

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082021\
 Data File : VY005805.D
 Acq On : 20 Aug 2021 19:57
 Operator : SY/MD
 Sample : M3463-25
 Misc : 7.96G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 01:11:03 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)

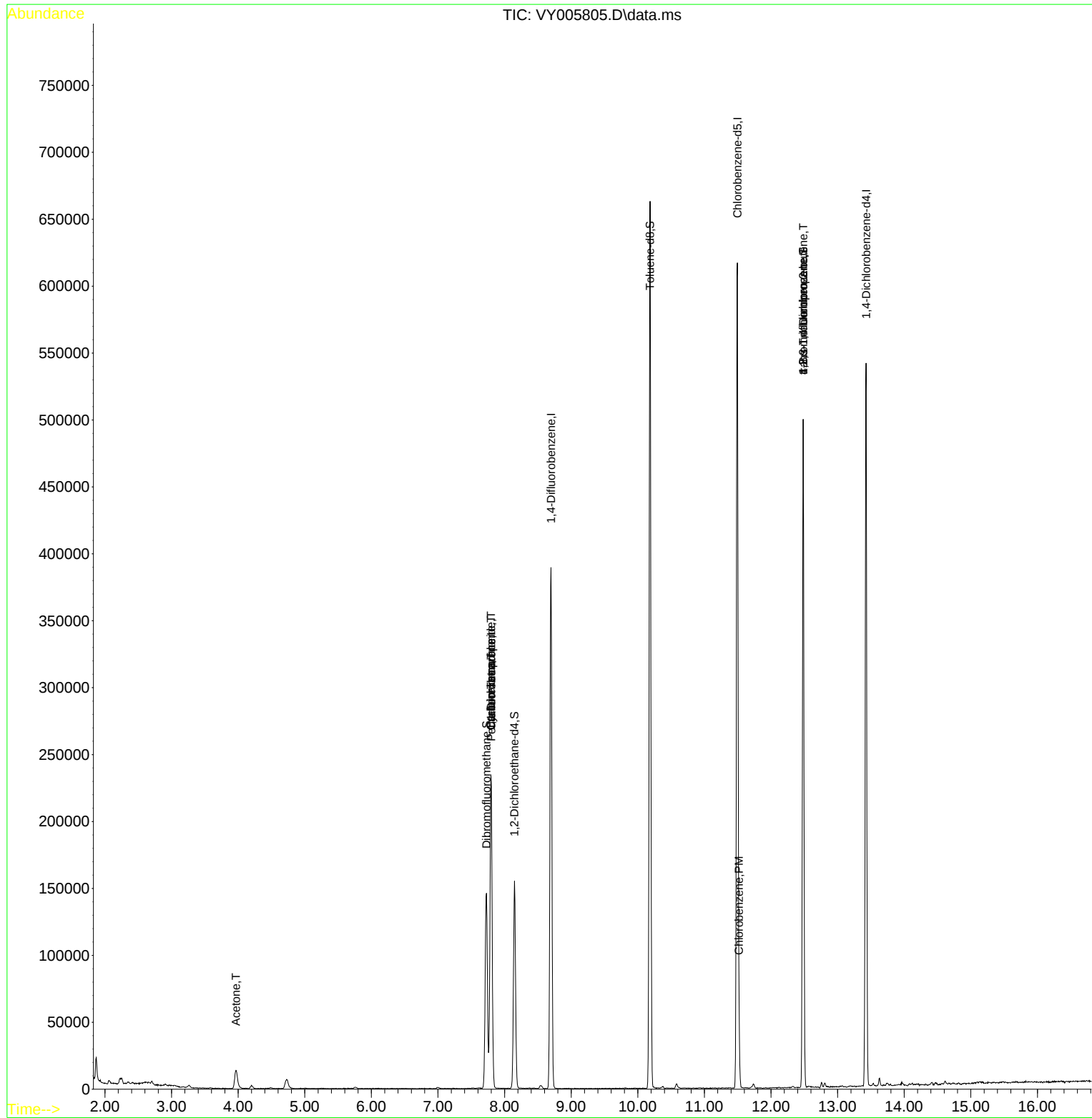
Internal Standards						
1) Pentafluorobenzene	7.801	168	191917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	332395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	328692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	123162	63.398	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.800%	
35) Dibromofluoromethane	7.728	113	99852	53.655	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.320%	
50) Toluene-d8	10.185	98	421883	54.054	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.100%	
62) 4-Bromofluorobenzene	12.483	95	135557	52.448	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.900%	
Target Compounds						Qvalue
16) Acetone	3.966	43	27062	55.252	ug/l	92
20) Methylene Chloride	4.728	84	5235	Below Cal	#	91
31) Cyclohexane	7.795	56	3763	1.129	ug/l #	22
36) 1,1-Dichloropropene	7.795	75	13609	4.365	ug/l #	49
38) Carbon Tetrachloride	7.795	117	16659	4.917	ug/l #	17
65) Chlorobenzene	11.520	112	22836	3.452	ug/l	97
76) 1,2,3-Trichloropropane	12.483	75	75648	51.851	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	75648	104.524	ug/l #	11

