

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081921\
 Data File : VY005770.D
 Acq On : 19 Aug 2021 15:35
 Operator : SY/MD
 Sample : M3414-09
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-6A

Quant Time: Aug 20 06:56:54 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)

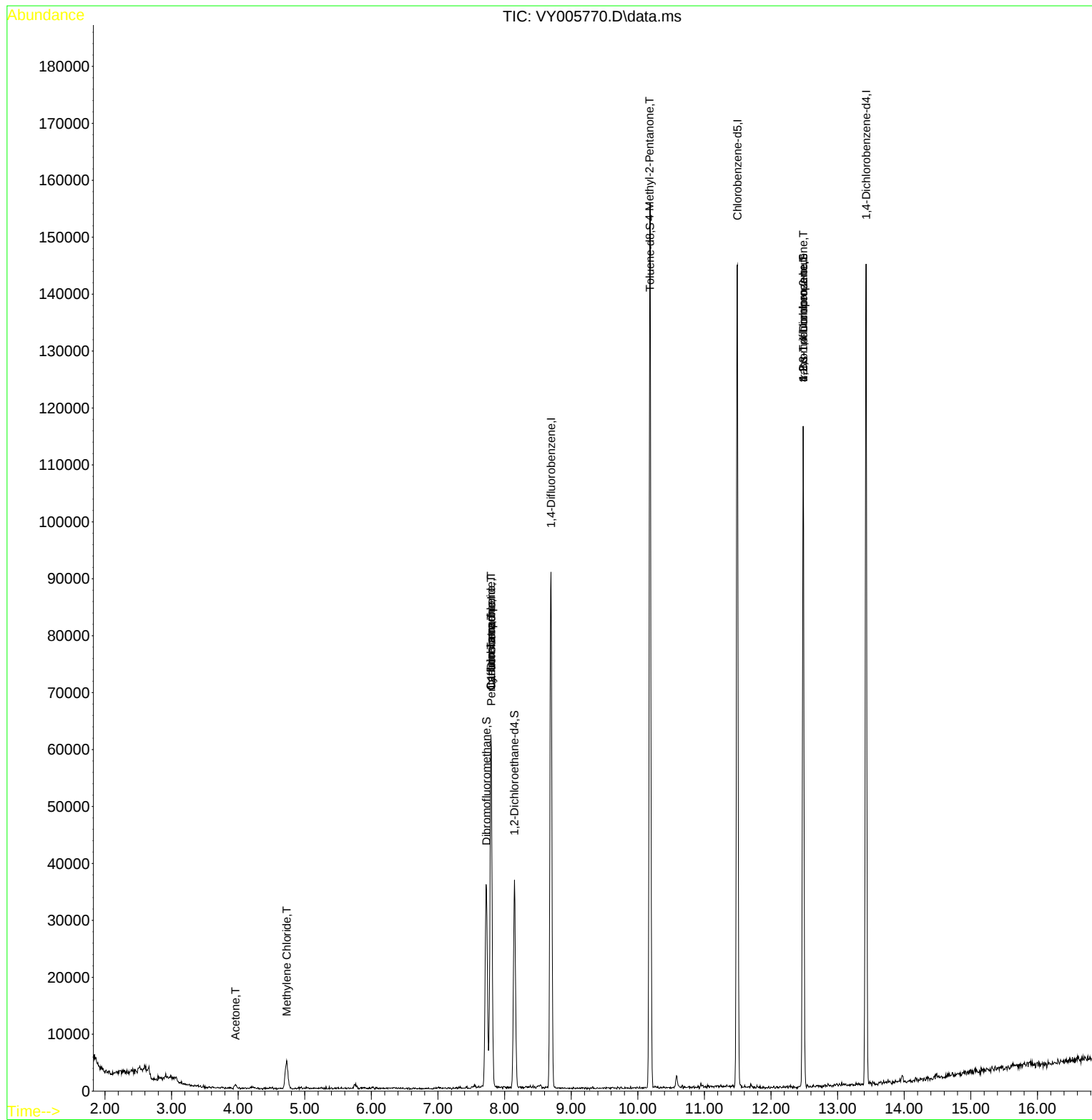
Internal Standards						
1) Pentafluorobenzene	7.801	168	49469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	77472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	78293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	37810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	29036	57.985	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.980%	
35) Dibromofluoromethane	7.728	113	24513	56.515	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.020%	
50) Toluene-d8	10.185	98	100535	55.266	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.540%	
62) 4-Bromofluorobenzene	12.483	95	32020	53.154	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.300%	
Target Compounds						Qvalue
16) Acetone	3.960	43	1241	9.830	ug/l #	86
20) Methylene Chloride	4.729	84	3527	1.119	ug/l #	91
31) Cyclohexane	7.795	56	936	1.090	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	3538	4.869	ug/l #	47
38) Carbon Tetrachloride	7.795	117	4429	5.608	ug/l #	18
51) 4-Methyl-2-Pentanone	10.179	43	529	1.205	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	17512	44.694	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	17512	90.097	ug/l #	11

