

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081921\
 Data File : VY005765.D
 Acq On : 19 Aug 2021 13:39
 Operator : SY/MD
 Sample : M3467-02
 Misc : 5.96G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 20 06:55:45 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)

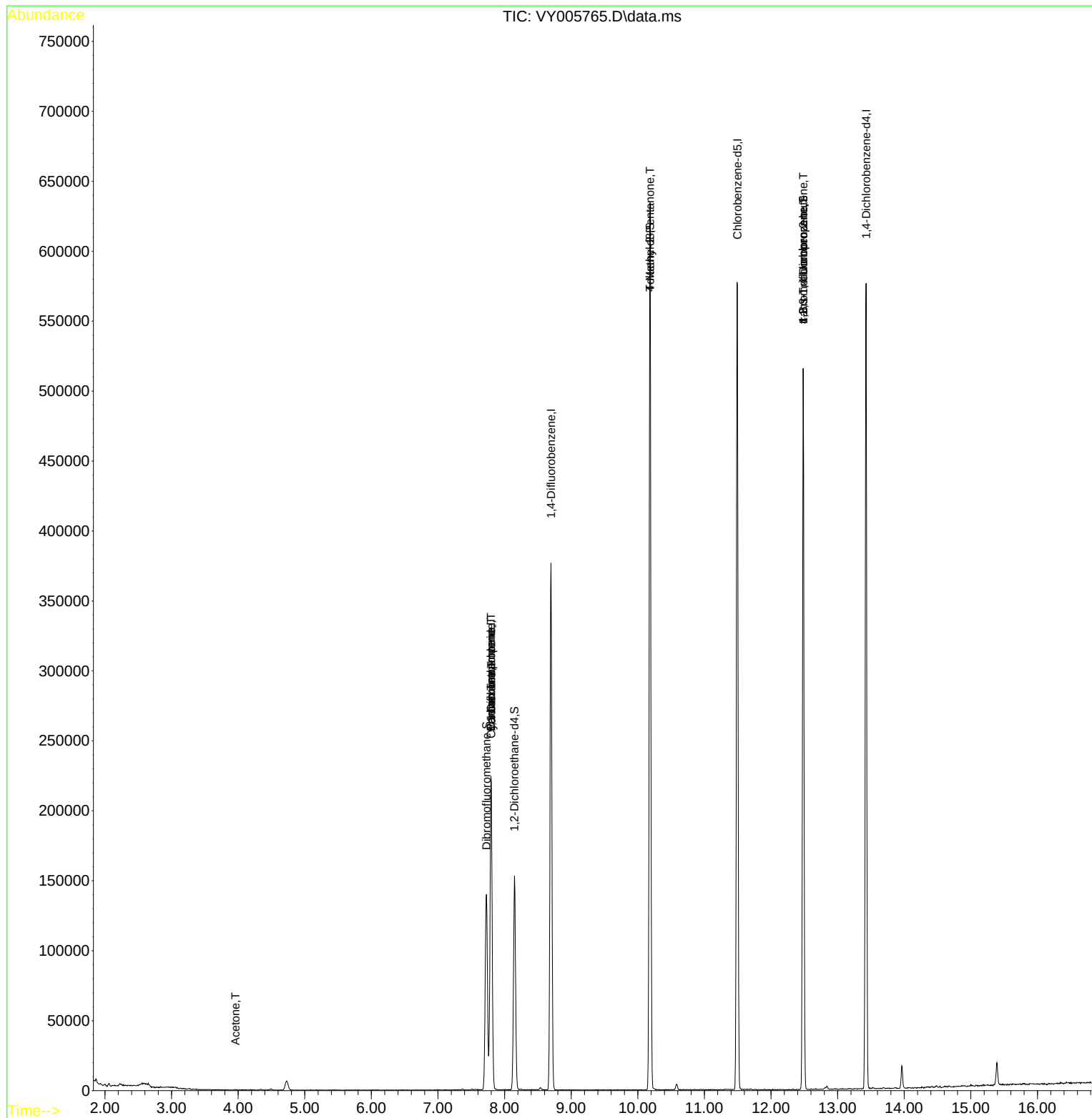
Internal Standards						
1) Pentafluorobenzene	7.795	168	180371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	312955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	316913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	119858	65.647	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.300%
35) Dibromofluoromethane	7.728	113	94736	54.068	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.140%
50) Toluene-d8	10.185	98	403161	54.863	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.720%
62) 4-Bromofluorobenzene	12.483	95	134900	55.436	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.880%
Target Compounds						
16) Acetone	3.960	43	656	1.425	ug/l	93
20) Methylene Chloride	4.728	84	5094	Below Cal	#	81
31) Cyclohexane	7.801	56	3509	1.120	ug/l #	22
36) 1,1-Dichloropropene	7.795	75	13027	4.438	ug/l #	49
38) Carbon Tetrachloride	7.795	117	16327	5.118	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	1871	1.055	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	74851	48.153	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	74851	97.070	ug/l #	11