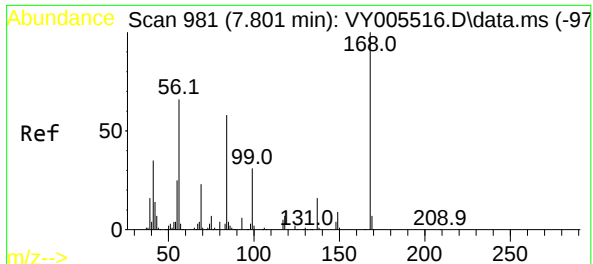
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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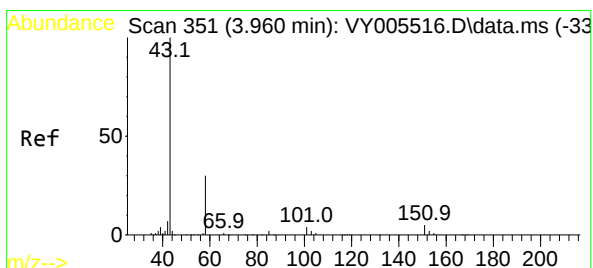
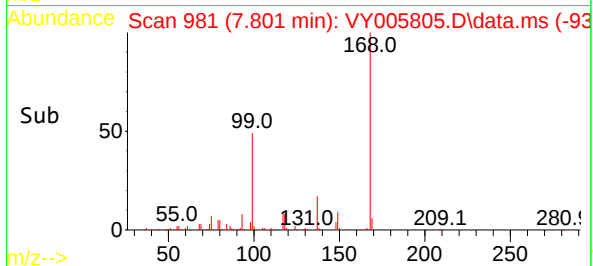
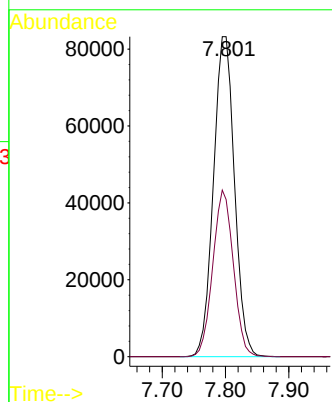
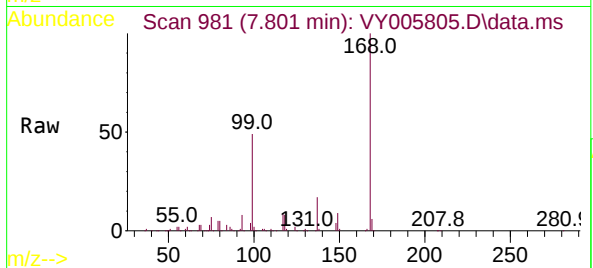




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005805.D
Acq: 20 Aug 2021 19:57

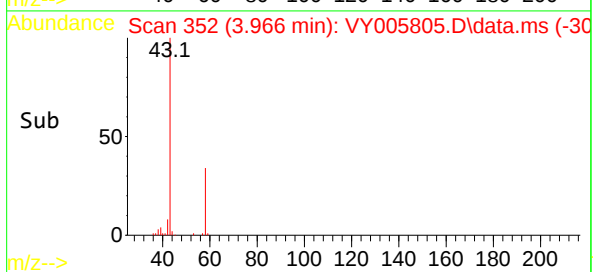
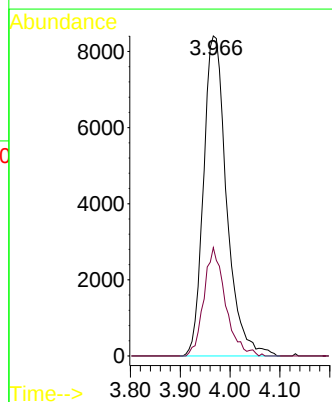
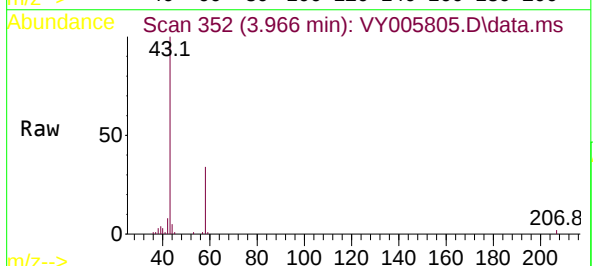
Instrument :
MSVOA_Y
ClientSampled :

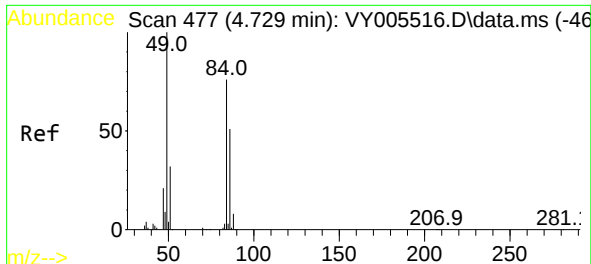
Tgt Ion:168 Resp: 191917
Ion Ratio Lower Upper
168 100
99 49.1 38.9 58.3



#16
Acetone
Concen: 55.252 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005805.D
Acq: 20 Aug 2021 19:57

