

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081721\
 Data File : VY005720.D
 Acq On : 17 Aug 2021 19:02
 Operator : SY/MD
 Sample : M3430-02
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-2

Quant Time: Aug 18 01:53:21 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)

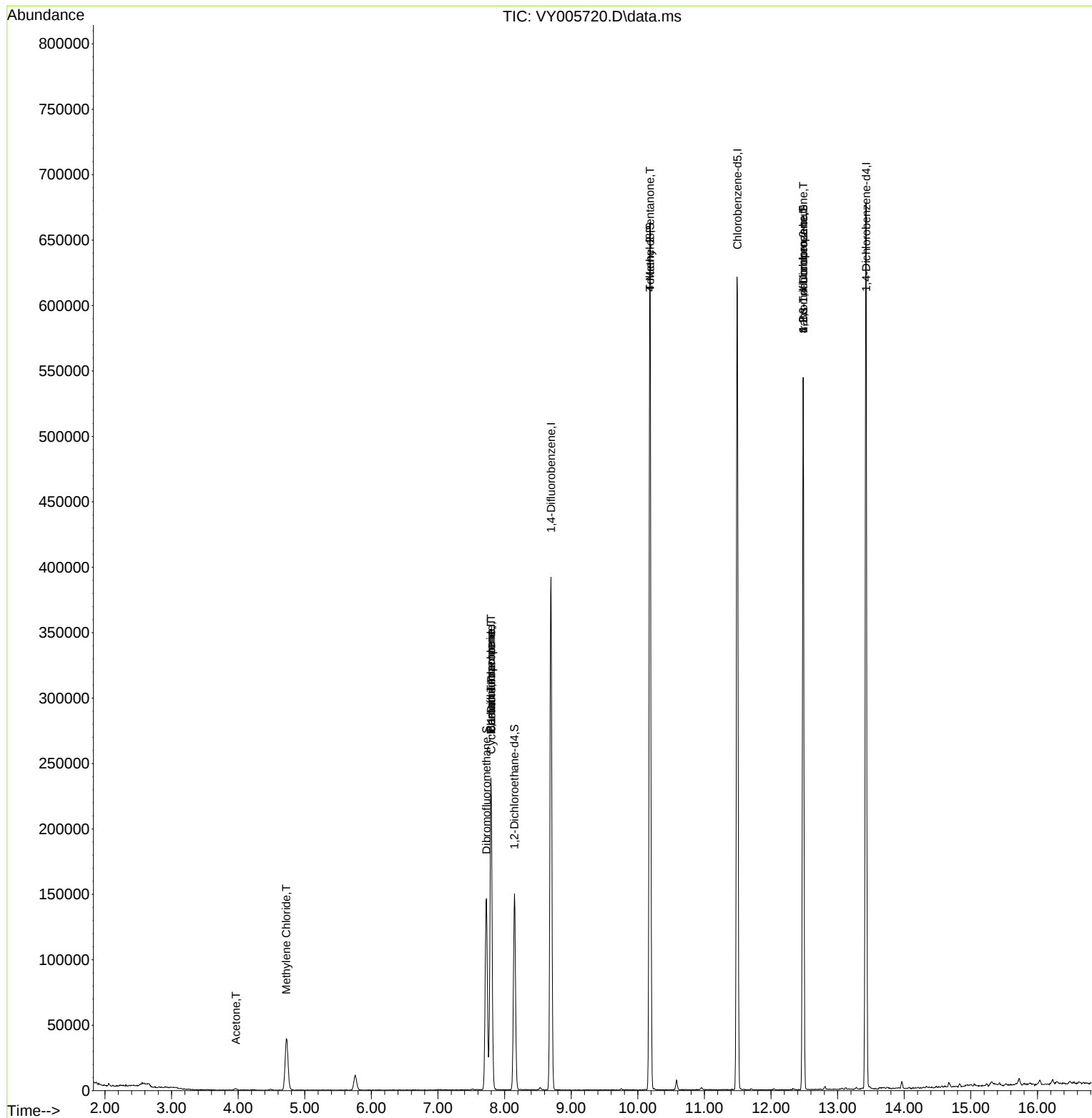
Internal Standards						
1) Pentafluorobenzene	7.795	168	188856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	326960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	337314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	174758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	121038	63.315	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.620%	
35) Dibromofluoromethane	7.728	113	98199	53.644	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.280%	
50) Toluene-d8	10.185	98	427118	55.634	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.260%	
62) 4-Bromofluorobenzene	12.483	95	149569	58.831	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.660%	
Target Compounds						Qvalue
16) Acetone	3.966	43	2094	4.345	ug/l	96
20) Methylene Chloride	4.722	84	29135	10.454	ug/l	90
31) Cyclohexane	7.801	56	3828	1.167	ug/l #	30
36) 1,1-Dichloropropene	7.795	75	13987	4.561	ug/l #	50
38) Carbon Tetrachloride	7.795	117	17300	5.191	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	1915	1.034	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	82926	45.790	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	82926	92.307	ug/l #	11