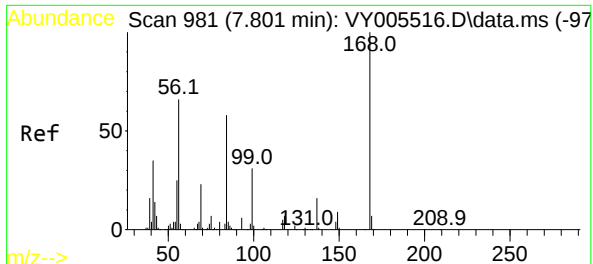
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration

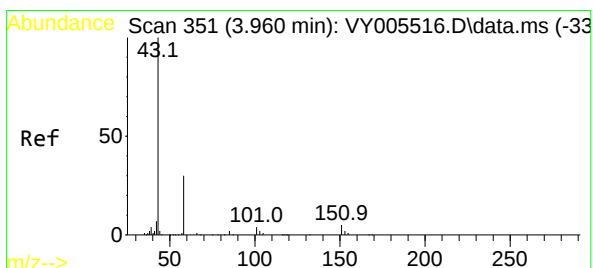
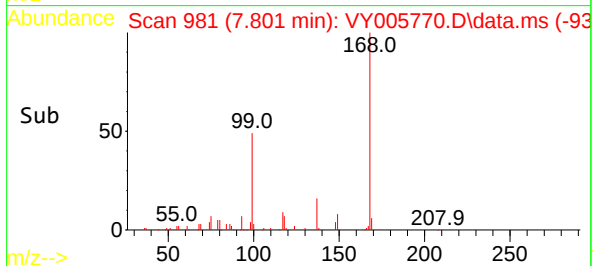
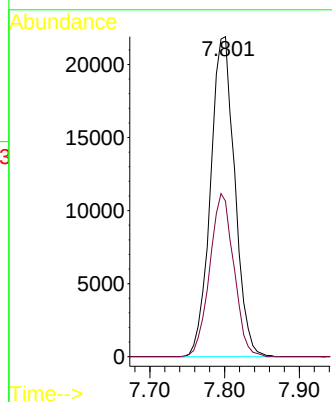
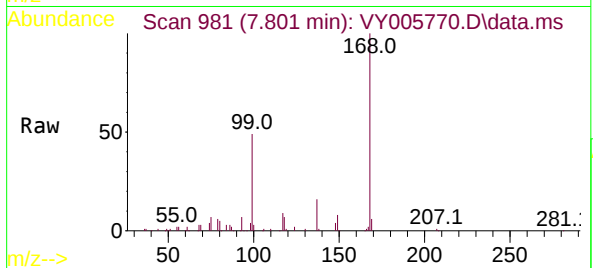




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005770.D
Acq: 19 Aug 2021 15:35

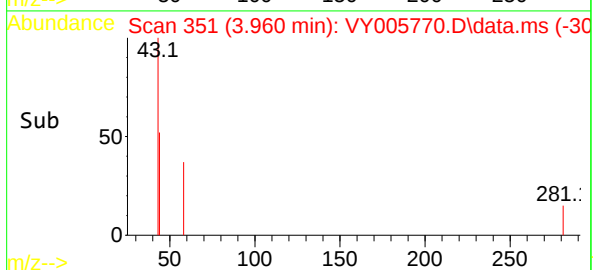
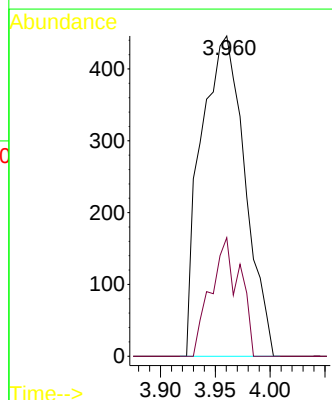
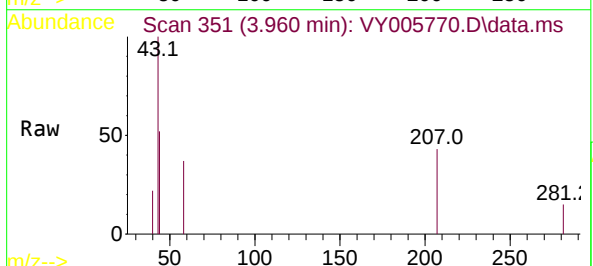
Instrument :
MSVOA_Y
ClientSampleId :
B-6A

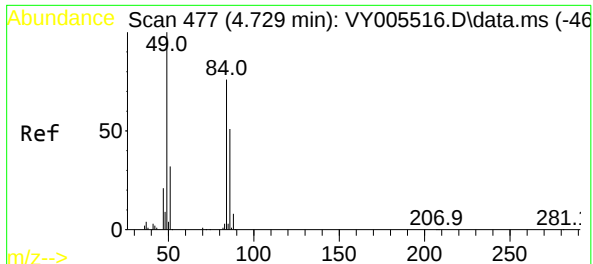
Tgt Ion:168 Resp: 49469
Ion Ratio Lower Upper
168 100
99 48.6 38.9 58.3



#16
Acetone
Concen: 9.830 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005770.D
Acq: 19 Aug 2021 15:35

