

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101521\
 Data File : VY006406.D
 Acq On : 15 Oct 2021 15:05
 Operator : SY/MD
 Sample : M4244-09
 Misc : 5.54G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 18 04:45:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	123516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	205969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	188704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72310	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	86218	65.219	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.440%
35) Dibromofluoromethane	7.728	113	55092	50.065	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.120%
50) Toluene-d8	10.185	98	260583	56.582	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.160%
62) 4-Bromofluorobenzene	12.483	95	76061	48.616	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.240%

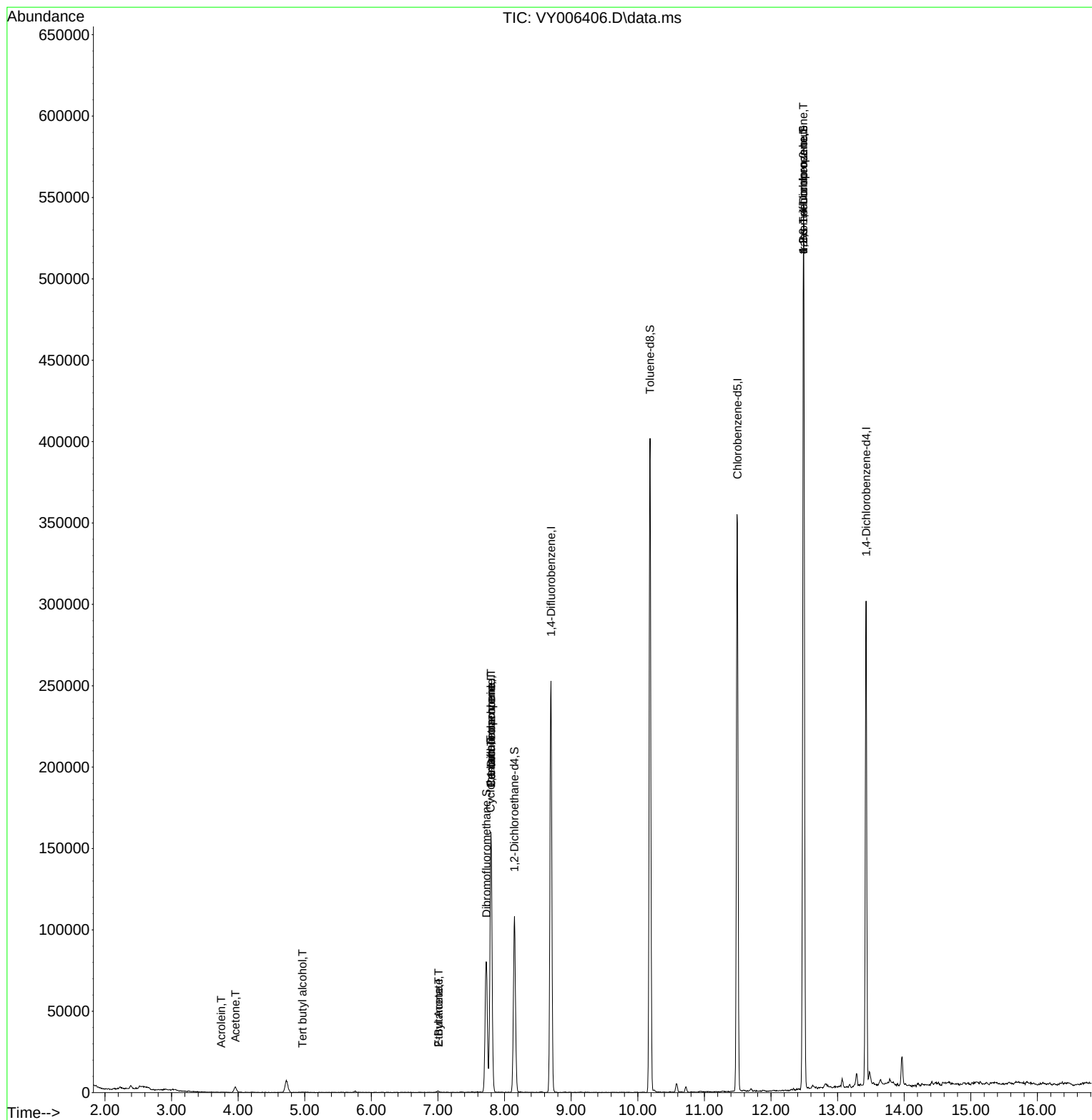
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.966	59	398	3.442	ug/l #	77
13) Acrolein	3.747	56	39	18.921	ug/l #	14
16) Acetone	3.960	43	5694	15.421	ug/l #	89
25) 2-Butanone	7.009	43	1437	2.794	ug/l #	83
31) Cyclohexane	7.789	56	2771	1.106	ug/l #	33
36) 1,1-Dichloropropene	7.795	75	9252	4.515	ug/l #	51
37) Ethyl Acetate	7.009	43	1437	1.204	ug/l #	72
38) Carbon Tetrachloride	7.795	117	11722	5.417	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	45895	65.302	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45895	128.327	ug/l #	8

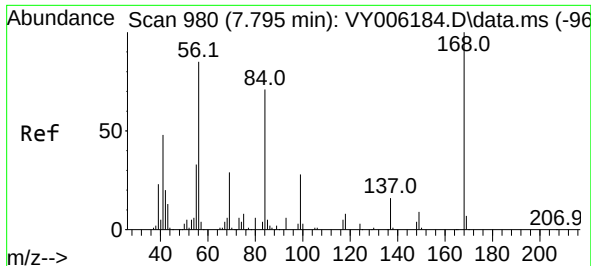
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
Response via : Initial Calibration