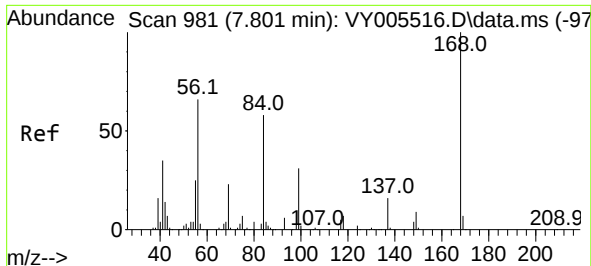
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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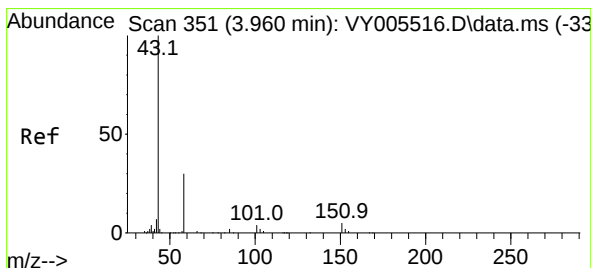
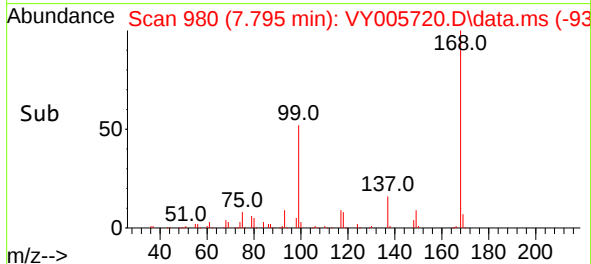
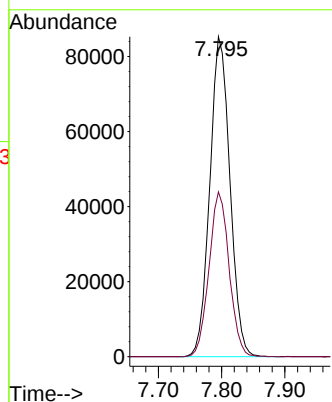
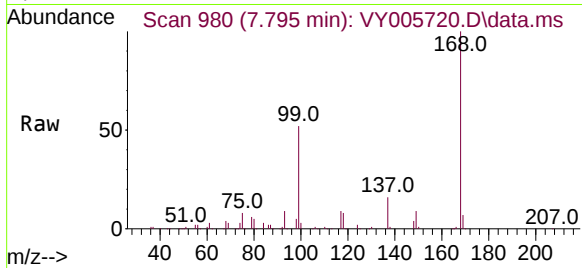




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005720.D
Acq: 17 Aug 2021 19:02