Tgt Ion: 43 Resp: 1241
Ion Ratio Lower Upper
43 100
58 37.0 23.8 35.6#

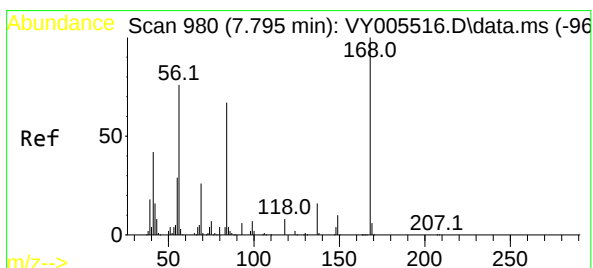
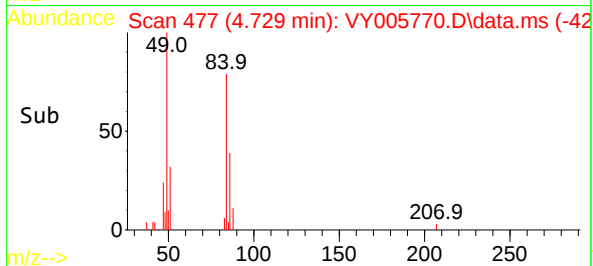
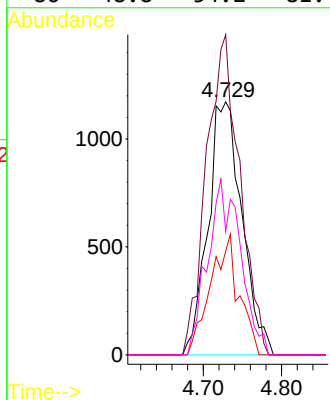
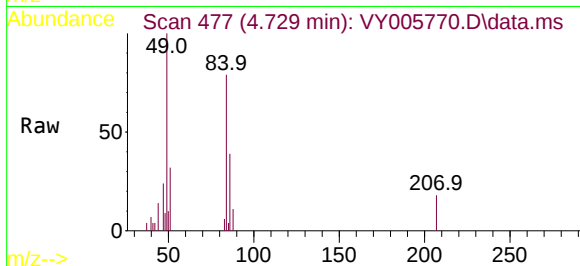




#20
Methylene Chloride
Concen: 1.119 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005770.D
Acq: 19 Aug 2021 15:35

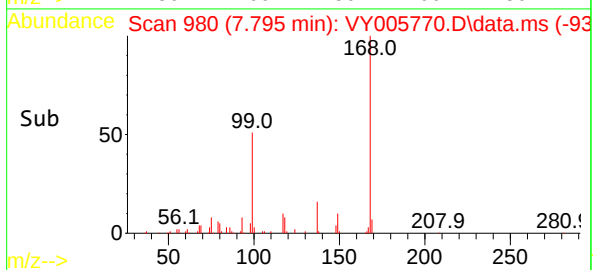
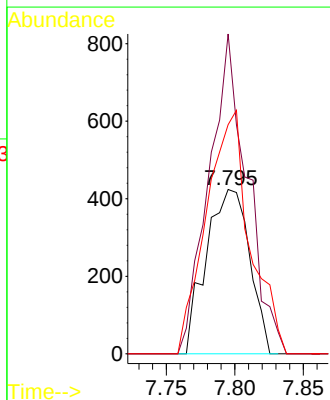
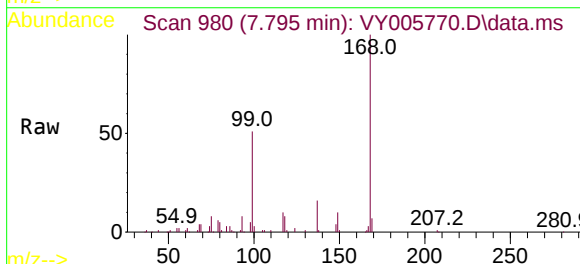
Instrument :
MSVOA_Y
ClientSampleId :
B-6A

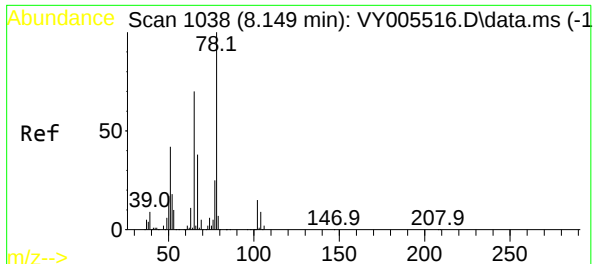
Tgt Ion:	84	Resp:	3527
Ion	Ratio	Lower	Upper
84	100		
49	126.5	105.8	158.6
51	41.0	33.4	50.2
86	48.8	54.2	81.4#



#31
Cyclohexane
Concen: 1.090 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005770.D
Acq: 19 Aug 2021 15:35

Tgt Ion:	56	Resp:	936
Ion	Ratio	Lower	Upper
56	100		
69	194.6	27.7	41.5#
84	139.4	70.9	106.3#