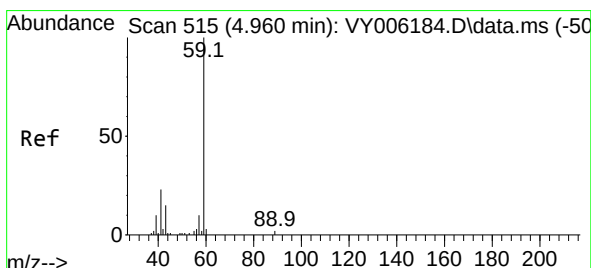
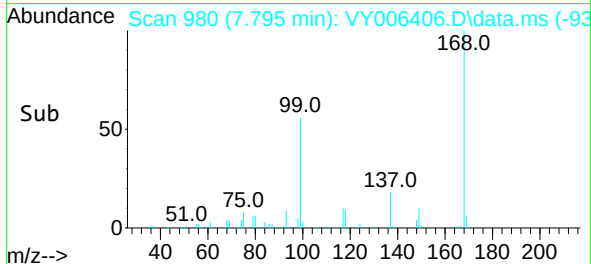
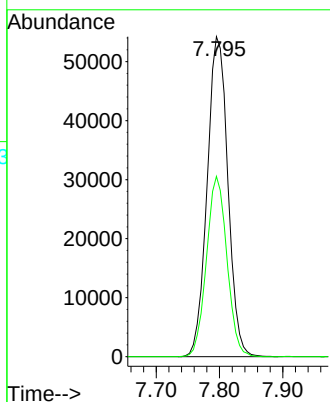
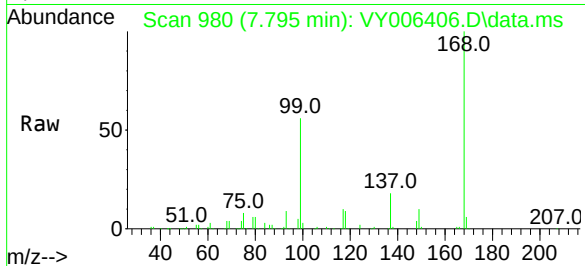




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006406.D
Acq: 15 Oct 2021 15:05

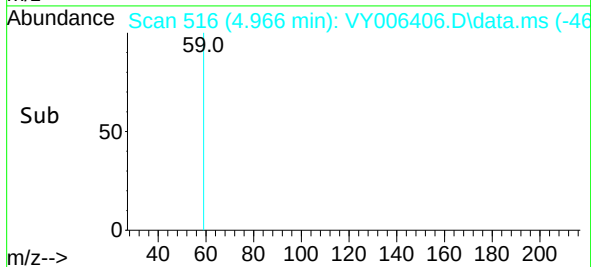
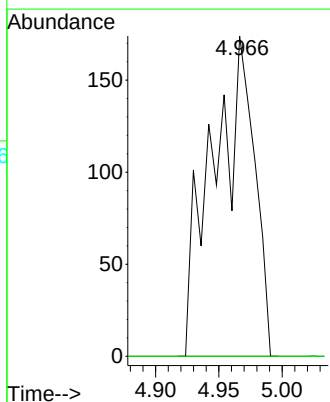
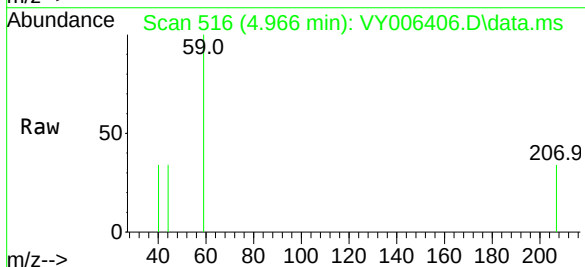
Instrument :
MSVOA_Y
ClientSampled :

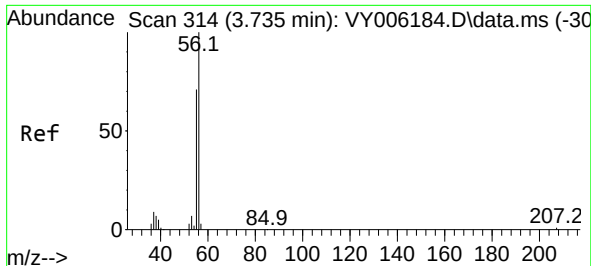
Tgt Ion:168 Resp: 123516
Ion Ratio Lower Upper
168 100
99 56.4 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.442 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY006406.D
Acq: 15 Oct 2021 15:05

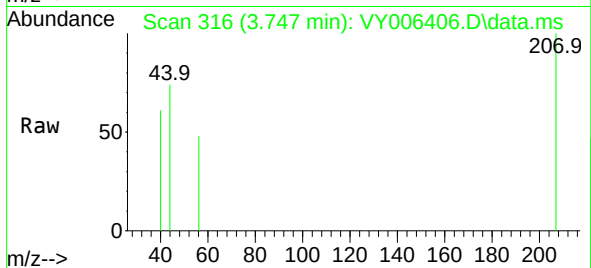
Tgt Ion: 59 Resp: 398
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



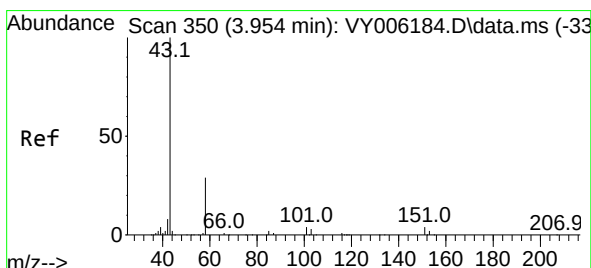
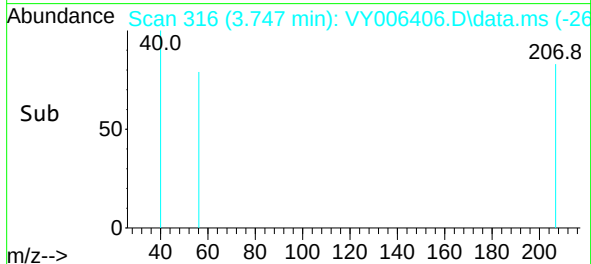
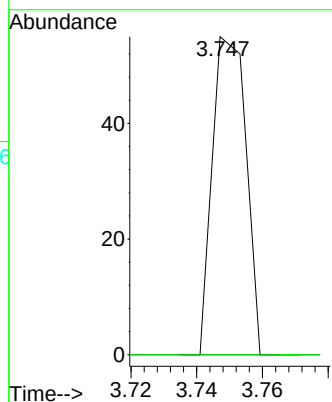