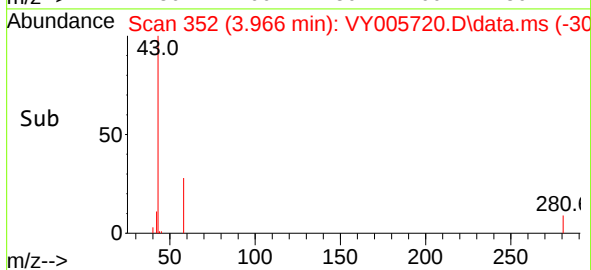
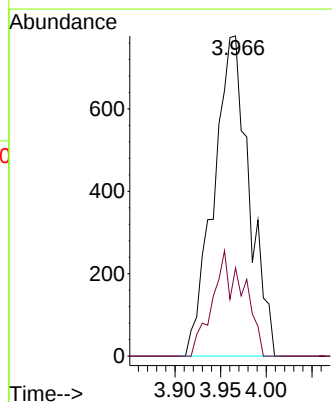
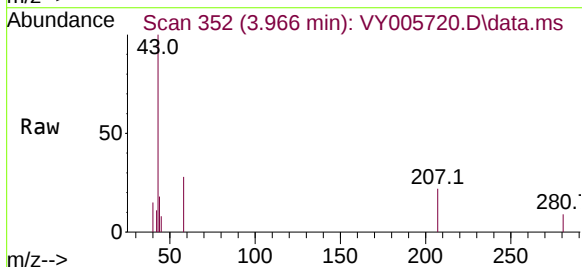
Instrument :
MSVOA_Y
ClientSampled :
PE-2

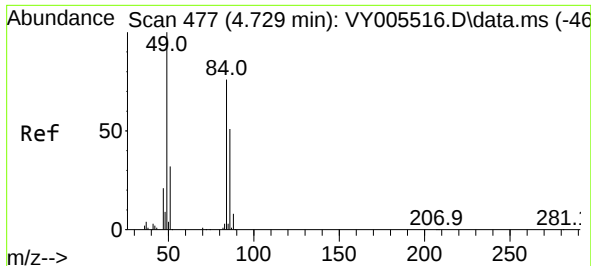
Tgt Ion:168 Resp: 188856
Ion Ratio Lower Upper
168 100
99 51.5 38.9 58.3



#16
Acetone
Concen: 4.345 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005720.D
Acq: 17 Aug 2021 19:02

Tgt Ion: 43 Resp: 2094
Ion Ratio Lower Upper
43 100
58 27.5 23.8 35.6





#20

Methylene Chloride

Concen: 10.454 ug/l

RT: 4.722 min Scan# 476

Delta R.T. -0.007 min

Lab File: VY005720.D

Acq: 17 Aug 2021 19:02

Tgt Ion: 84 Resp: 29135

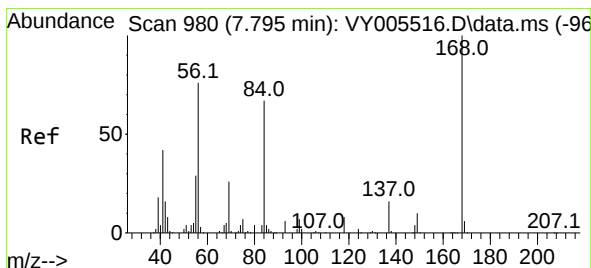
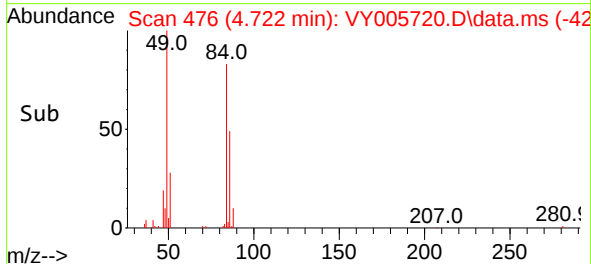
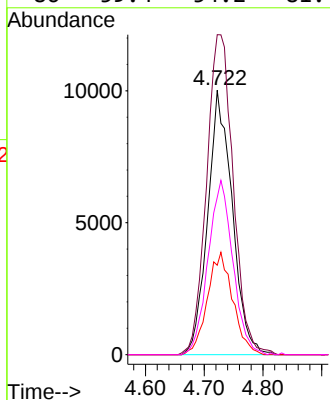
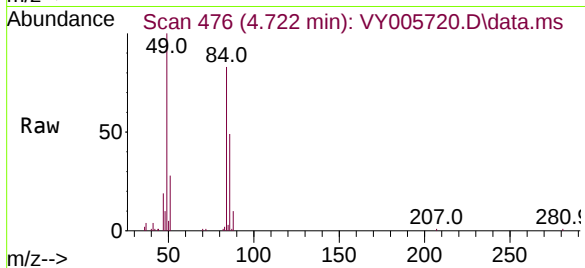
Ion Ratio Lower Upper