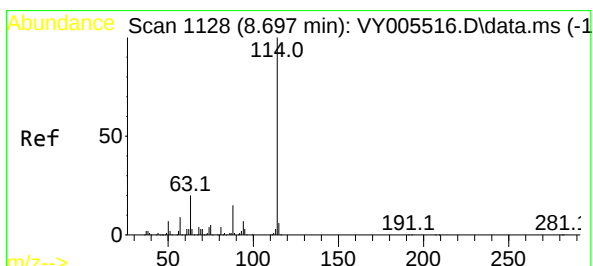
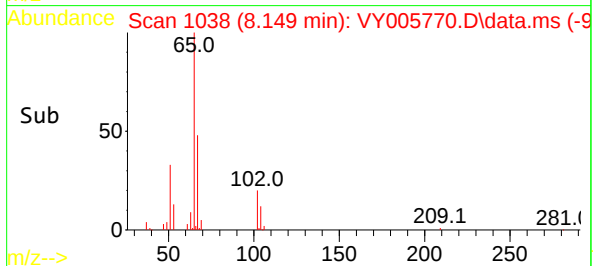
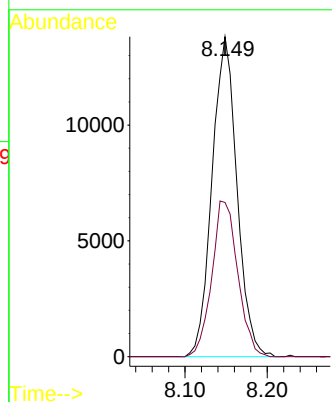
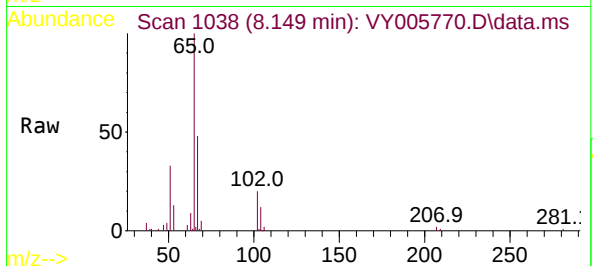




#33
1,2-Dichloroethane-d4
Concen: 57.985 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005770.D
Acq: 19 Aug 2021 15:35

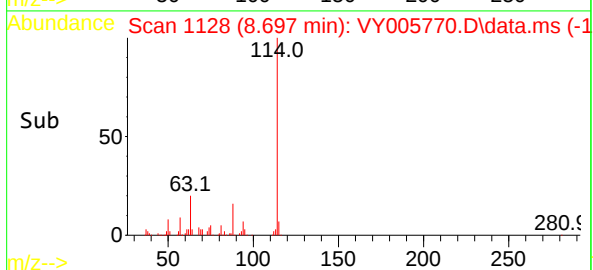
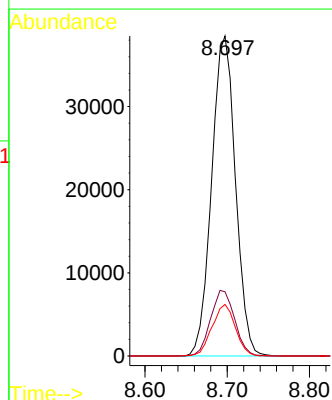
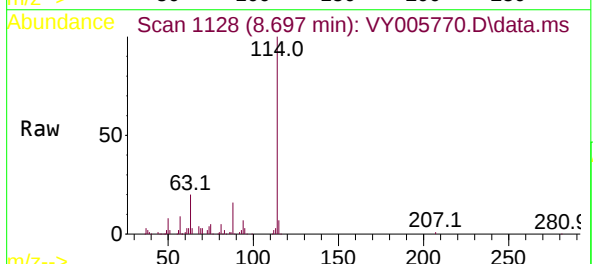
Instrument :
MSVOA_Y
ClientSampled :
B-6A

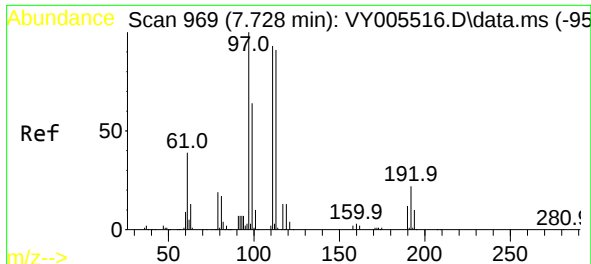
Tgt Ion: 65 Resp: 29036
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005770.D
Acq: 19 Aug 2021 15:35

Tgt Ion: 114 Resp: 77472
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.2
88 16.1 0.0 30.8