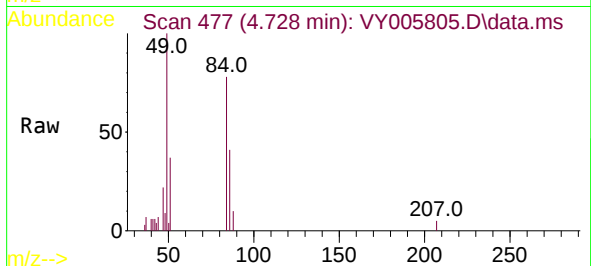
Tgt Ion: 43 Resp: 27062
Ion Ratio Lower Upper
43 100
58 33.8 23.8 35.6





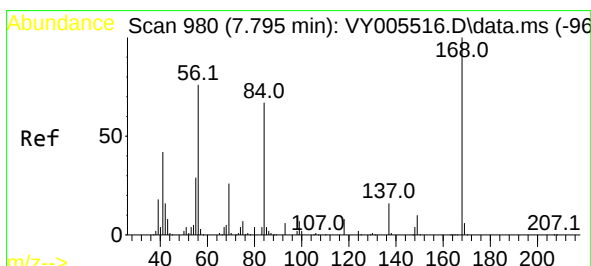
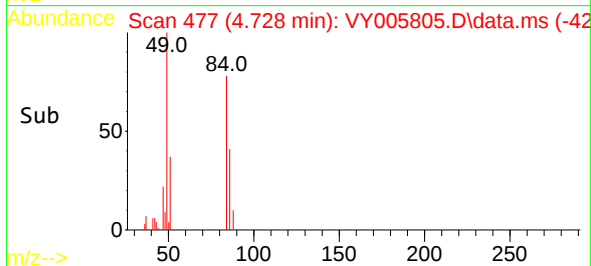
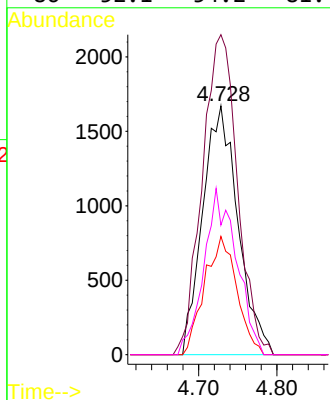
#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005805.D
Acq: 20 Aug 2021 19:57

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 5235

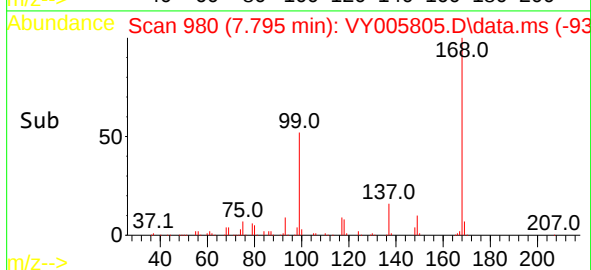
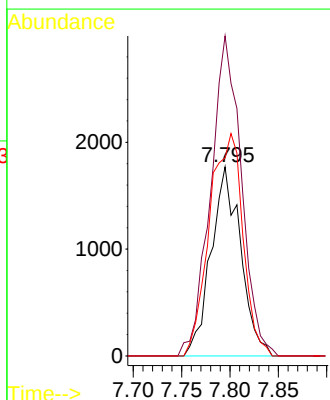
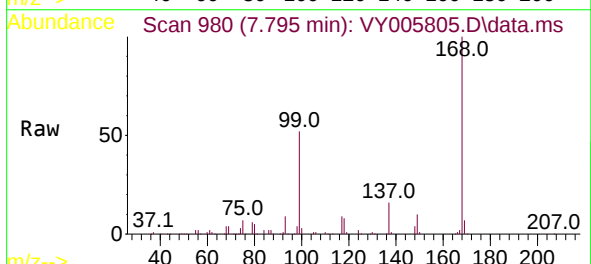
Ion	Ratio	Lower	Upper
84	100		
49	128.6	105.8	158.6
51	47.5	33.4	50.2
86	52.1	54.2	81.4#

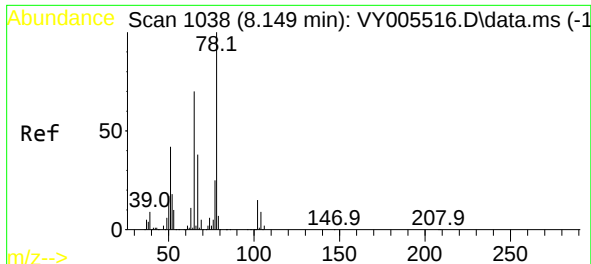


#31
Cyclohexane
Concen: 1.129 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005805.D
Acq: 20 Aug 2021 19:57