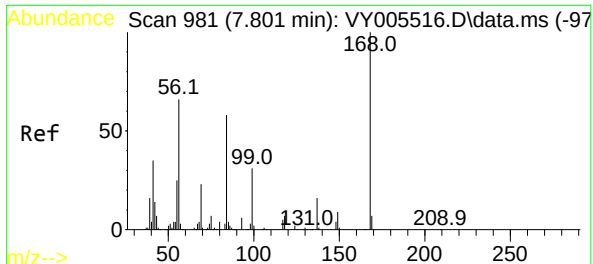
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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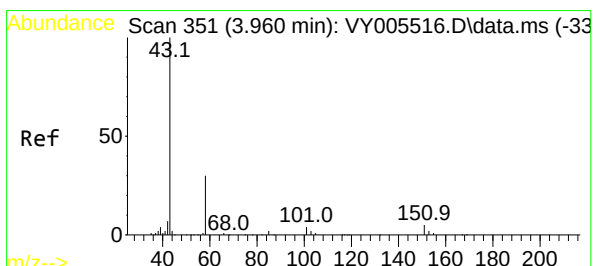
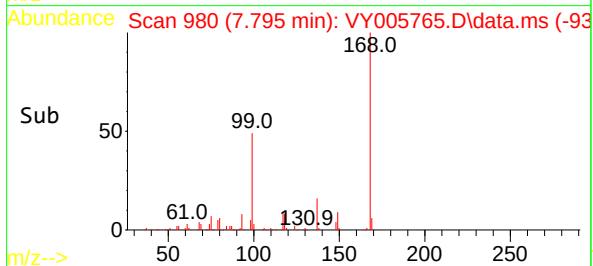
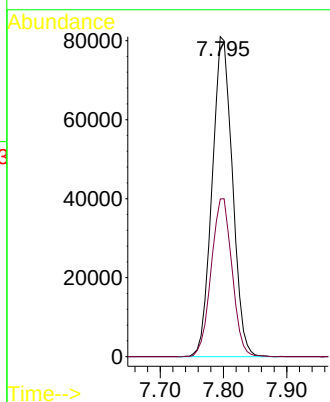
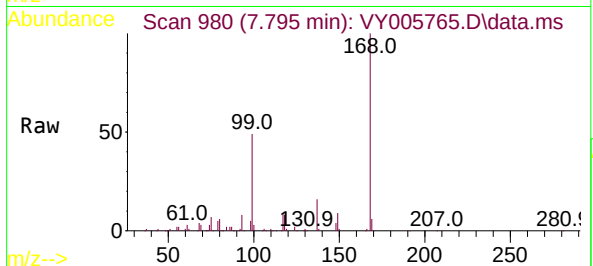




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005765.D
Acq: 19 Aug 2021 13:39

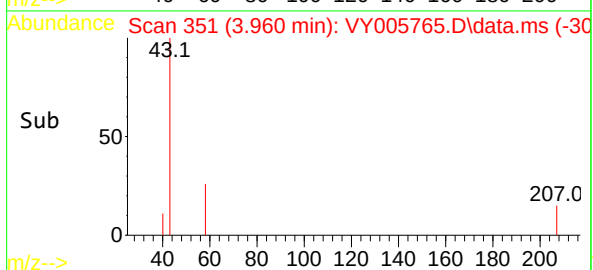
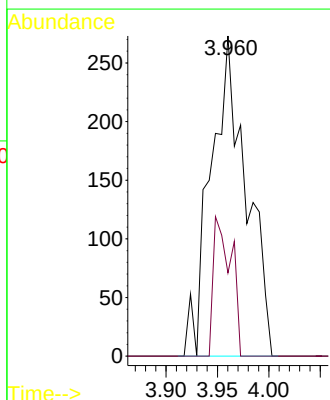
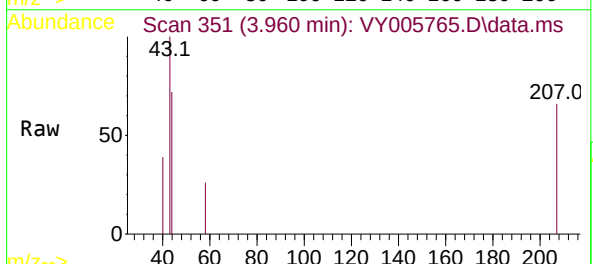
Instrument :
MSVOA_Y
ClientSampleId :

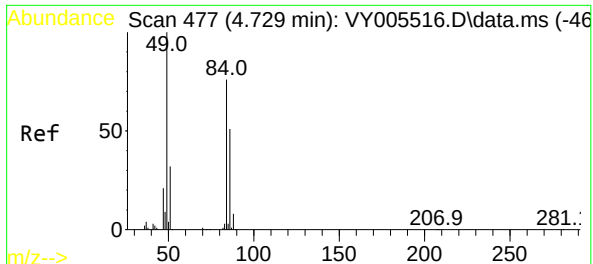
Tgt Ion:168 Resp: 180371
Ion Ratio Lower Upper
168 100
99 49.3 38.9 58.3



#16
Acetone
Concen: 1.425 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005765.D
Acq: 19 Aug 2021 13:39