84 100

49 121.0 105.8 158.6

51 33.8 33.4 50.2

86 59.4 54.2 81.4



#31

Cyclohexane

Concen: 1.167 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.006 min

Lab File: VY005720.D

Acq: 17 Aug 2021 19:02

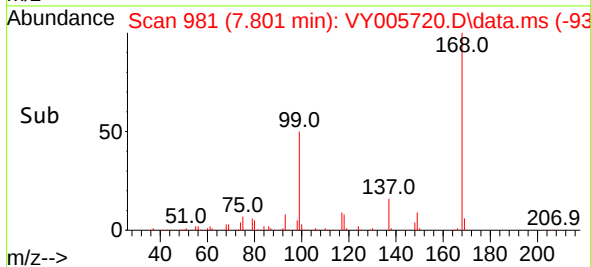
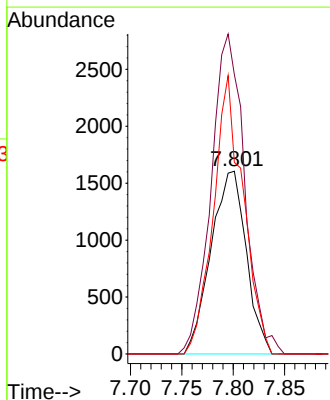
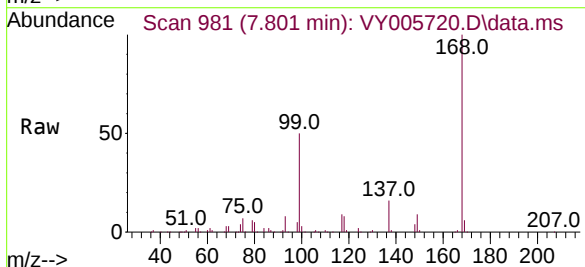
Tgt Ion: 56 Resp: 3828

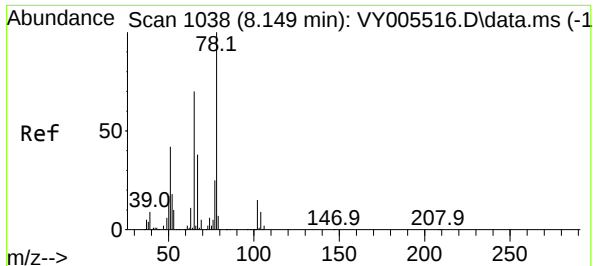
Ion Ratio Lower Upper

56 100

69 152.9 27.7 41.5#

84 104.8 70.9 106.3

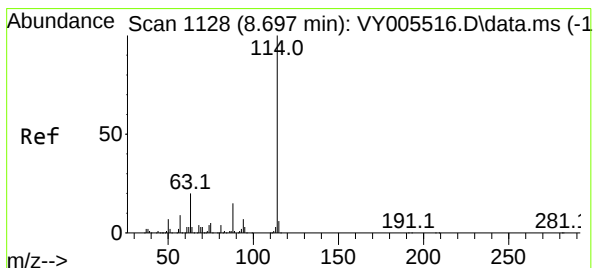
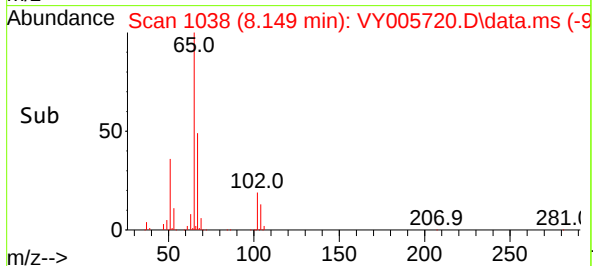
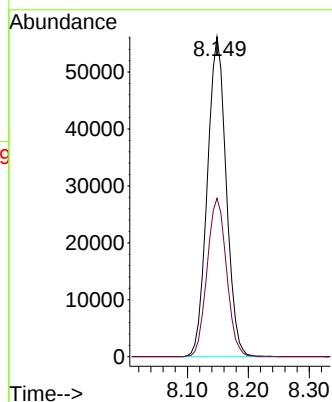
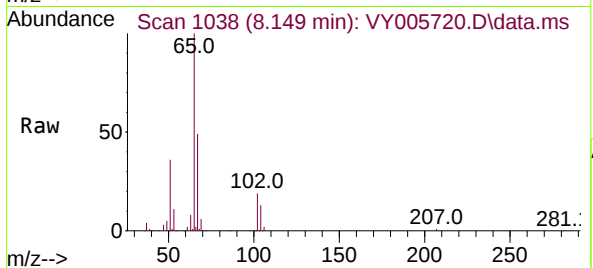