Tgt Ion: 56 Resp: 3763

Ion	Ratio	Lower	Upper
56	100		
69	169.2	27.7	41.5#
84	104.7	70.9	106.3

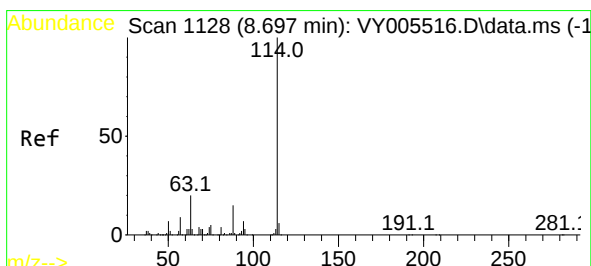
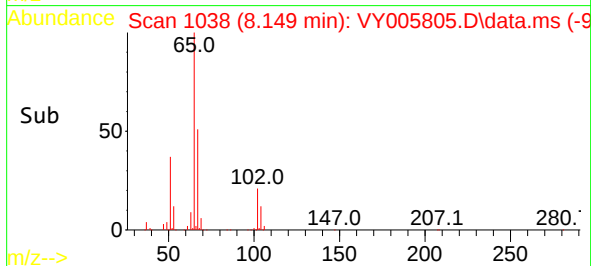
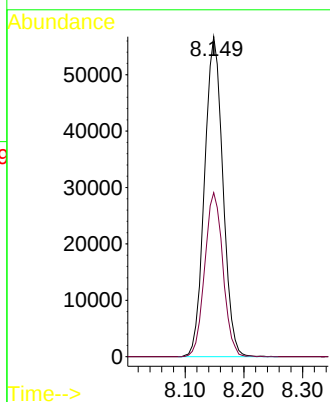
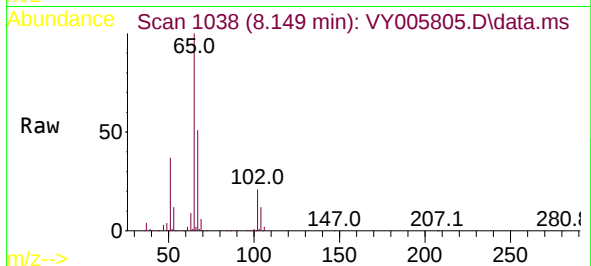




#33
1,2-Dichloroethane-d4
Concen: 63.398 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005805.D
Acq: 20 Aug 2021 19:57

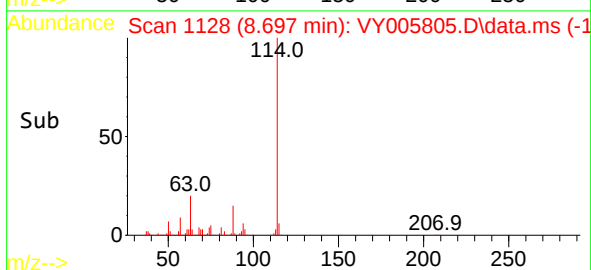
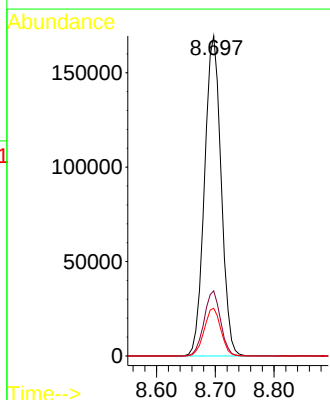
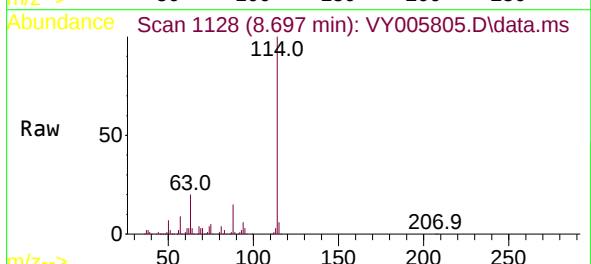
Instrument :
MSVOA_Y
ClientSampled :

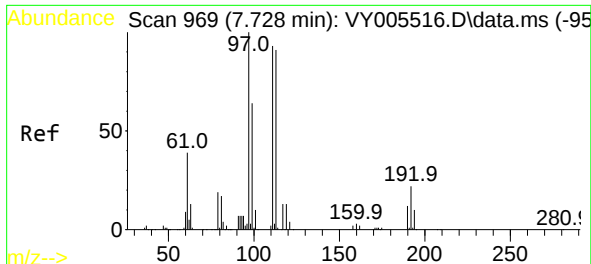
Tgt Ion: 65 Resp: 123162
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005805.D
Acq: 20 Aug 2021 19:57

Tgt Ion:114 Resp: 332395
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.2
88 14.9 0.0 30.8

