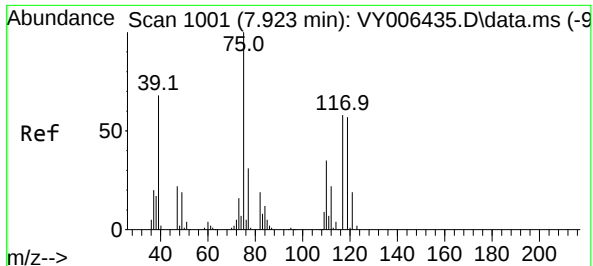
Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	45.0
88	15.4	0.0	30.6



#35
Dibromofluoromethane
Concen: 51.445 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006460.D
Acq: 25 Oct 2021 12:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.3	123.5
192	22.7	17.4	26.2





#36

1,1-Dichloropropene

Concen: 5.125 ug/l

RT: 7.795 min Scan# 980

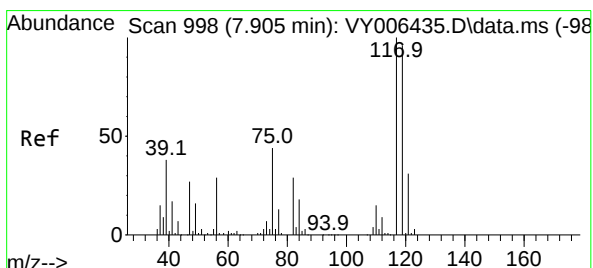
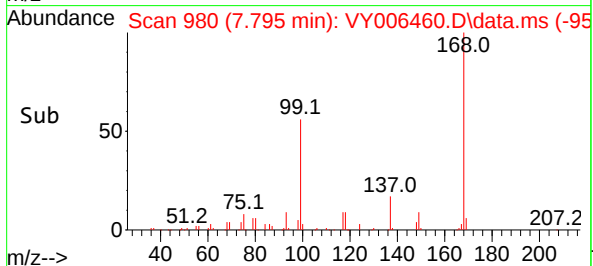
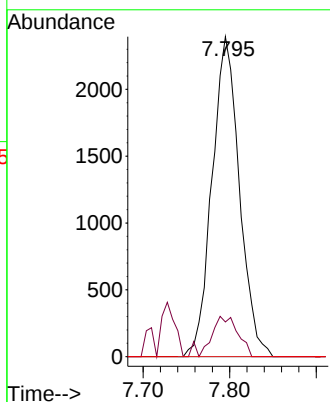
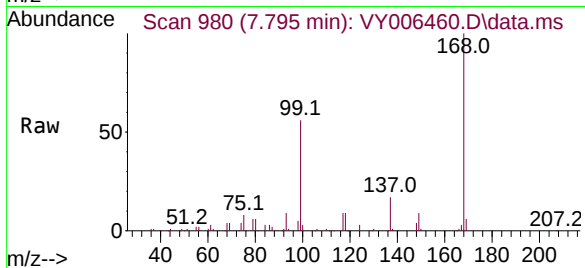
Delta R.T. -0.128 min

Lab File: VY006460.D

Acq: 25 Oct 2021 12:42

Tgt Ion:	75	Resp:	5254
Ion	Ratio	Lower	Upper
75	100		
110	11.7	17.1	51.3#
77	0.0	24.9	37.3#

Instrument :
MSVOA_Y
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.592 ug/l

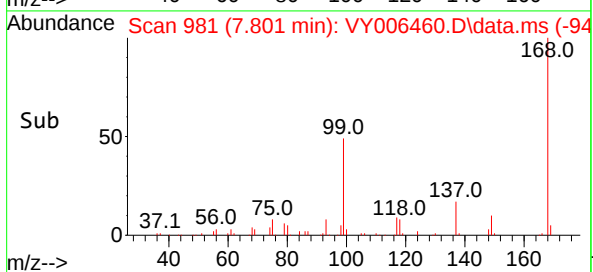
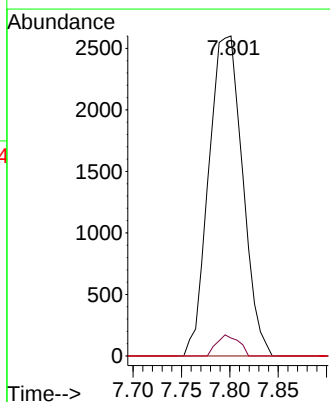
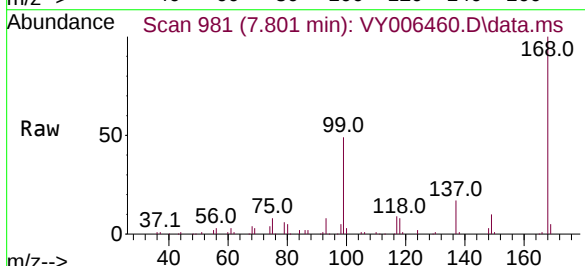
RT: 7.801 min Scan# 981