Tgt Ion: 43 Resp: 656
Ion Ratio Lower Upper
43 100
58 26.0 23.8 35.6

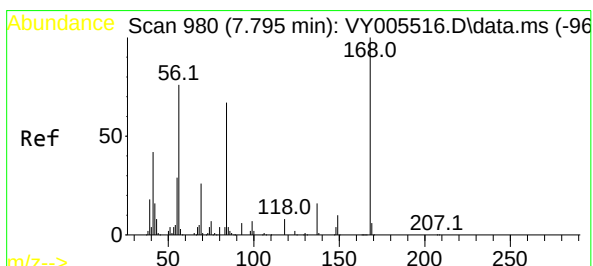
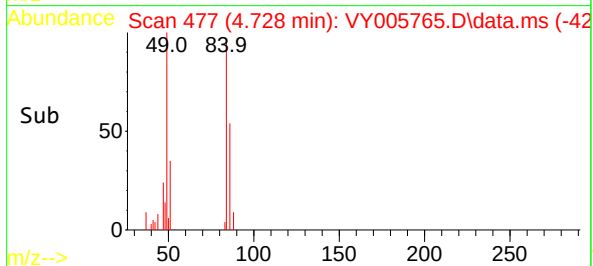
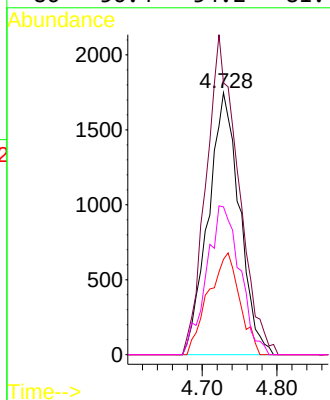
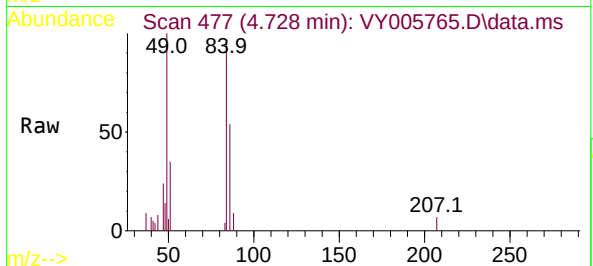




#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005765.D
Acq: 19 Aug 2021 13:39

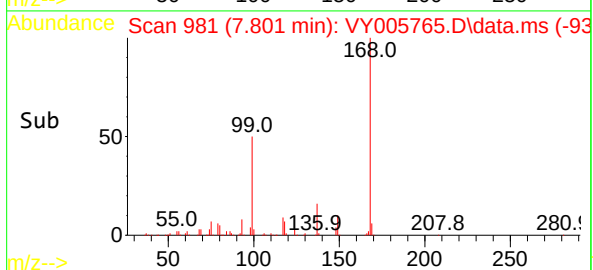
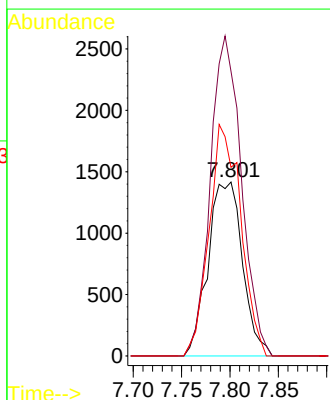
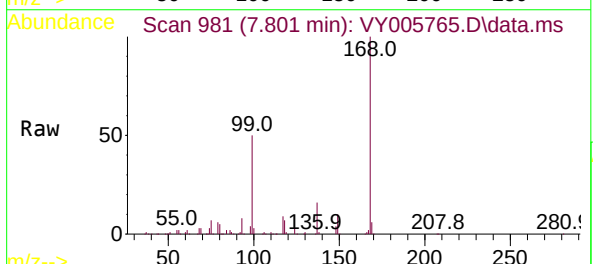
Instrument :
MSVOA_Y
ClientSampleId :

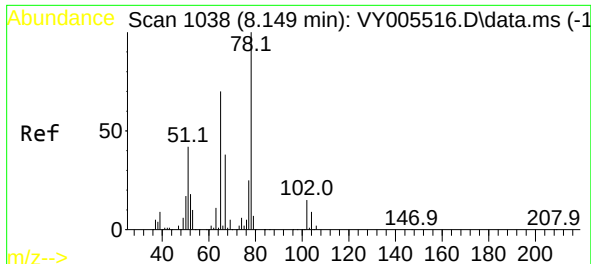
Tgt Ion:	84	Resp:	5094
Ion	Ratio	Lower	Upper
84	100		
49	103.8	105.8	158.6#
51	36.4	33.4	50.2
86	56.4	54.2	81.4



#31
Cyclohexane
Concen: 1.120 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005765.D
Acq: 19 Aug 2021 13:39

Tgt Ion:	56	Resp:	3509
Ion	Ratio	Lower	Upper
56	100		
69	163.7	27.7	41.5#
84	108.5	70.9	106.3#