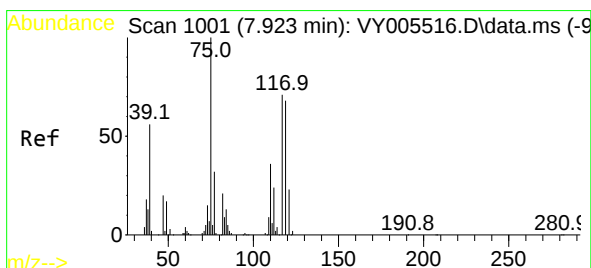
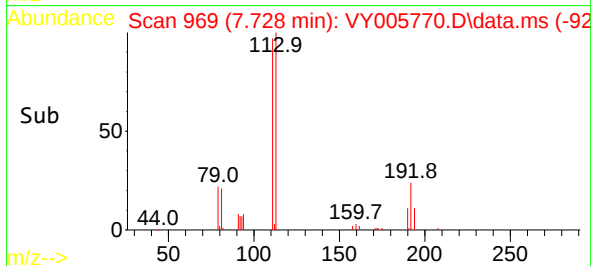
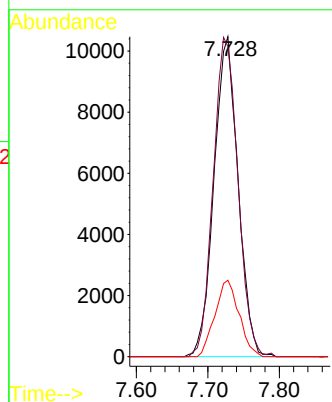
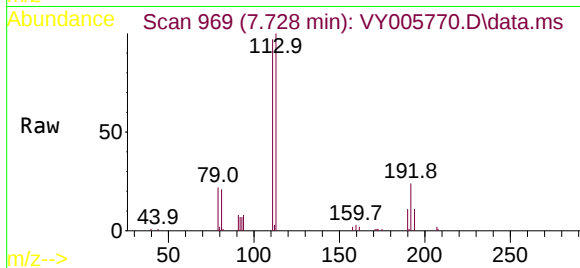




#35
Dibromofluoromethane
Concen: 56.515 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005770.D
Acq: 19 Aug 2021 15:35

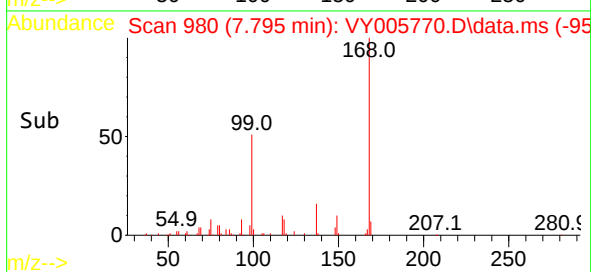
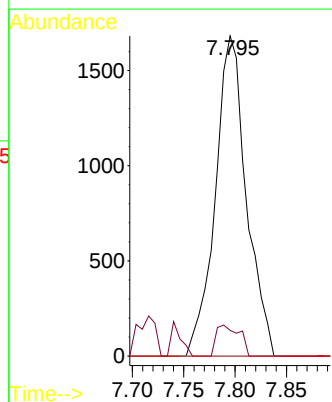
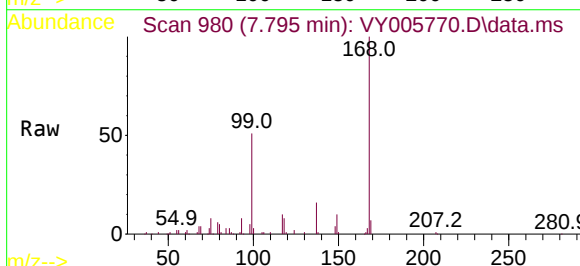
Instrument :
MSVOA_Y
ClientSampleId :
B-6A

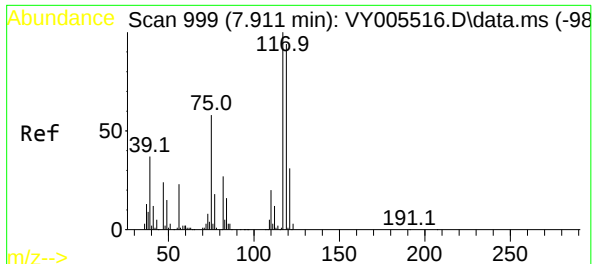
Tgt Ion:	113	Resp:	24513
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.9	122.9
192	23.9	19.2	28.8



#36
1,1-Dichloropropene
Concen: 4.869 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005770.D
Acq: 19 Aug 2021 15:35

Tgt Ion:	75	Resp:	3538
Ion	Ratio	Lower	Upper
75	100		
110	7.2	18.1	54.1#
77	0.0	25.1	37.7#

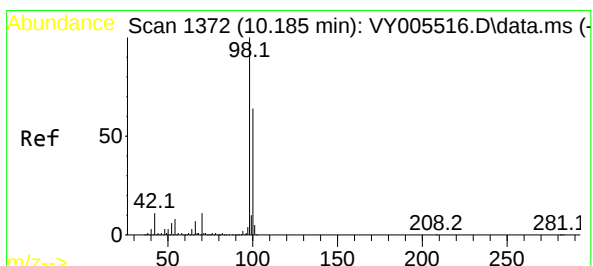
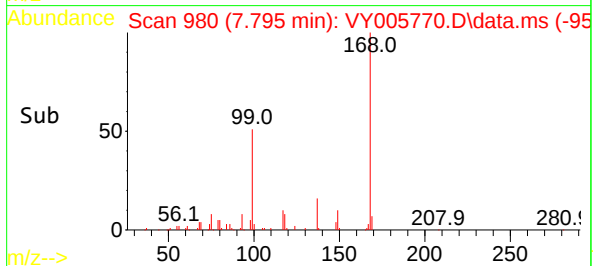
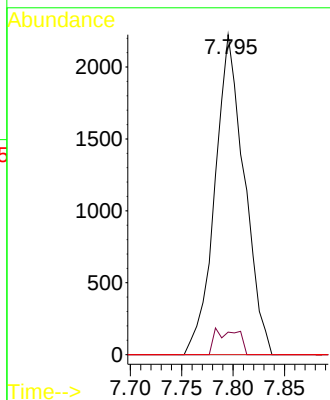
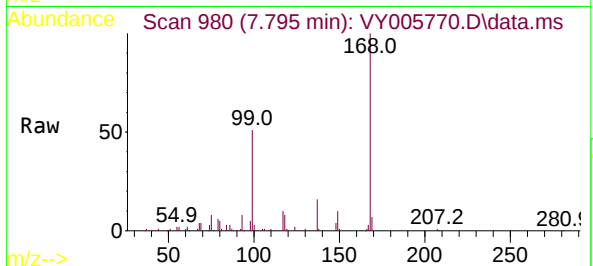