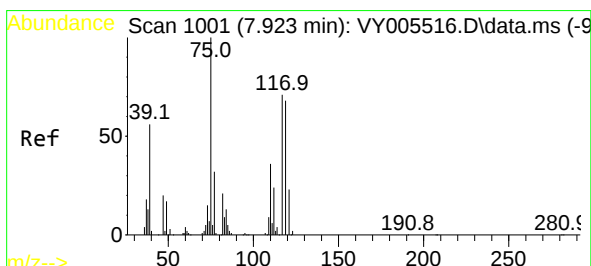
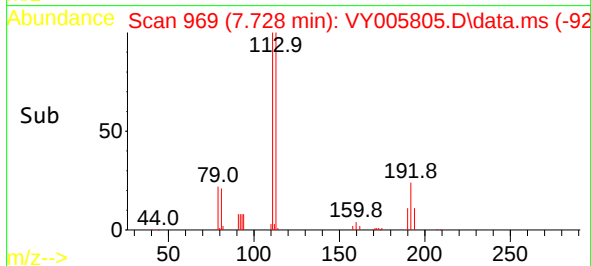
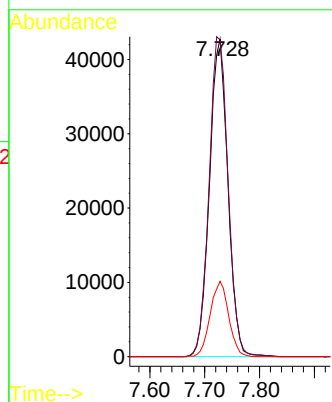
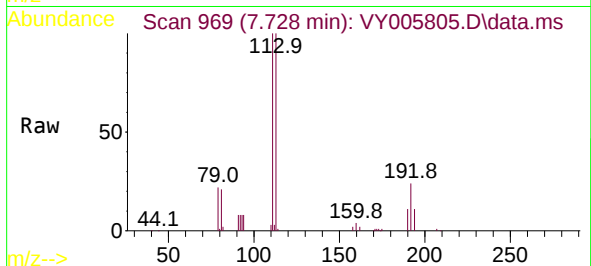




#35
Dibromofluoromethane
Concen: 53.655 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005805.D
Acq: 20 Aug 2021 19:57

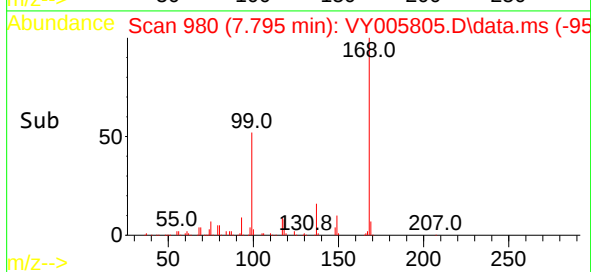
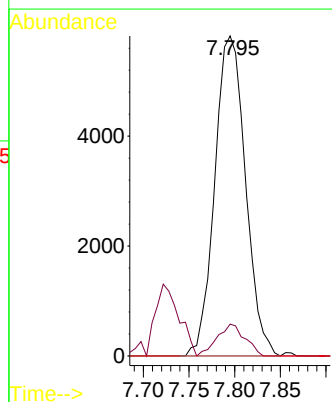
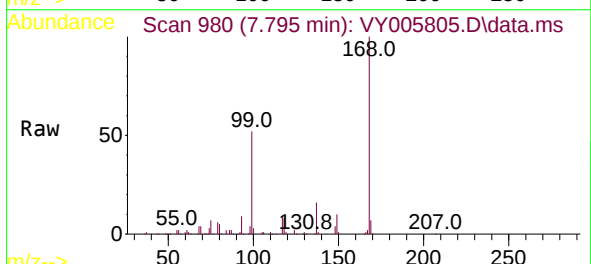
Instrument :
MSVOA_Y
ClientSampled :

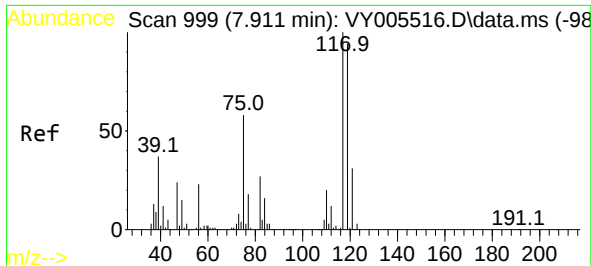
Tgt Ion:113 Resp: 99852
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 23.7 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.365 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005805.D
Acq: 20 Aug 2021 19:57

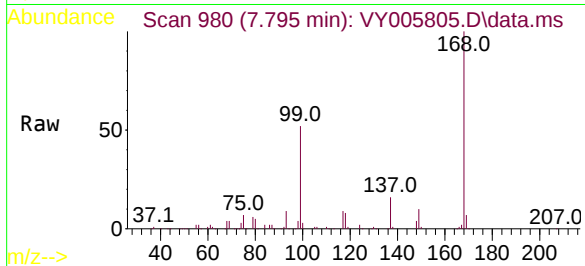
Tgt Ion: 75 Resp: 13609
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.1#
77 0.0 25.1 37.7#