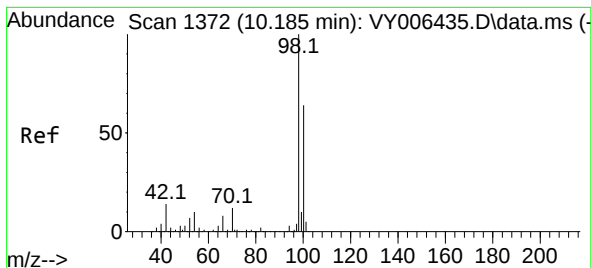
Delta R.T. -0.104 min

Lab File: VY006460.D

Acq: 25 Oct 2021 12:42

Tgt Ion:	117	Resp:	6325
Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.6	115.0#
121	0.0	24.7	37.1#

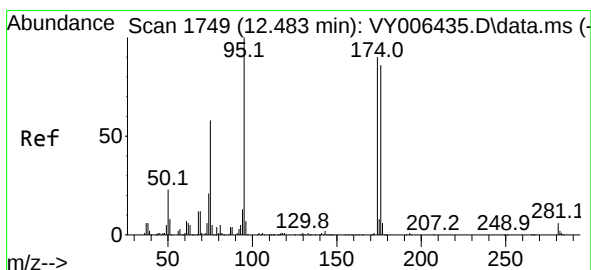
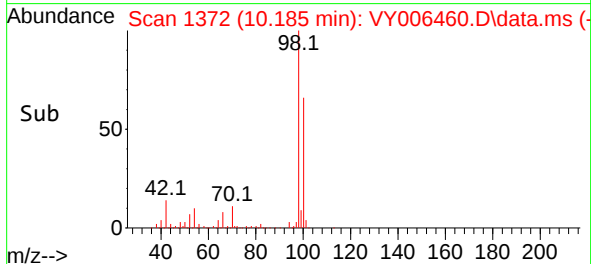
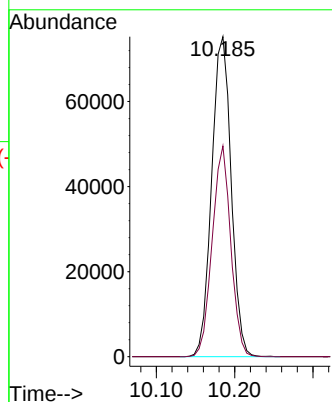
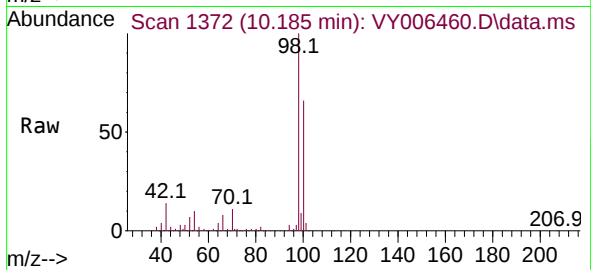




#50
Toluene-d8
Concen: 53.008 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006460.D
Acq: 25 Oct 2021 12:42

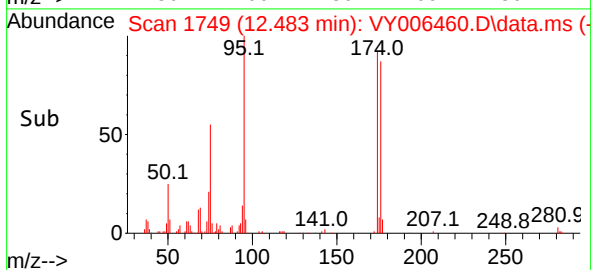
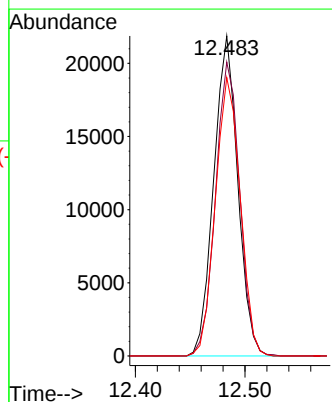
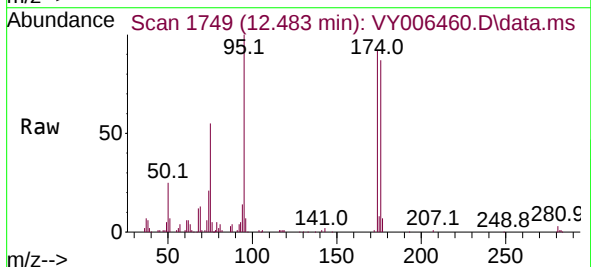
Instrument :
MSVOA_Y
ClientSampleId :