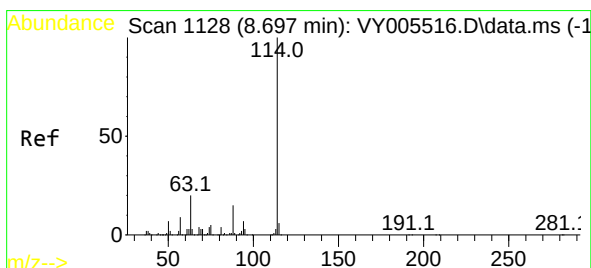
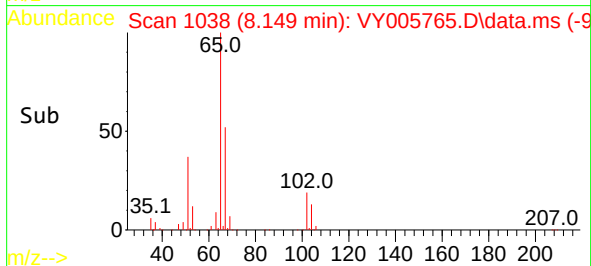
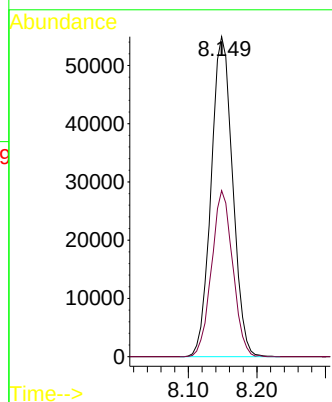
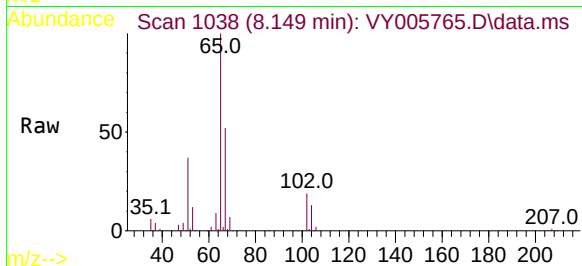




#33
1,2-Dichloroethane-d4
Concen: 65.647 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005765.D
Acq: 19 Aug 2021 13:39

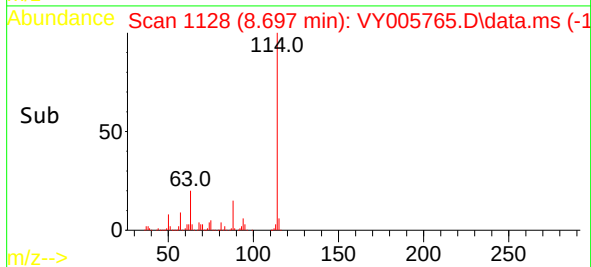
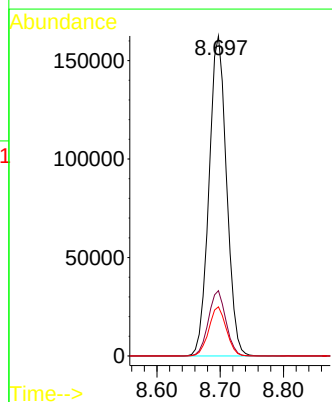
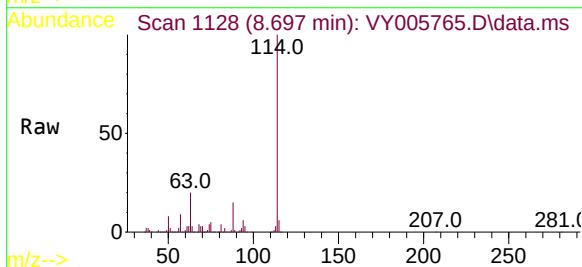
Instrument :
MSVOA_Y
ClientSampled :

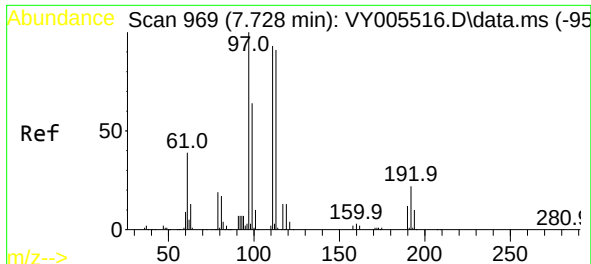
Tgt Ion: 65 Resp: 119858
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005765.D
Acq: 19 Aug 2021 13:39

Tgt Ion:114 Resp: 312955
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.2
88 15.4 0.0 30.8