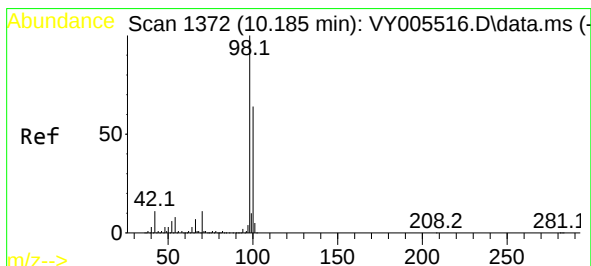
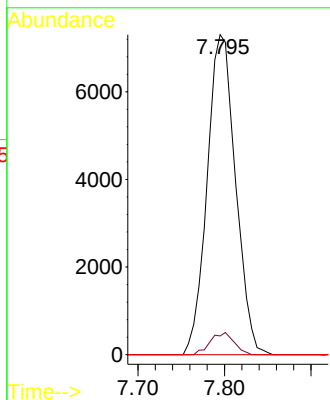
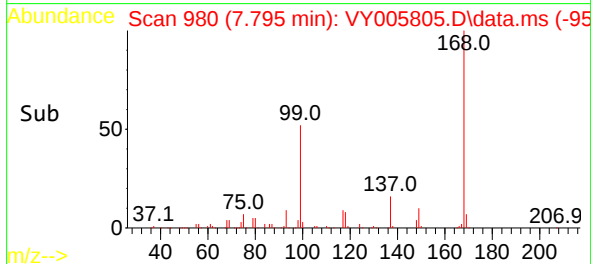


#38
Carbon Tetrachloride
Concen: 4.917 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005805.D
Acq: 20 Aug 2021 19:57

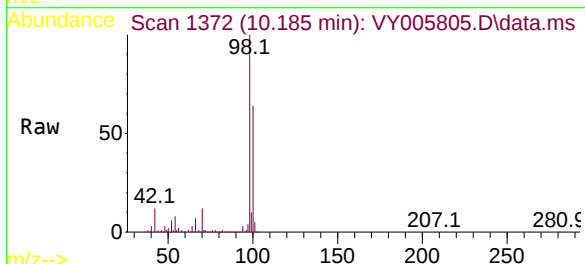
Instrument :
MSVOA_Y
ClientSampled :



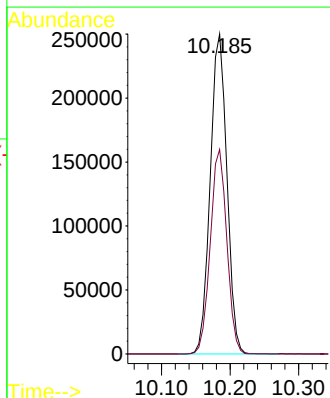
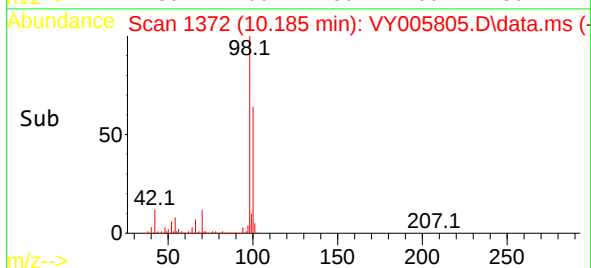
Tgt Ion:117 Resp: 16659
Ion Ratio Lower Upper
117 100
119 5.9 75.4 113.0#
121 0.0 25.1 37.7#

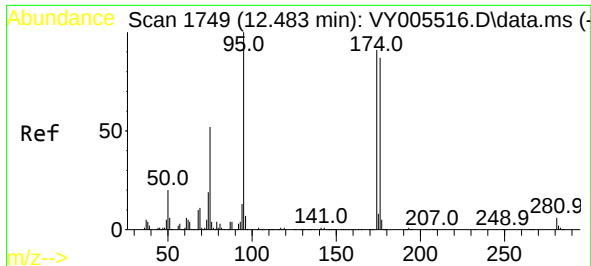


#50
Toluene-d8
Concen: 54.054 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005805.D
Acq: 20 Aug 2021 19:57



Tgt Ion: 98 Resp: 421883
Ion Ratio Lower Upper
98 100
100 63.4 51.3 76.9

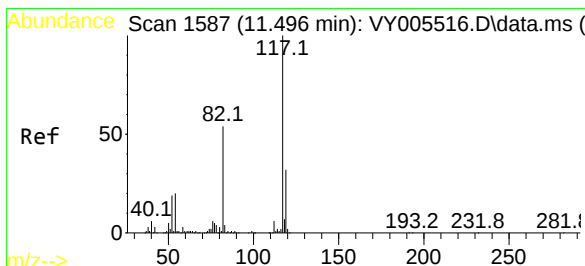
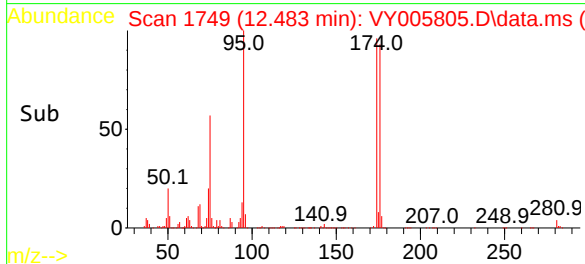
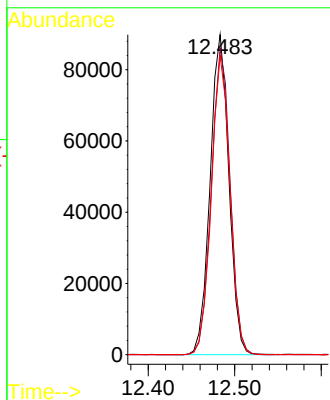
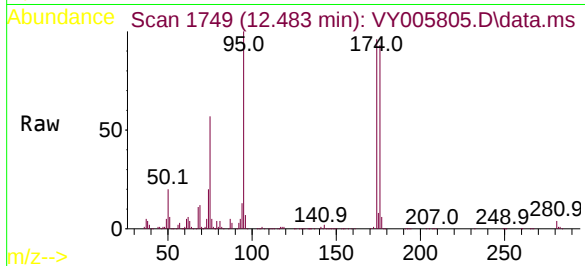