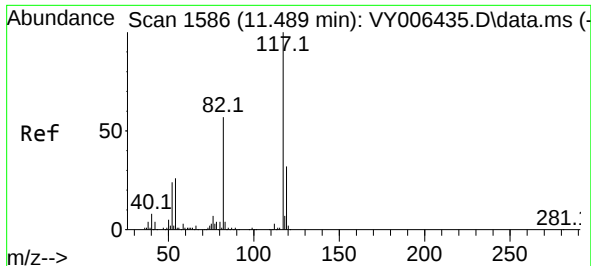
Tgt Ion: 98 Resp: 129960
Ion Ratio Lower Upper
98 100
100 62.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 40.408 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006460.D
Acq: 25 Oct 2021 12:42

Tgt Ion: 95 Resp: 33372
Ion Ratio Lower Upper
95 100
174 92.4 0.0 177.0
176 89.7 0.0 169.4

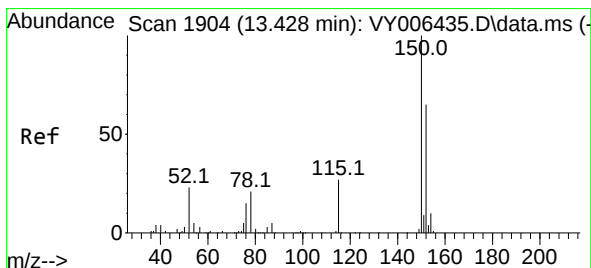
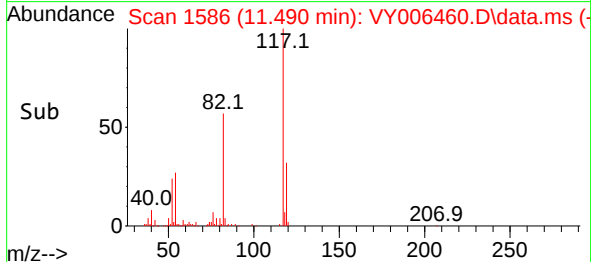
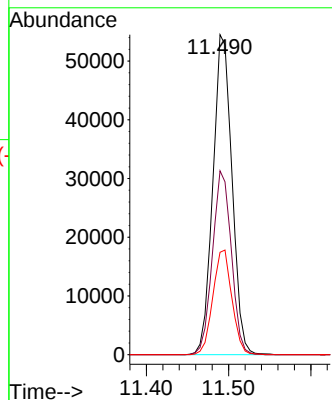
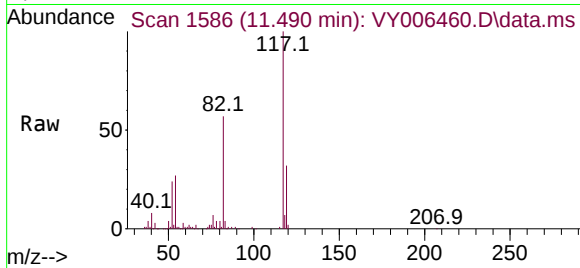




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY006460.D
Acq: 25 Oct 2021 12:42