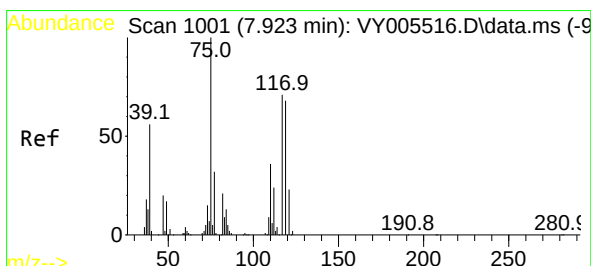
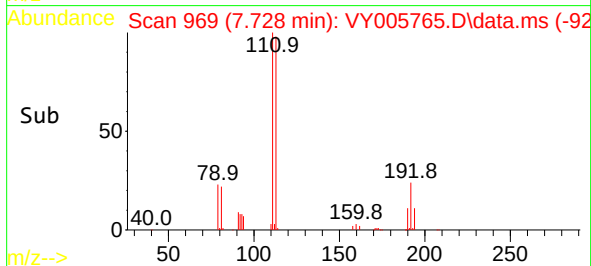
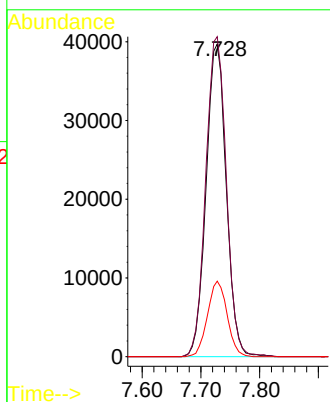
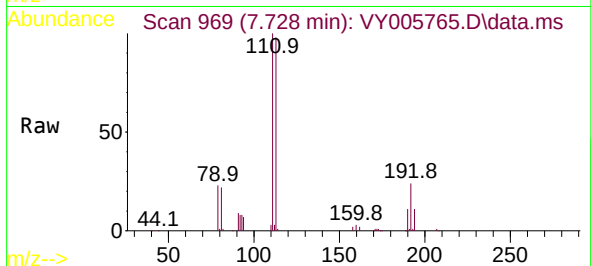




#35
Dibromofluoromethane
Concen: 54.068 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005765.D
Acq: 19 Aug 2021 13:39

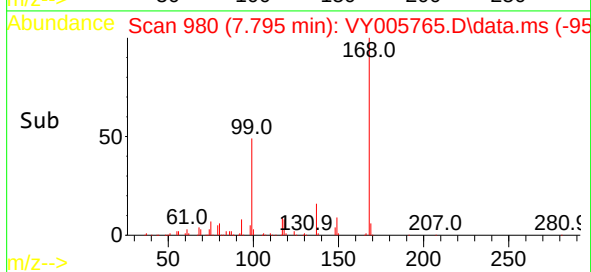
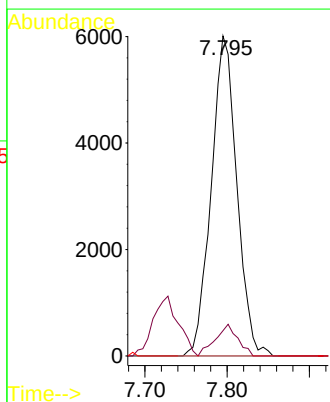
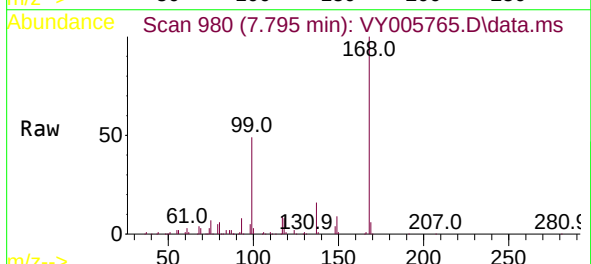
Instrument :
MSVOA_Y
ClientSampleId :

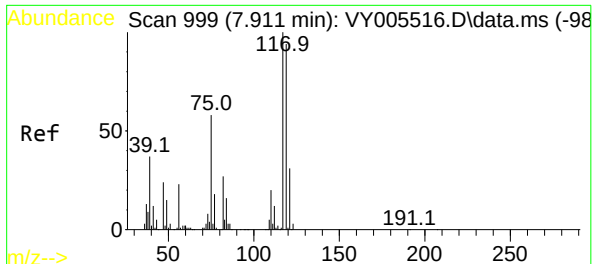
Tgt Ion:113 Resp: 94736
Ion Ratio Lower Upper
113 100
111 104.2 81.9 122.9
192 23.5 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.438 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005765.D
Acq: 19 Aug 2021 13:39

Tgt Ion: 75 Resp: 13027
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.1#
77 0.0 25.1 37.7#

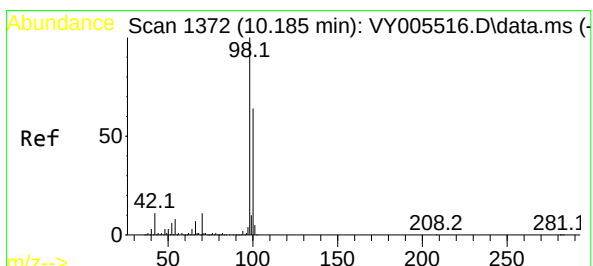
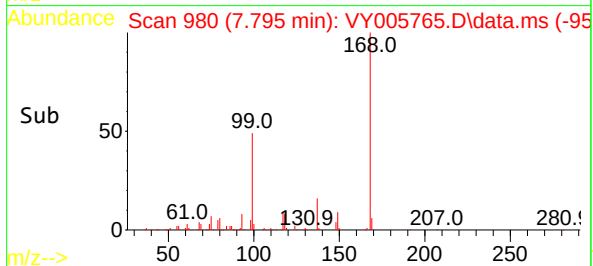
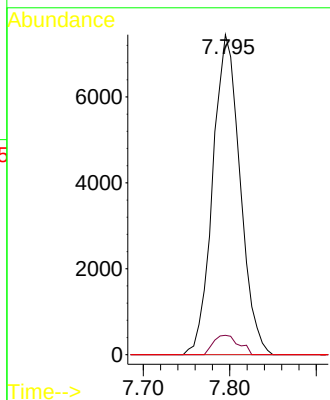
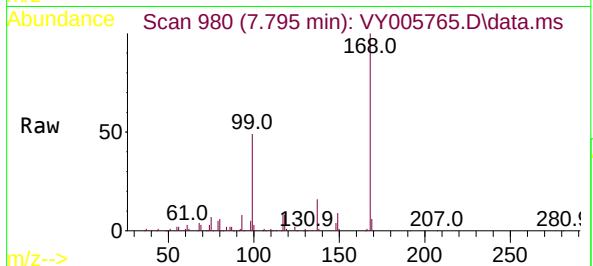