#13
Acrolein
Concen: 18.921 ug/l
RT: 3.747 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY006406.D
Acq: 15 Oct 2021 15:05

Instrument :
MSVOA_Y
ClientSampled :

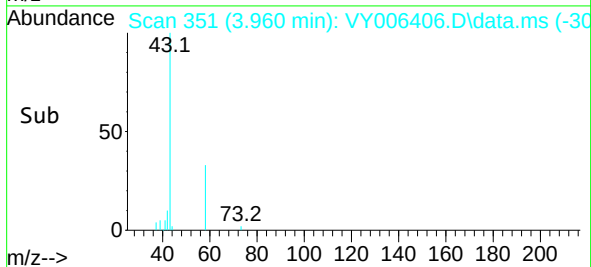
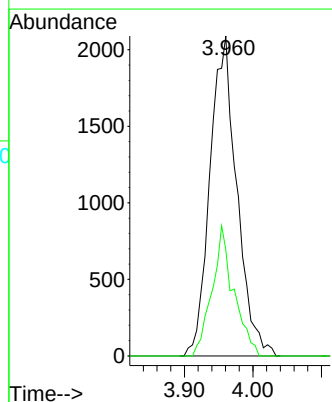
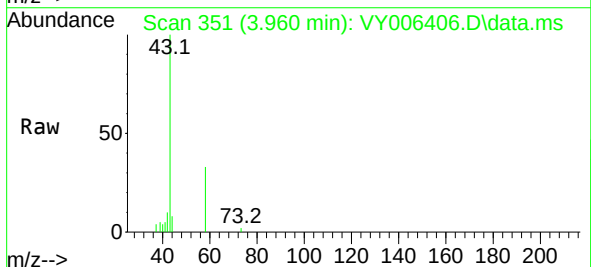


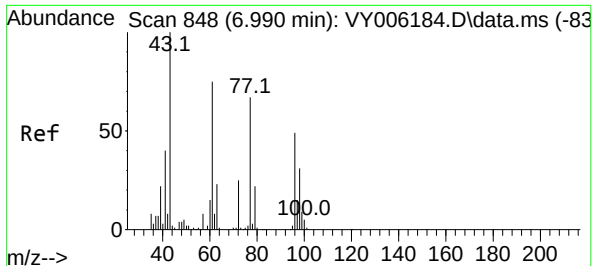
Tgt Ion: 56 Resp: 39
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 15.421 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006406.D
Acq: 15 Oct 2021 15:05

Tgt Ion: 43 Resp: 5694
Ion Ratio Lower Upper
43 100
58 33.3 22.0 33.0#





#25

2-Butanone

Concen: 2.794 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.019 min

Lab File: VY006406.D

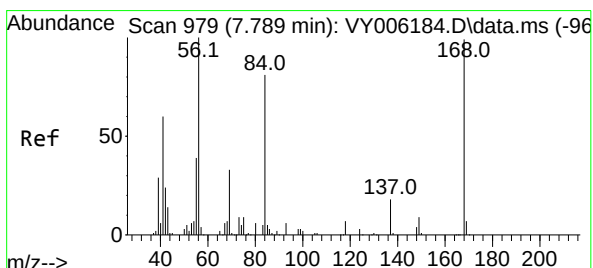
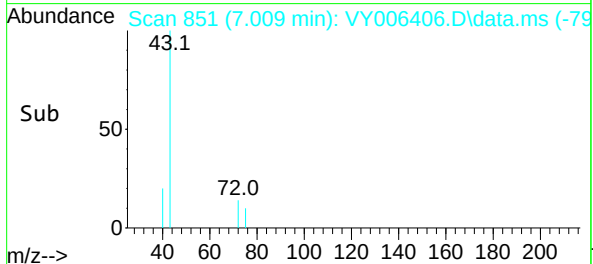
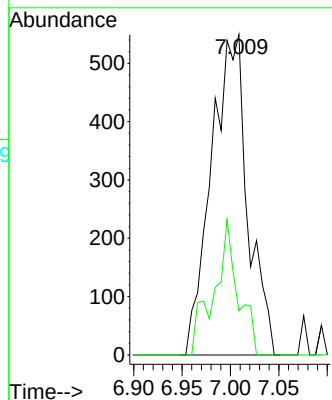
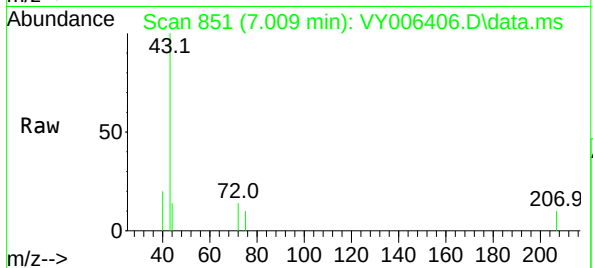
Acq: 15 Oct 2021 15:05