#62
4-Bromofluorobenzene
Concen: 52.448 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005805.D
Acq: 20 Aug 2021 19:57

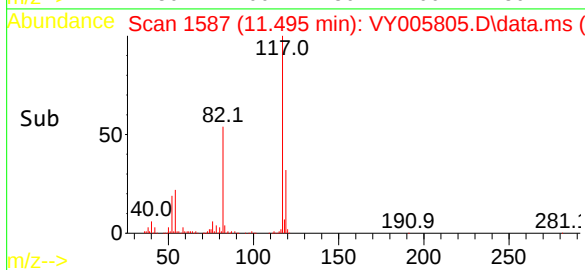
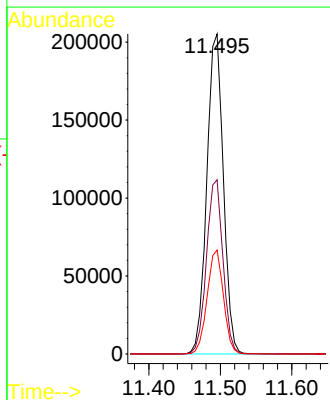
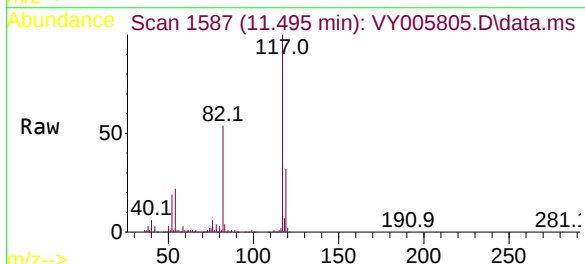
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MSVOA_Y
ClientSampleId :

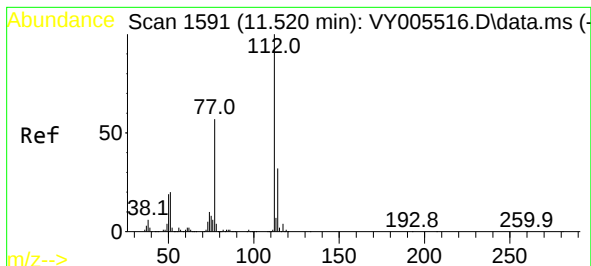
Tgt Ion: 95 Resp: 135557
Ion Ratio Lower Upper
95 100
174 96.0 0.0 191.4
176 92.6 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005805.D
Acq: 20 Aug 2021 19:57

Tgt Ion: 117 Resp: 328692
Ion Ratio Lower Upper
117 100
82 54.5 43.5 65.3
119 32.5 25.5 38.3

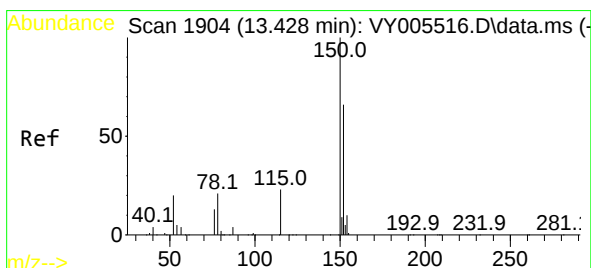
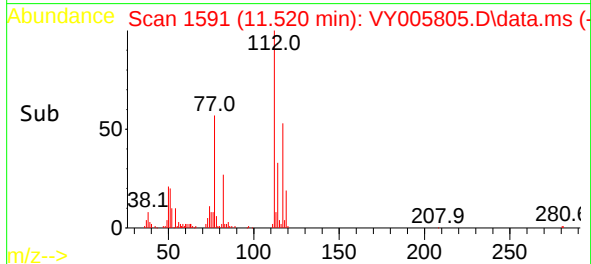
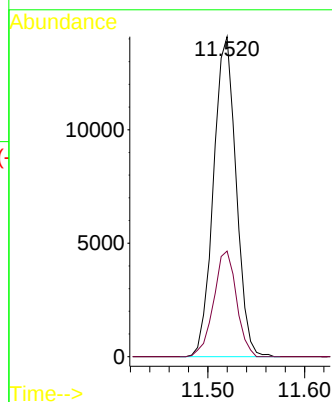
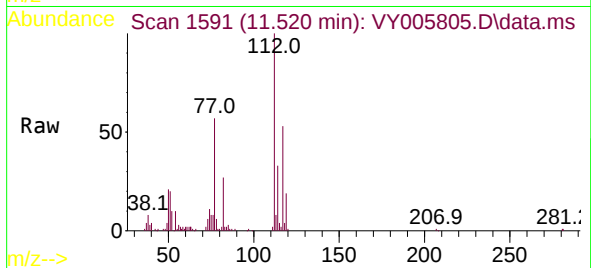