#38
Carbon Tetrachloride
Concen: 5.118 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005765.D
Acq: 19 Aug 2021 13:39

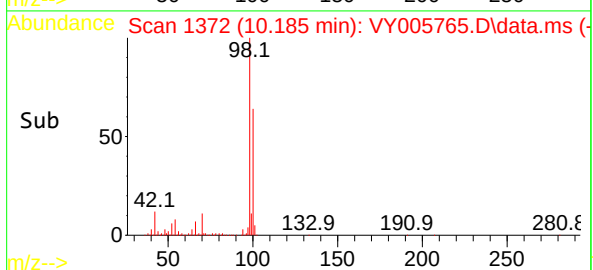
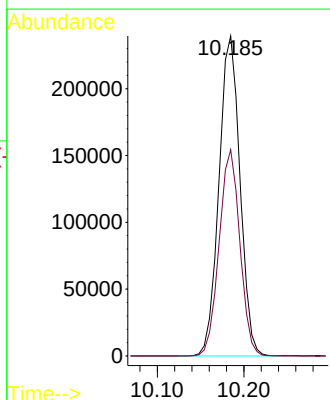
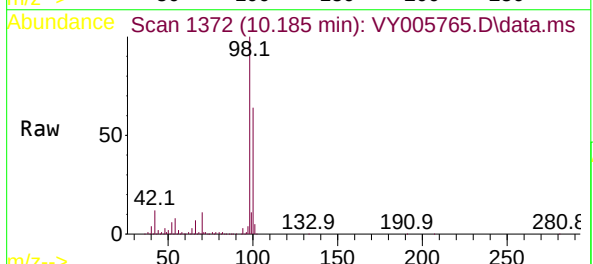
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MSVOA_Y
ClientSampleId :

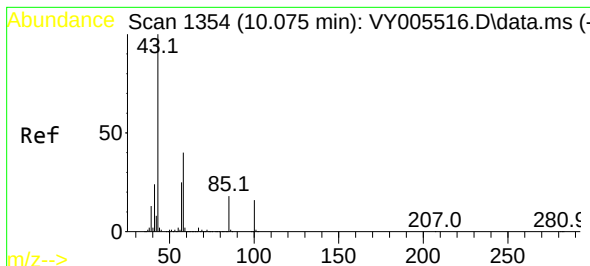
Tgt Ion:117 Resp: 16327
Ion Ratio Lower Upper
117 100
119 6.1 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 54.863 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005765.D
Acq: 19 Aug 2021 13:39

Tgt Ion: 98 Resp: 403161
Ion Ratio Lower Upper
98 100
100 63.5 51.3 76.9

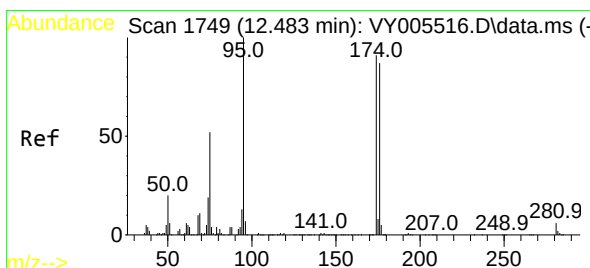
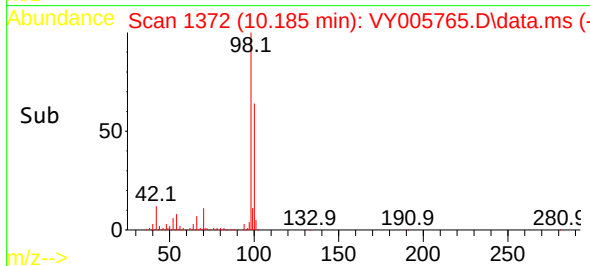
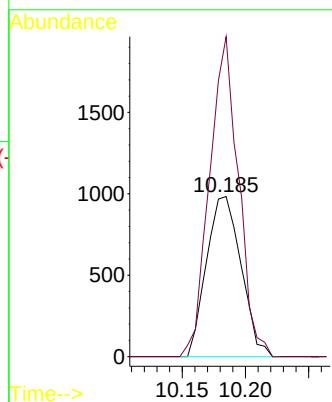
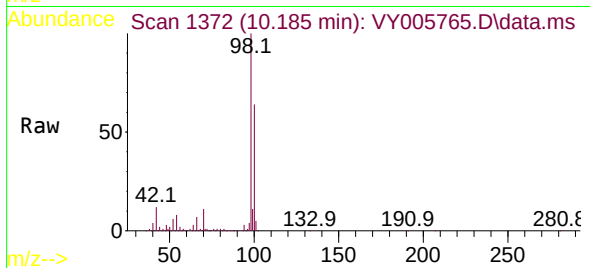