#33
1,2-Dichloroethane-d4
Concen: 63.315 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005720.D
Acq: 17 Aug 2021 19:02

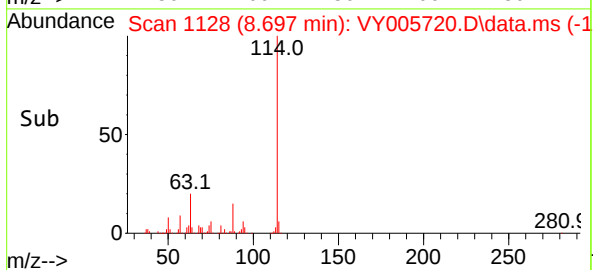
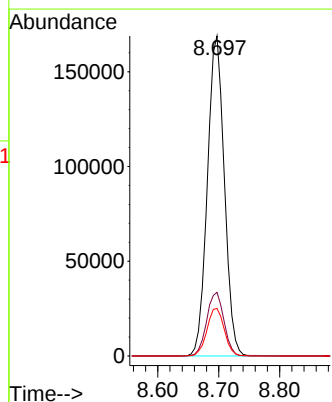
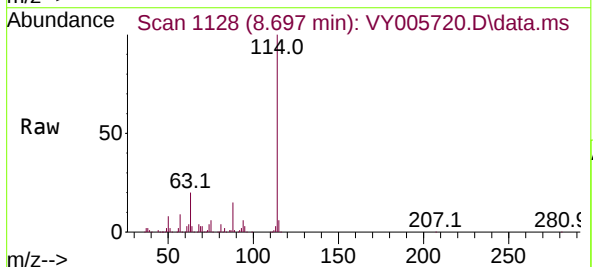
Instrument :
MSVOA_Y
ClientSampled :
PE-2

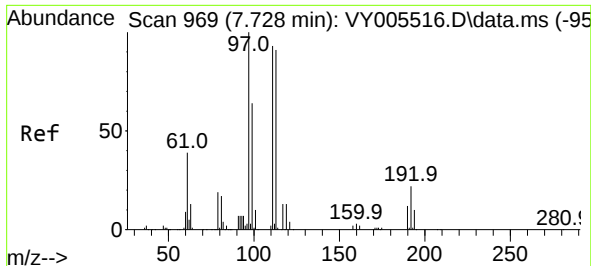
Tgt Ion: 65 Resp: 121038
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005720.D
Acq: 17 Aug 2021 19:02

Tgt Ion:114 Resp: 326960
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.2
88 14.8 0.0 30.8

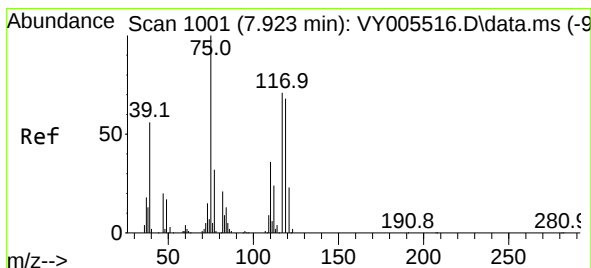
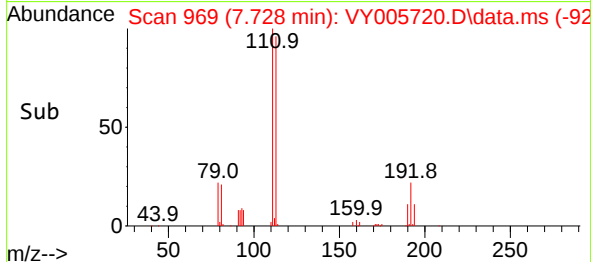
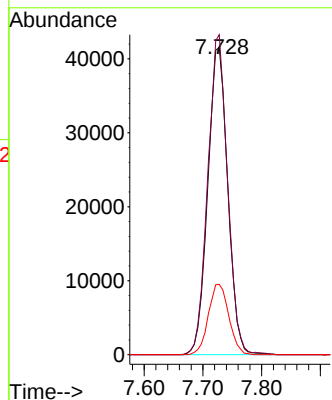
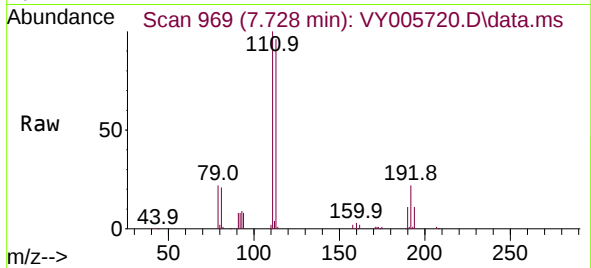