Tgt Ion: 43 Resp: 1437

Ion Ratio Lower Upper

43 100

72 13.8 17.7 26.5#



#31

Cyclohexane

Concen: 1.106 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.000 min

Lab File: VY006406.D

Acq: 15 Oct 2021 15:05

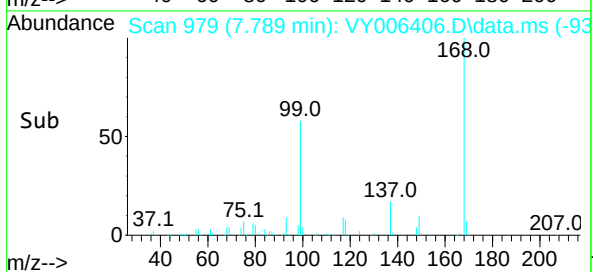
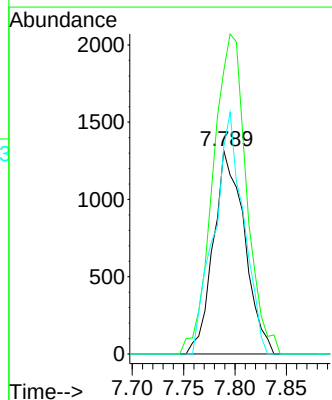
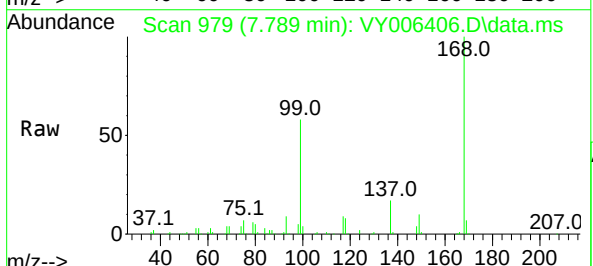
Tgt Ion: 56 Resp: 2771

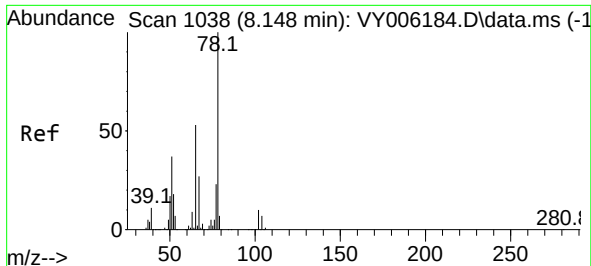
Ion Ratio Lower Upper

56 100

69 139.0 26.7 40.1#

84 101.4 67.2 100.8#



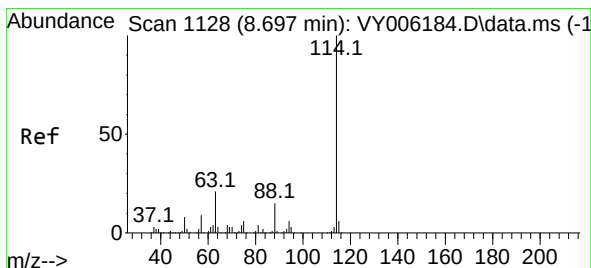
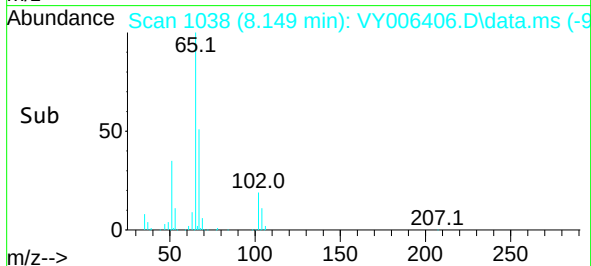
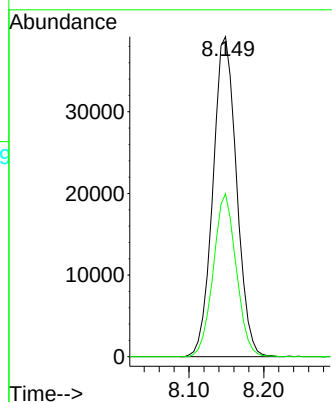
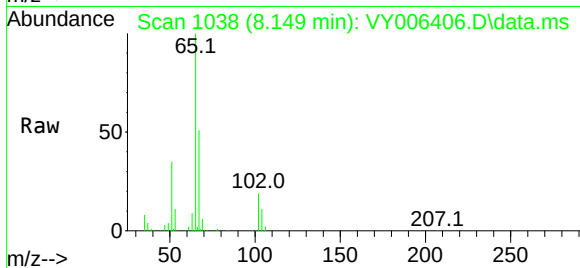


#33
 1,2-Dichloroethane-d4
 Concen: 65.219 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY006406.D
 Acq: 15 Oct 2021 15:05

Instrument :
 MSVOA_Y
 ClientSampled :

Tgt Ion: 65 Resp: 86218

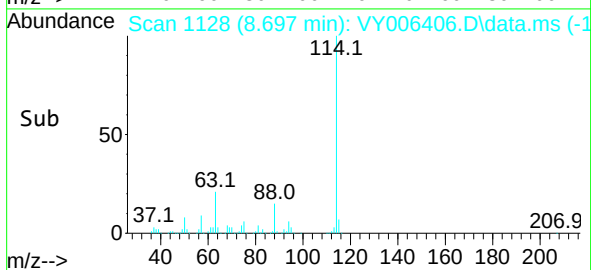
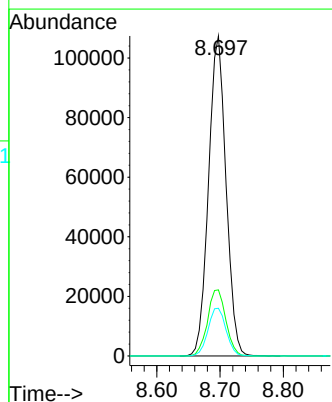
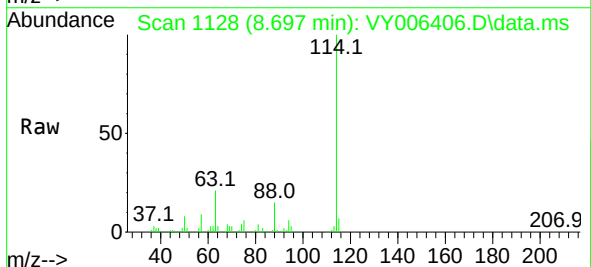
Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	99.4