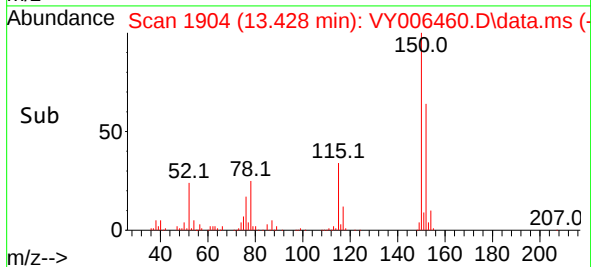
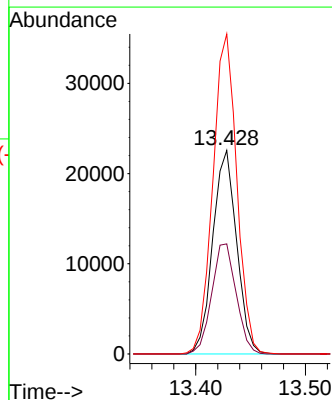
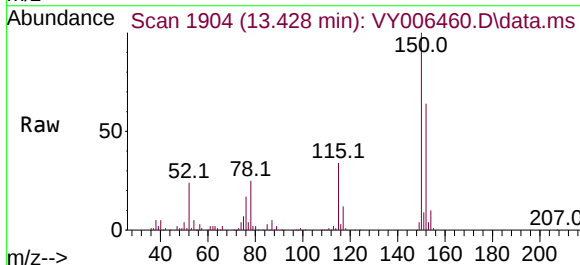
Instrument :
MSVOA_Y
ClientSampleId :

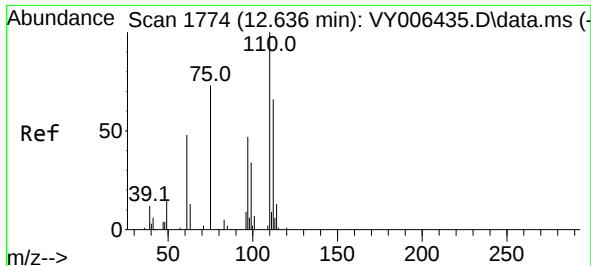
Tgt Ion:117 Resp: 87856
Ion Ratio Lower Upper
117 100
82 57.4 45.7 68.5
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006460.D
Acq: 25 Oct 2021 12:42

Tgt Ion:152 Resp: 34224
Ion Ratio Lower Upper
152 100
115 55.4 28.5 85.5
150 157.2 0.0 348.2

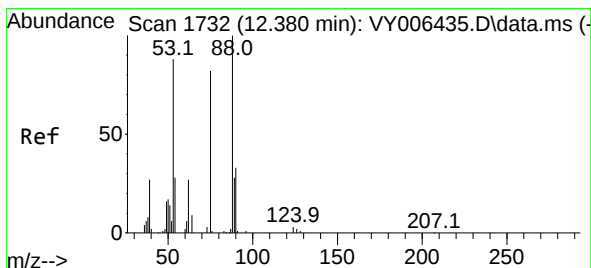
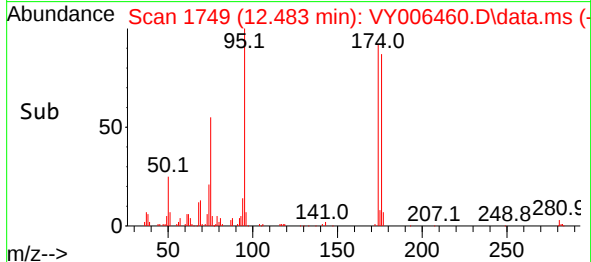
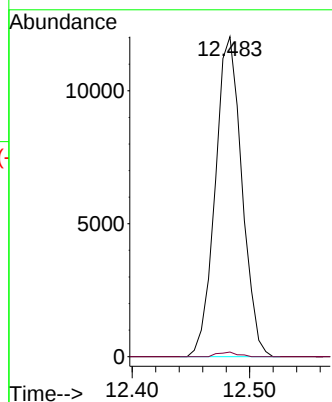
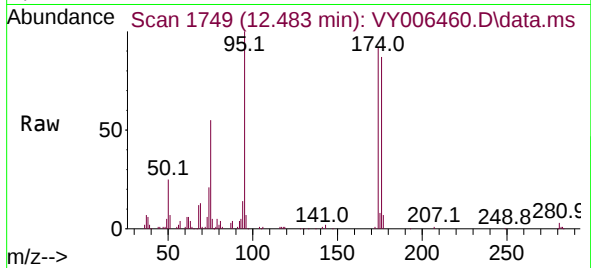




#76
1,2,3-Trichloropropane
Concen: 53.872 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006460.D
Acq: 25 Oct 2021 12:42

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 18999
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.597 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006460.D
Acq: 25 Oct 2021 12:42

Tgt Ion: 75 Resp: 18999
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