#35
Dibromofluoromethane
Concen: 53.644 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005720.D
Acq: 17 Aug 2021 19:02

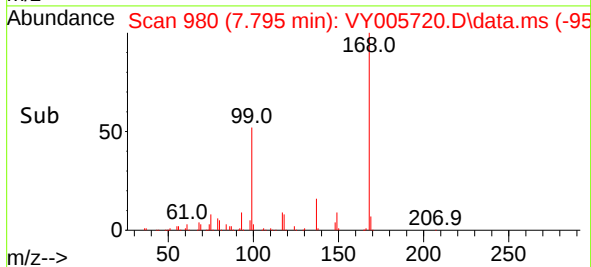
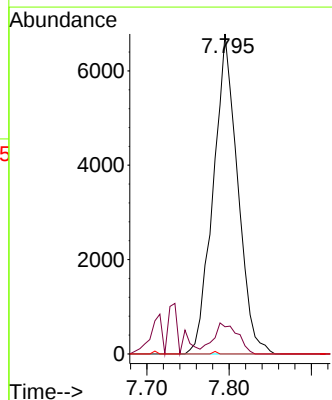
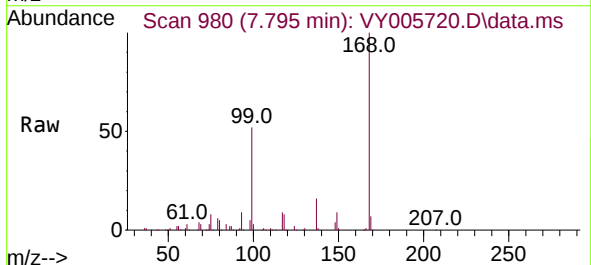
Instrument :
MSVOA_Y
ClientSampleId :
PE-2

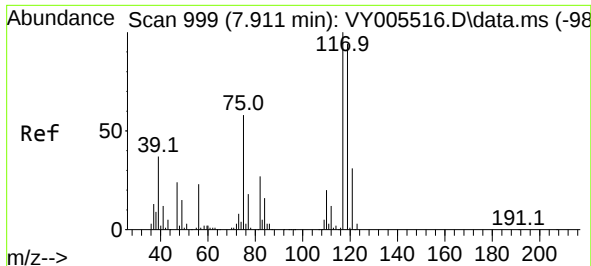
Tgt Ion:113 Resp: 98199
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 23.4 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.561 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005720.D
Acq: 17 Aug 2021 19:02

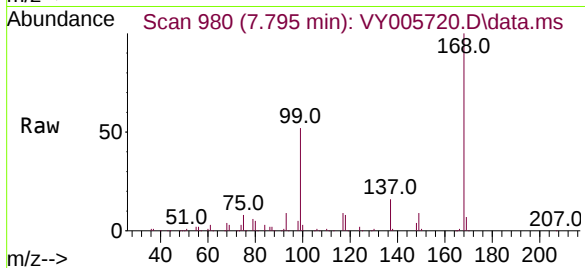
Tgt Ion: 75 Resp: 13987
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.1#
77 0.1 25.1 37.7#