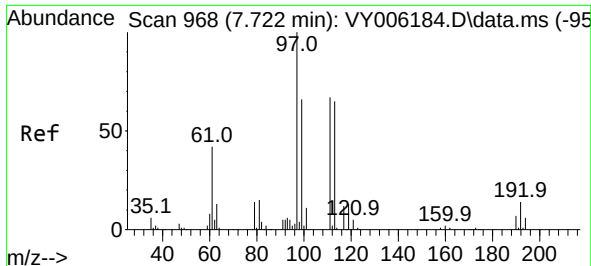


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY006406.D
 Acq: 15 Oct 2021 15:05

Tgt Ion: 114 Resp: 205969

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	43.2
88	14.9	0.0	31.8

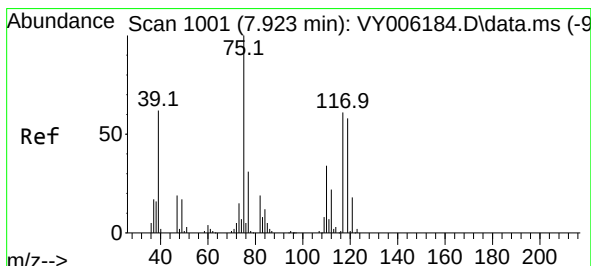
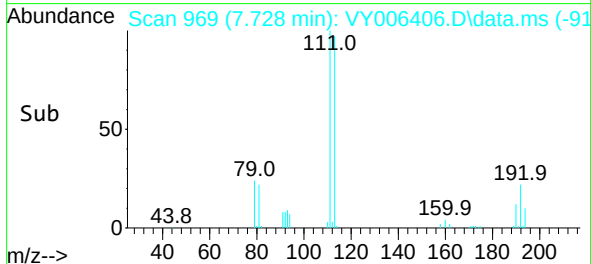
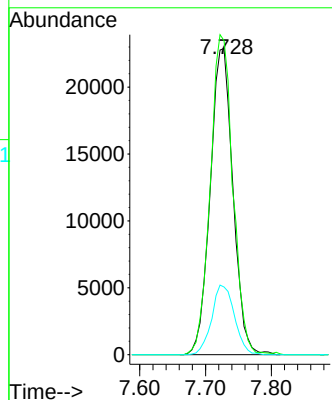
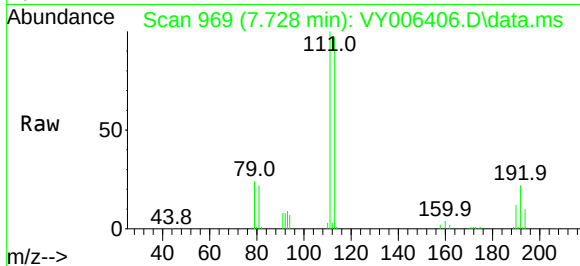




#35
Dibromofluoromethane
Concen: 50.065 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006406.D
Acq: 15 Oct 2021 15:05

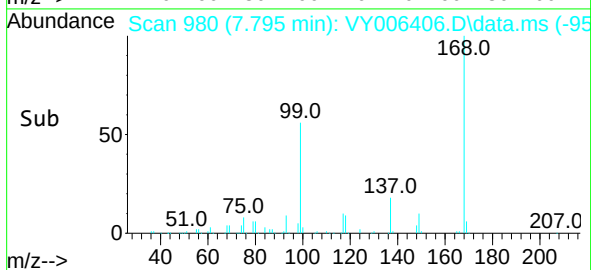
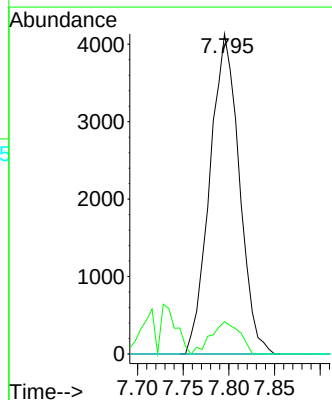
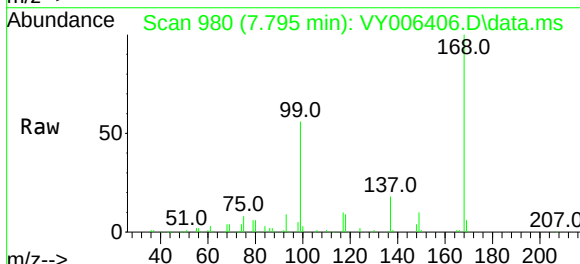
Instrument :
MSVOA_Y
ClientSampled :

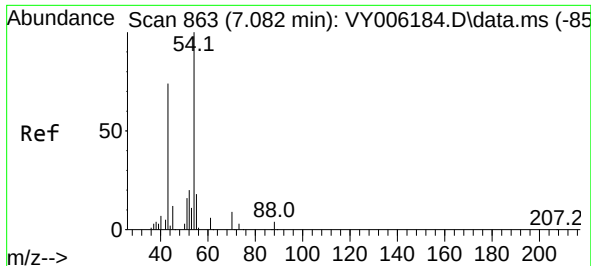
Tgt Ion:113 Resp: 55092
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 22.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.515 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006406.D
Acq: 15 Oct 2021 15:05

Tgt Ion: 75 Resp: 9252
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.204 ug/l