#38
Carbon Tetrachloride
Concen: 5.608 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005770.D
Acq: 19 Aug 2021 15:35

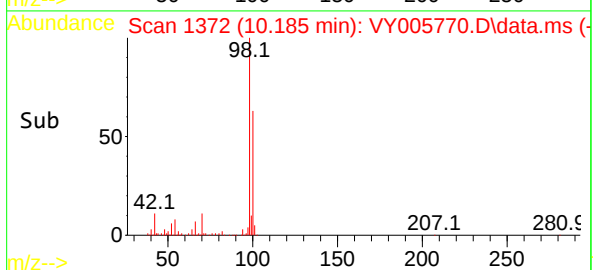
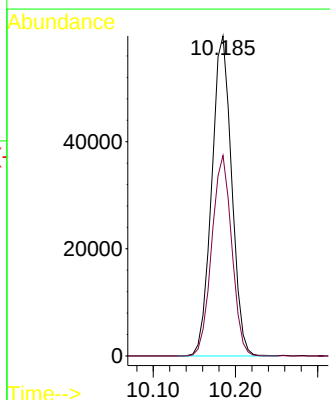
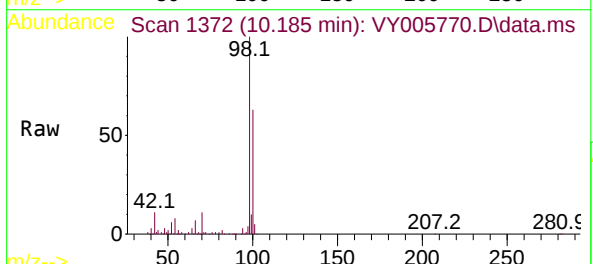
Instrument :
MSVOA_Y
ClientSampled :
B-6A

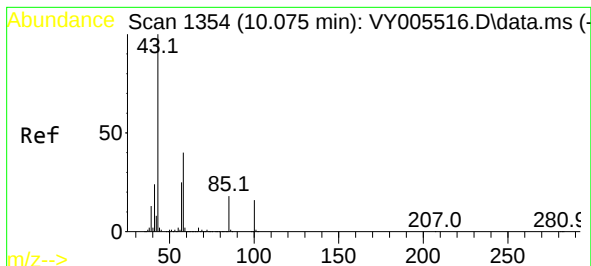
Tgt Ion:117 Resp: 4429
Ion Ratio Lower Upper
117 100
119 7.1 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 55.266 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005770.D
Acq: 19 Aug 2021 15:35

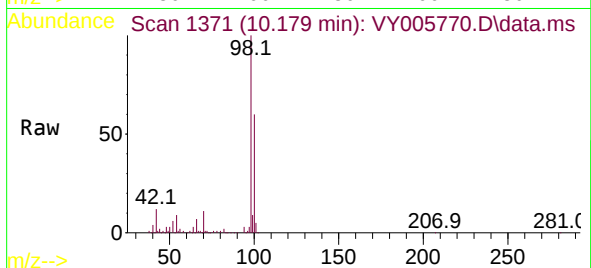
Tgt Ion: 98 Resp: 100535
Ion Ratio Lower Upper
98 100
100 62.7 51.3 76.9



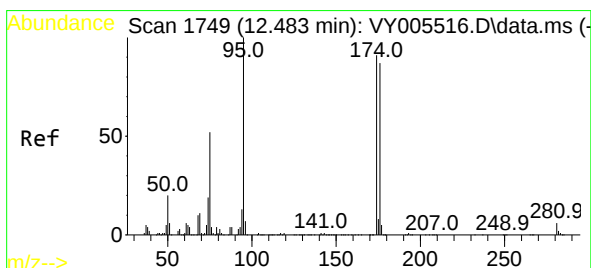
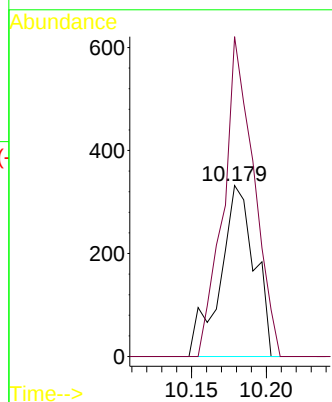
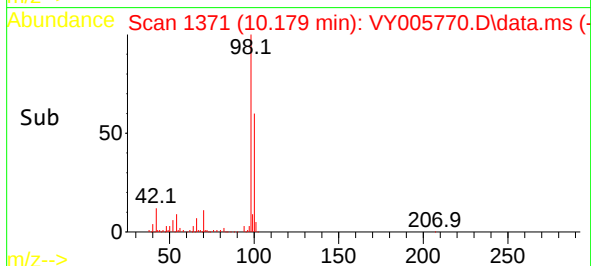