#51
4-Methyl-2-Pentanone
Concen: 1.055 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005765.D
Acq: 19 Aug 2021 13:39

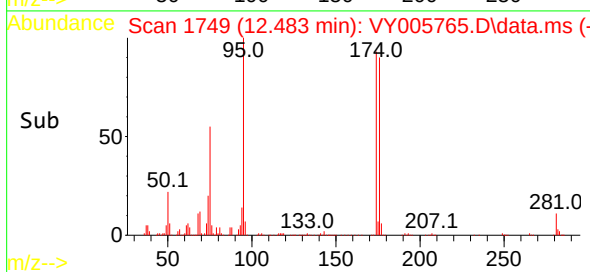
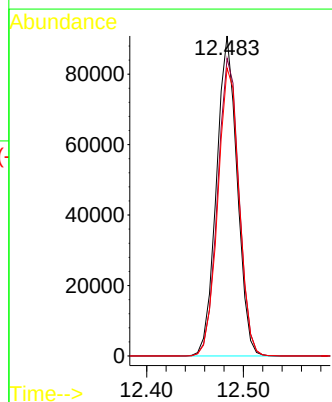
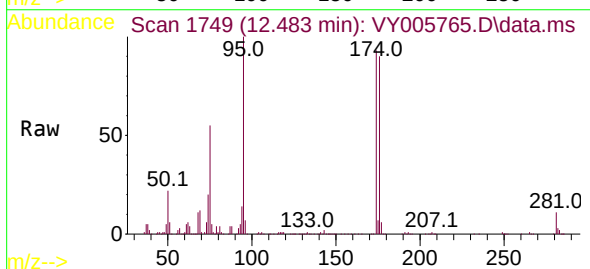
Instrument :
MSVOA_Y
ClientSampled :

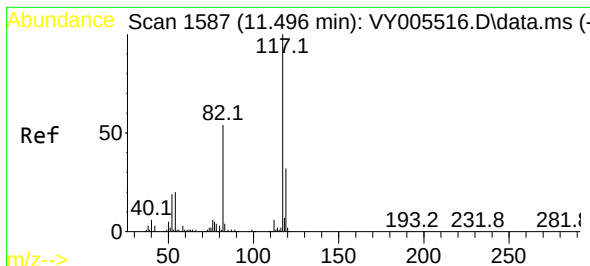
Tgt Ion: 43 Resp: 1871
Ion Ratio Lower Upper
43 100
58 167.9 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 55.436 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005765.D
Acq: 19 Aug 2021 13:39

Tgt Ion: 95 Resp: 134900
Ion Ratio Lower Upper
95 100
174 95.9 0.0 191.4
176 92.7 0.0 183.6

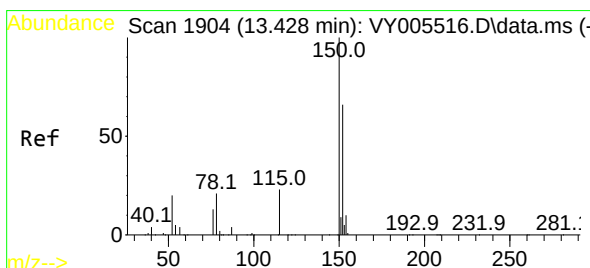
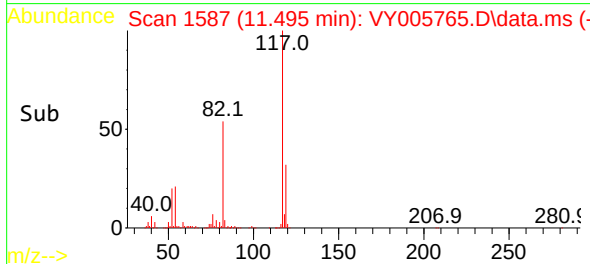
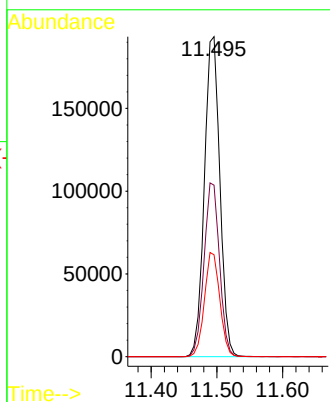
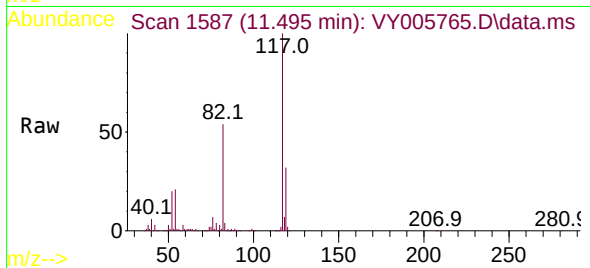