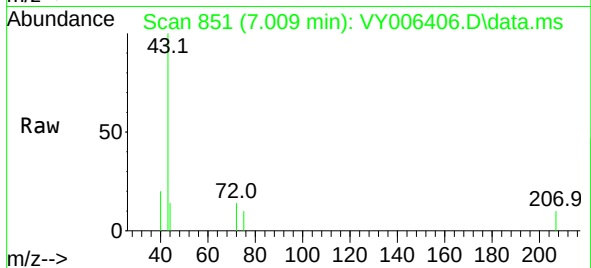
RT: 7.009 min Scan# 851

Delta R.T. -0.073 min

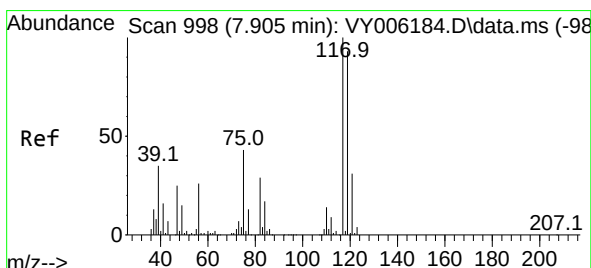
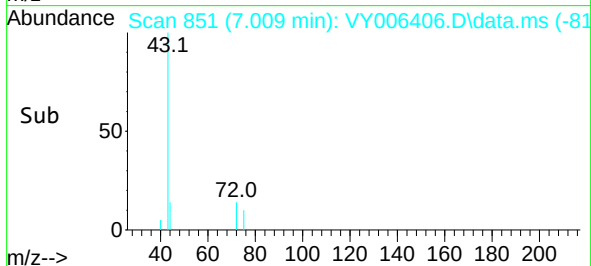
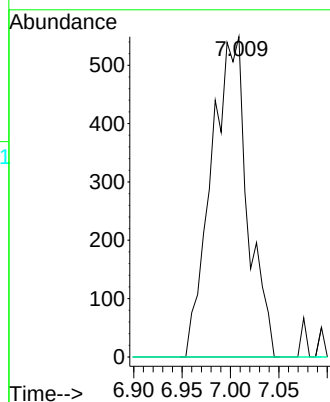
Lab File: VY006406.D

Acq: 15 Oct 2021 15:05

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion:	43	Resp:	1437
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.7	14.5#
70	0.0	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 5.417 ug/l

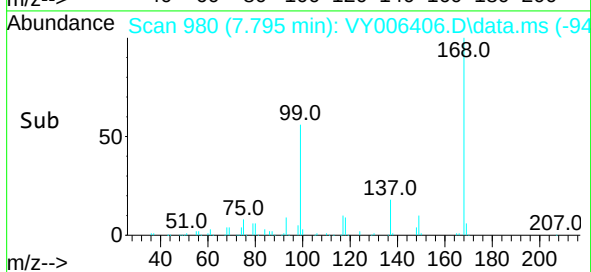
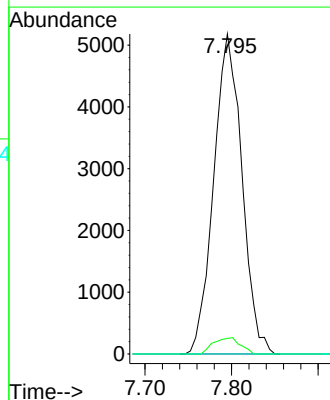
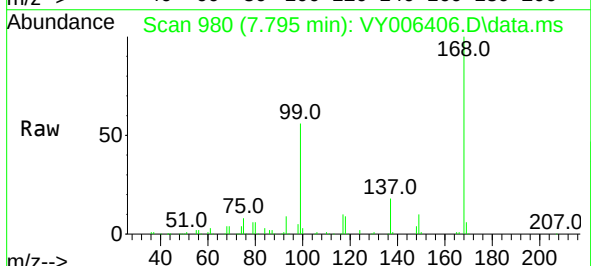
RT: 7.795 min Scan# 980

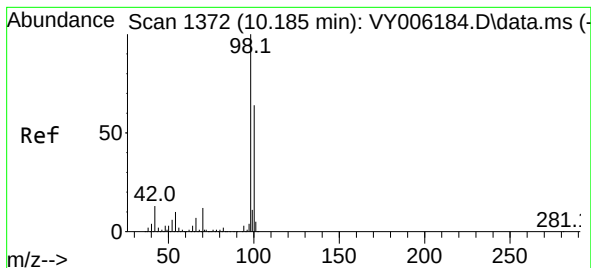
Delta R.T. -0.109 min

Lab File: VY006406.D

Acq: 15 Oct 2021 15:05

Tgt Ion:	117	Resp:	11722
Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.9	116.9#
121	0.0	24.8	37.2#

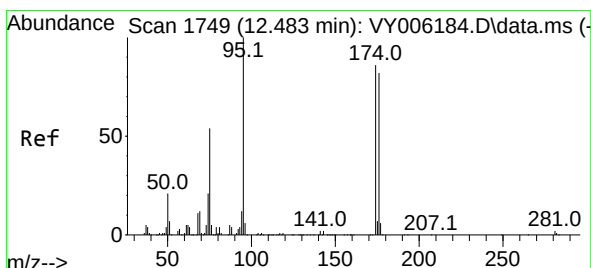
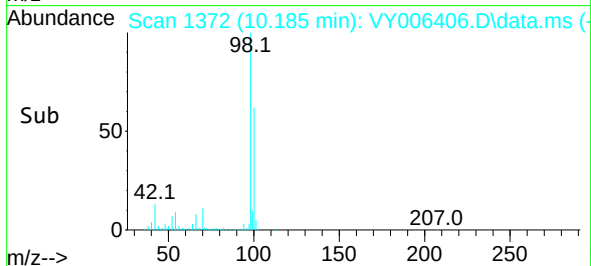
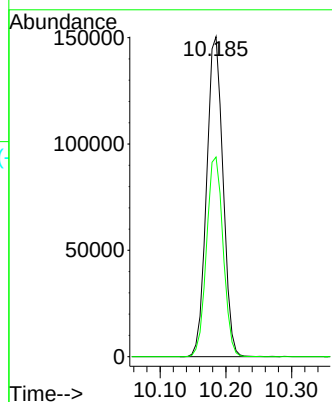
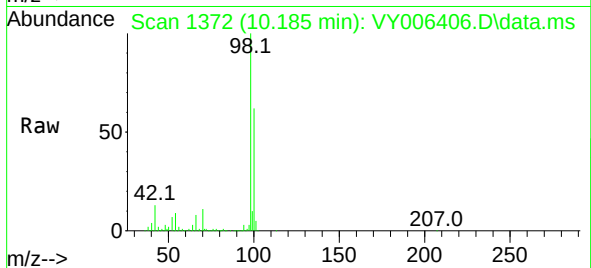