#65
Chlorobenzene
Concen: 3.452 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY005805.D
Acq: 20 Aug 2021 19:57

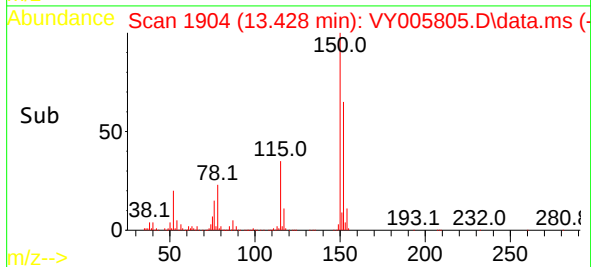
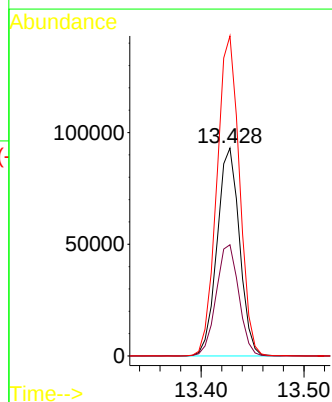
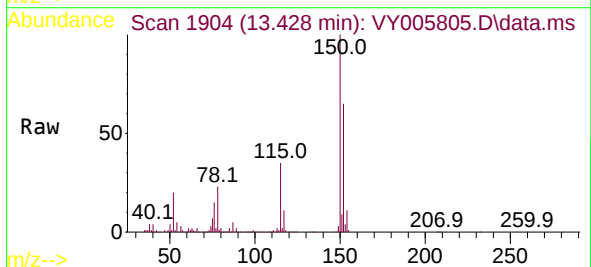
Instrument :
MSVOA_Y
ClientSampled :

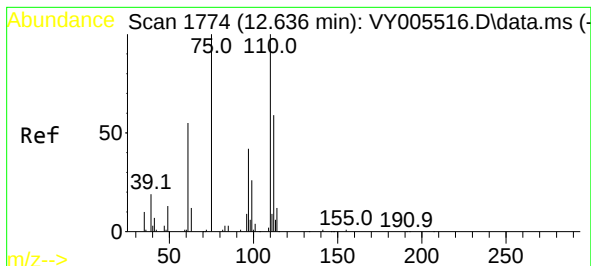
Tgt Ion:112 Resp: 22836
Ion Ratio Lower Upper
112 100
114 33.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005805.D
Acq: 20 Aug 2021 19:57

Tgt Ion:152 Resp: 140787
Ion Ratio Lower Upper
152 100
115 54.1 27.3 81.9
150 155.3 0.0 350.2

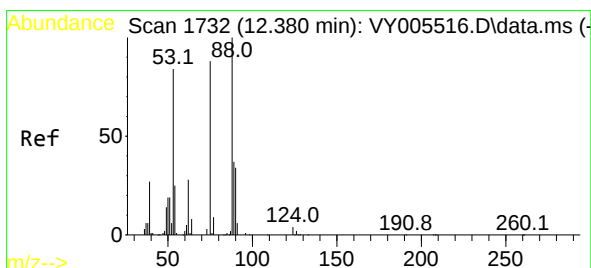
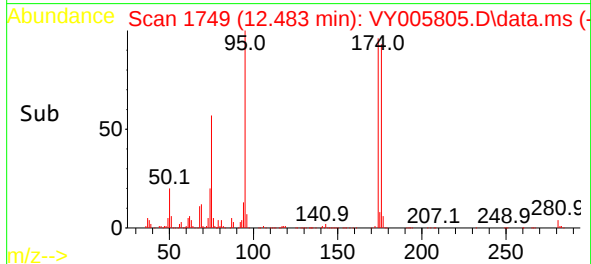
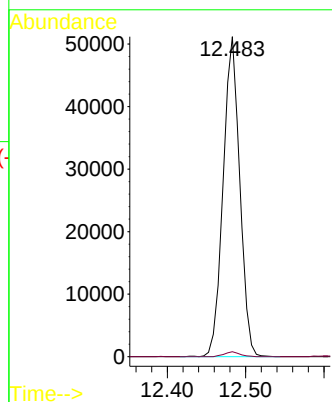
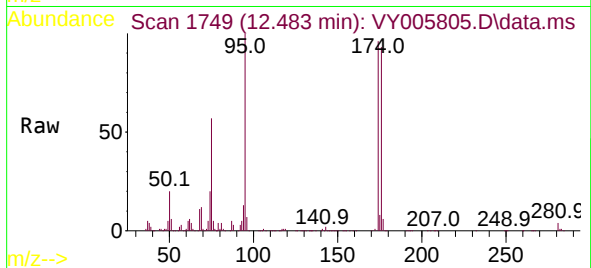




#76
1,2,3-Trichloropropane
Concen: 51.851 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005805.D
Acq: 20 Aug 2021 19:57

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 75648
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.524 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005805.D
Acq: 20 Aug 2021 19:57

Tgt Ion: 75 Resp: 75648
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.0 38.4 57.6#