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005765.D
Acq: 19 Aug 2021 13:39

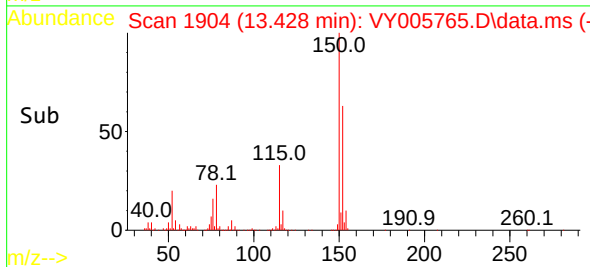
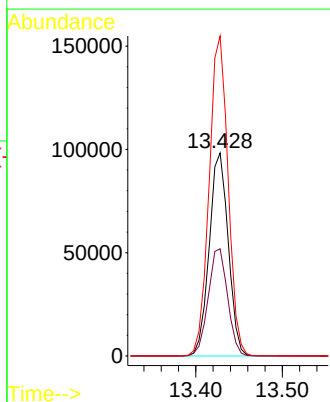
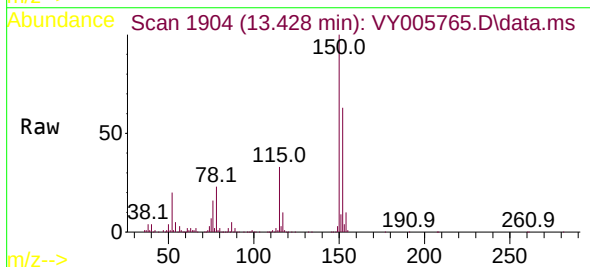
Instrument :
MSVOA_Y
ClientSampled :

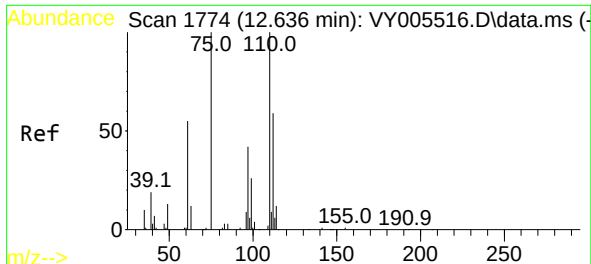
Tgt Ion:117 Resp: 316913
Ion Ratio Lower Upper
117 100
82 53.6 43.5 65.3
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005765.D
Acq: 19 Aug 2021 13:39

Tgt Ion:152 Resp: 150001
Ion Ratio Lower Upper
152 100
115 53.8 27.3 81.9
150 156.6 0.0 350.2

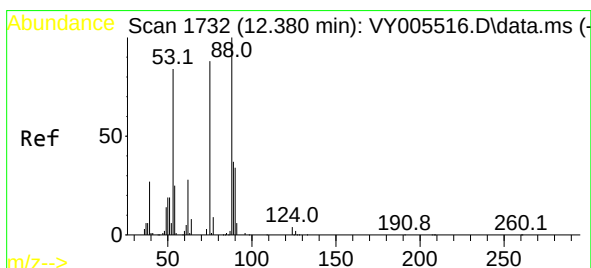
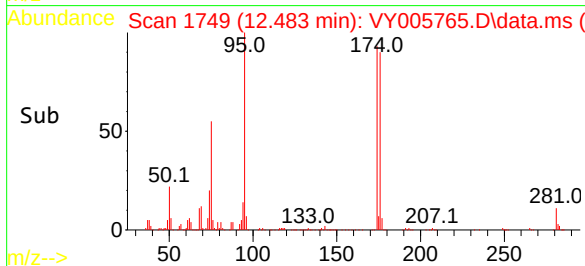
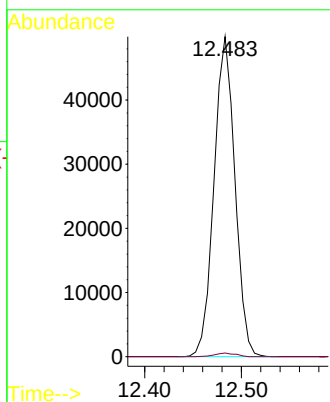
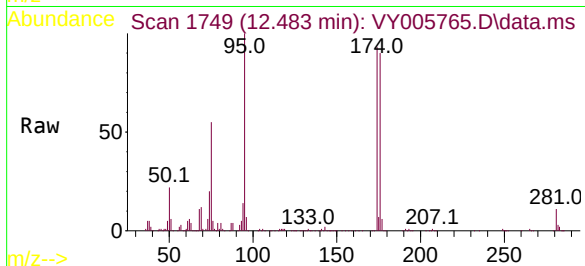




#76
1,2,3-Trichloropropane
Concen: 48.153 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005765.D
Acq: 19 Aug 2021 13:39

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 74851
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.070 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005765.D
Acq: 19 Aug 2021 13:39

Tgt Ion: 75 Resp: 74851
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.1 38.4 57.6#