#50
Toluene-d8
Concen: 56.582 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006406.D
Acq: 15 Oct 2021 15:05

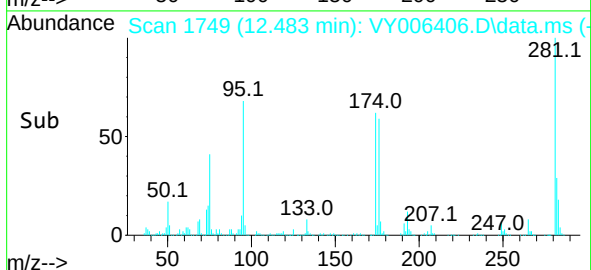
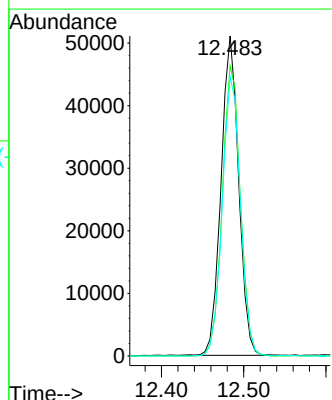
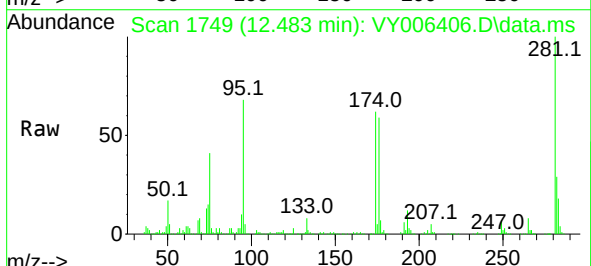
Instrument :
MSVOA_Y
ClientSampled :

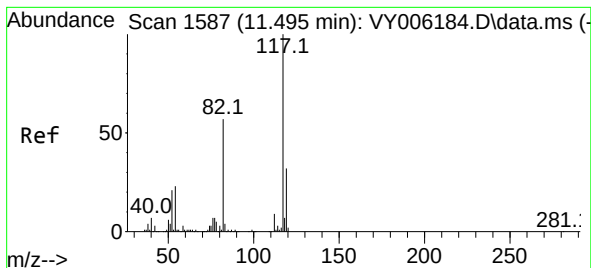
Tgt Ion: 98 Resp: 260583
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.616 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006406.D
Acq: 15 Oct 2021 15:05

Tgt Ion: 95 Resp: 76061
Ion Ratio Lower Upper
95 100
174 93.4 0.0 177.0
176 90.0 0.0 175.8

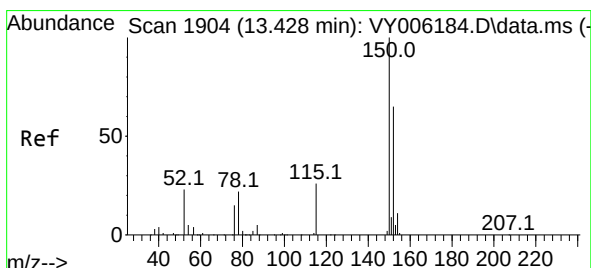
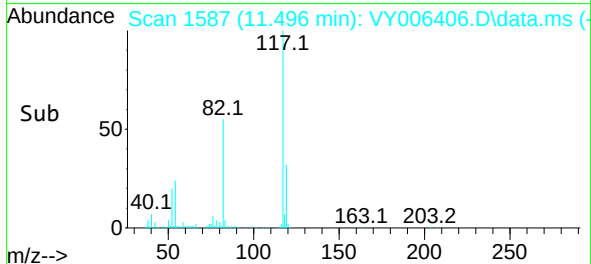
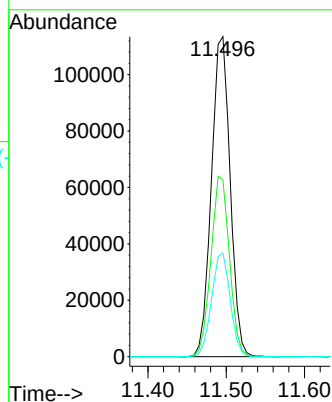
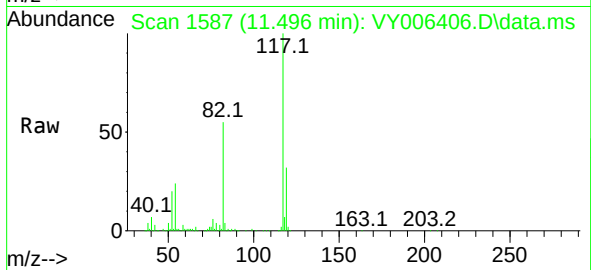




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006406.D
Acq: 15 Oct 2021 15:05