#51
4-Methyl-2-Pentanone
Concen: 1.205 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY005770.D
Acq: 19 Aug 2021 15:35

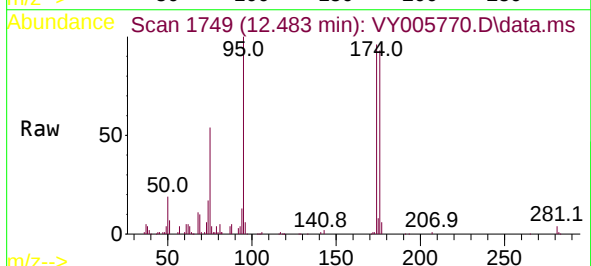
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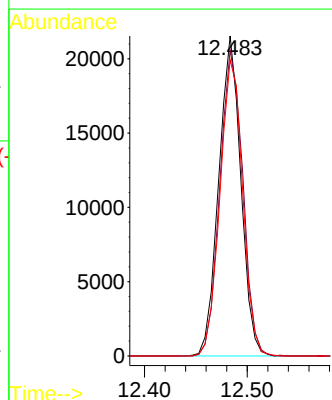
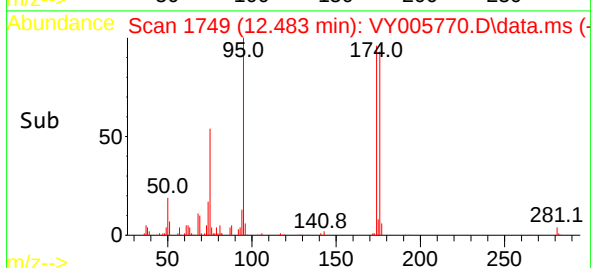
Tgt Ion: 43 Resp: 529
Ion Ratio Lower Upper
43 100
58 166.2 31.4 47.2#

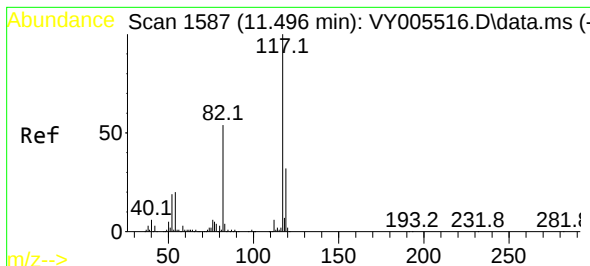


#62
4-Bromofluorobenzene
Concen: 53.154 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005770.D
Acq: 19 Aug 2021 15:35



Tgt Ion: 95 Resp: 32020
Ion Ratio Lower Upper
95 100
174 99.4 0.0 191.4
176 95.2 0.0 183.6

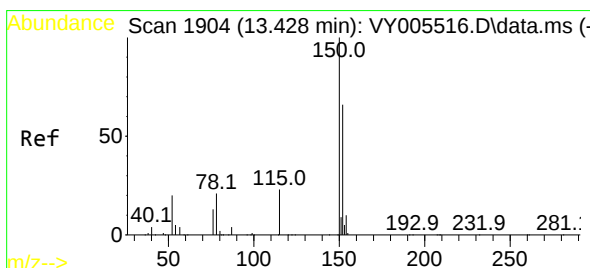
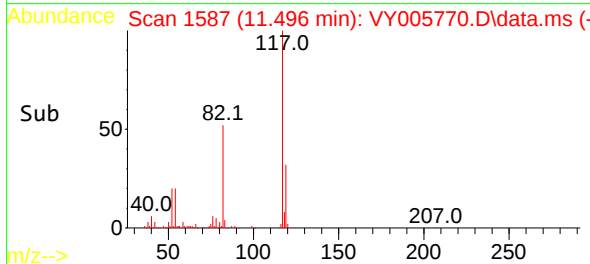
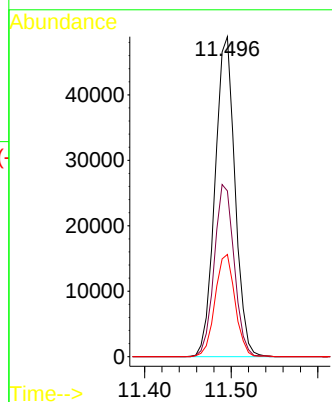
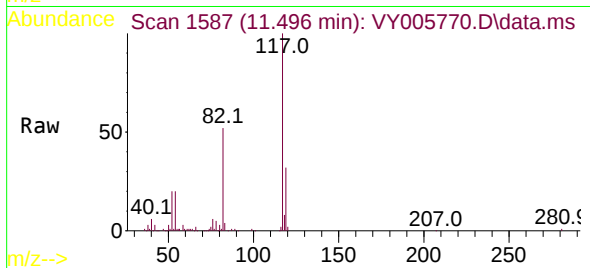