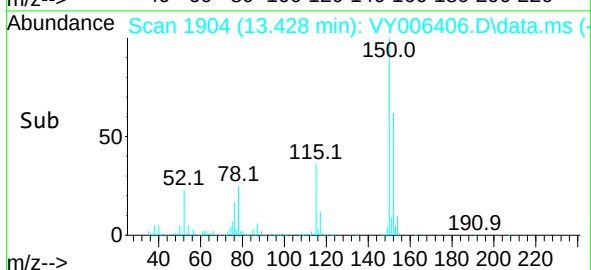
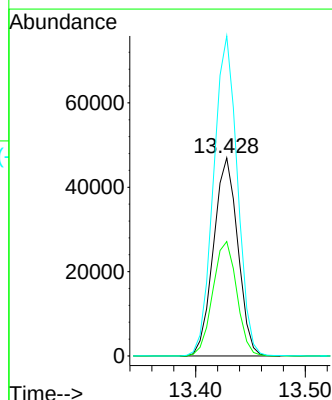
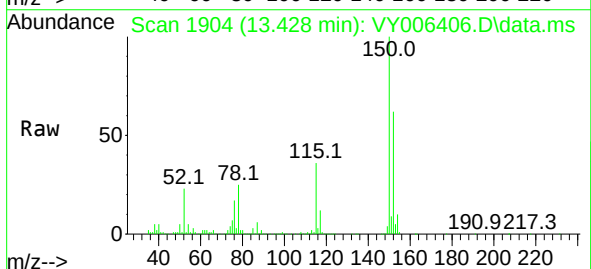
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 188704
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.4
119 32.4 25.4 38.0

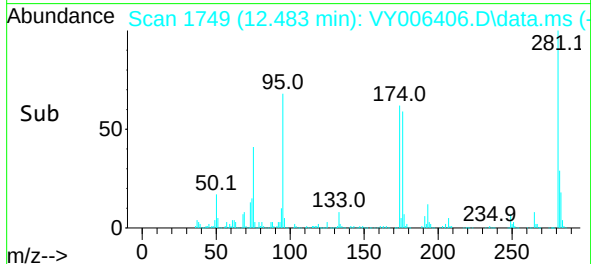
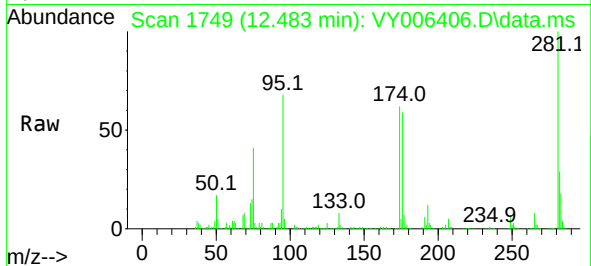
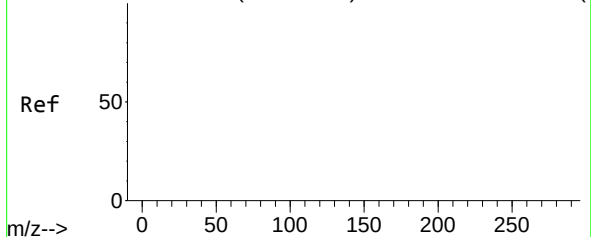


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006406.D
Acq: 15 Oct 2021 15:05

Tgt Ion:152 Resp: 72310
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 158.9 0.0 347.6

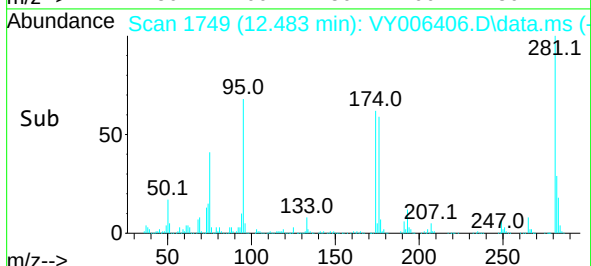
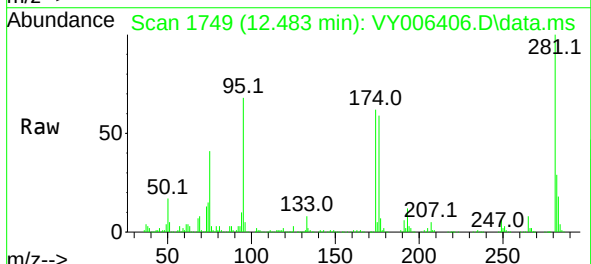
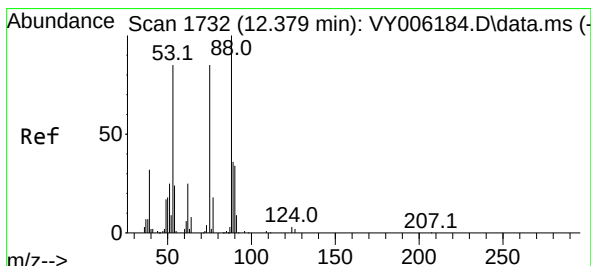
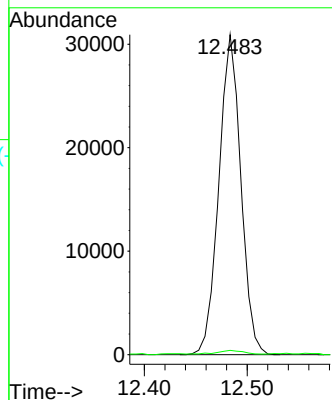


Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-



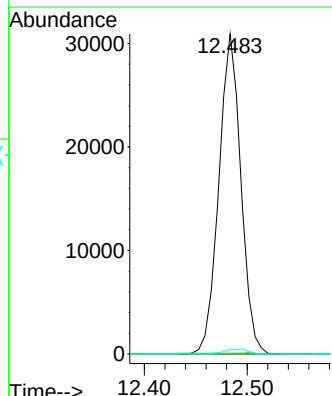
#76
1,2,3-Trichloropropane
Concen: 65.302 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006406.D
Acq: 15 Oct 2021 15:05

Tgt Ion: 75 Resp: 45895
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.327 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006406.D
Acq: 15 Oct 2021 15:05

Tgt Ion: 75 Resp: 45895
Ion Ratio Lower Upper
75 100
53 0.3 85.3 127.9#
89 1.6 37.0 55.4#



Instrument :
MSVOA_Y
ClientSampled :