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005770.D
Acq: 19 Aug 2021 15:35

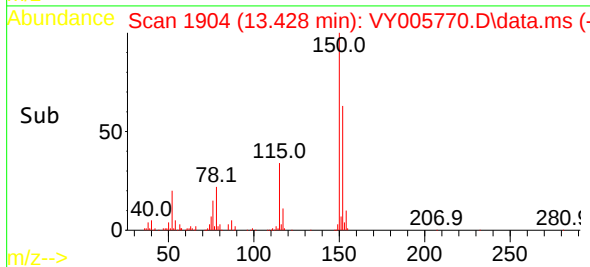
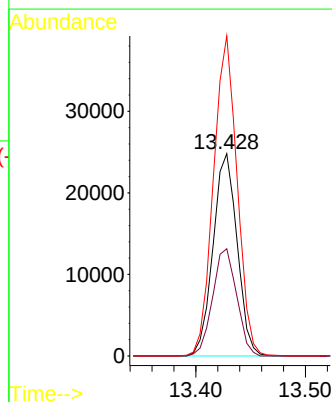
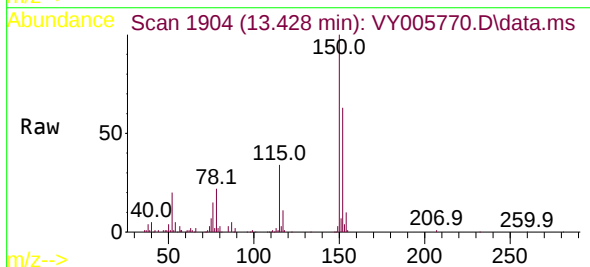
Instrument :
MSVOA_Y
ClientSampleId :
B-6A

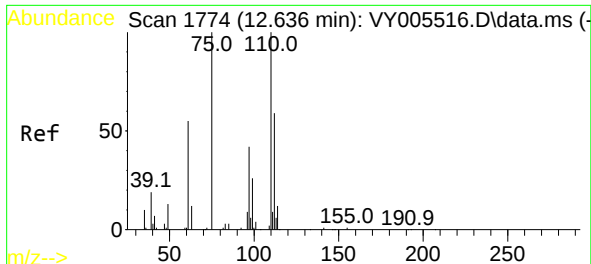
Tgt Ion:	117	Resp:	78293
Ion	Ratio	Lower	Upper
117	100		
82	51.8	43.5	65.3
119	32.0	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005770.D
Acq: 19 Aug 2021 15:35

Tgt Ion:	152	Resp:	37810
Ion	Ratio	Lower	Upper
152	100		
115	53.1	27.3	81.9
150	155.4	0.0	350.2

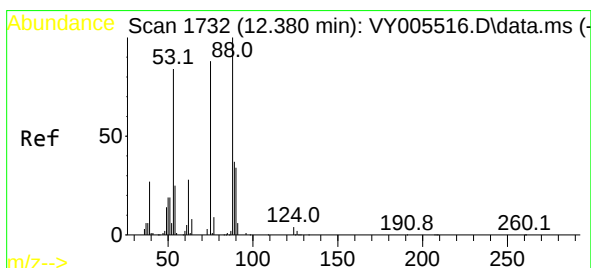
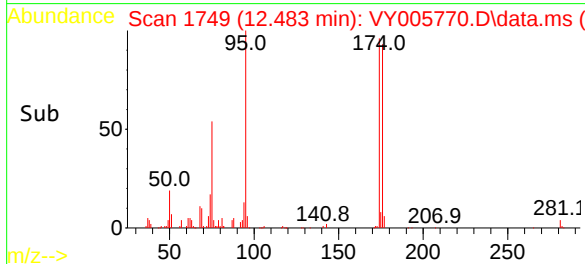
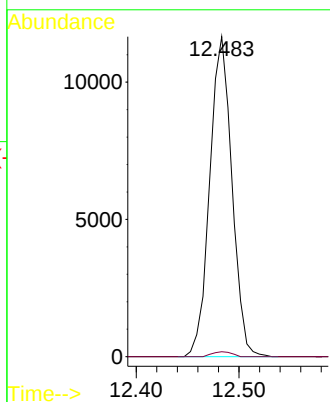
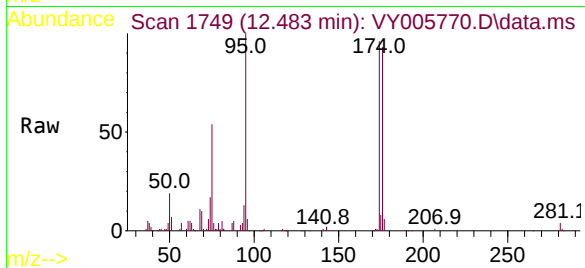




#76
1,2,3-Trichloropropane
Concen: 44.694 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005770.D
Acq: 19 Aug 2021 15:35

Instrument :
MSVOA_Y
ClientSampled :
B-6A

Tgt Ion: 75 Resp: 17512
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.097 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005770.D
Acq: 19 Aug 2021 15:35

Tgt Ion: 75 Resp: 17512
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