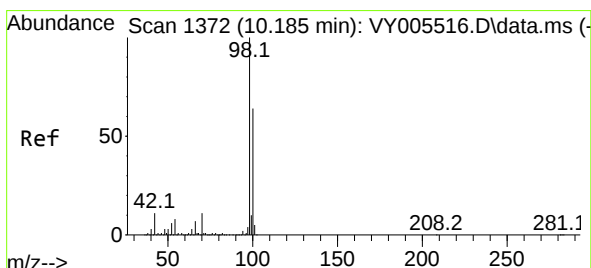
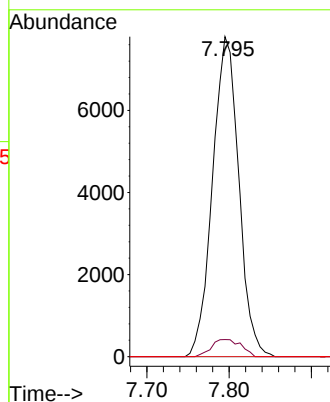
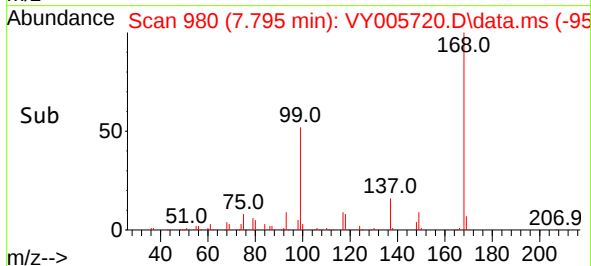


#38
Carbon Tetrachloride
Concen: 5.191 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005720.D
Acq: 17 Aug 2021 19:02

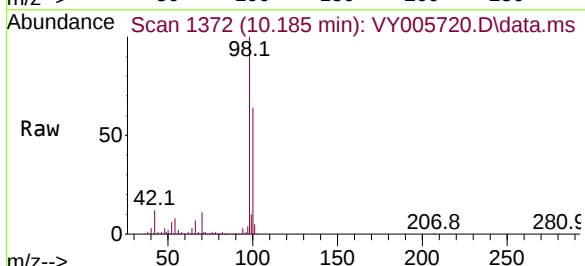
Instrument :
MSVOA_Y
ClientSampled :
PE-2



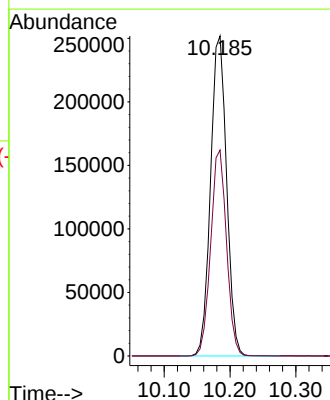
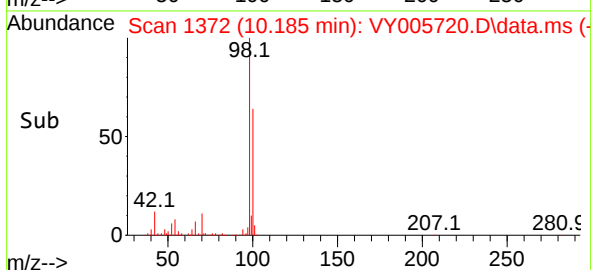
Tgt Ion:117 Resp: 17300
Ion Ratio Lower Upper
117 100
119 5.3 75.4 113.0#
121 0.0 25.1 37.7#

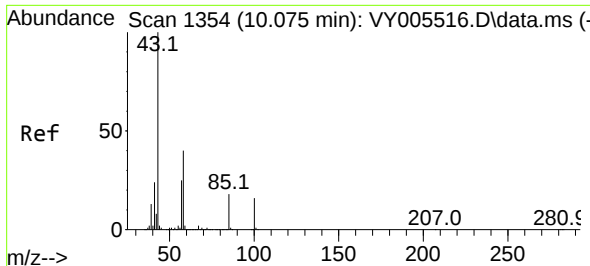


#50
Toluene-d8
Concen: 55.634 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005720.D
Acq: 17 Aug 2021 19:02



Tgt Ion: 98 Resp: 427118
Ion Ratio Lower Upper
98 100
100 63.6 51.3 76.9

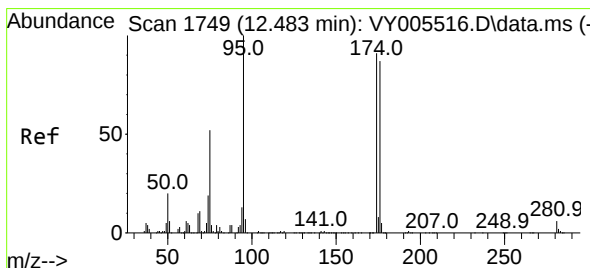
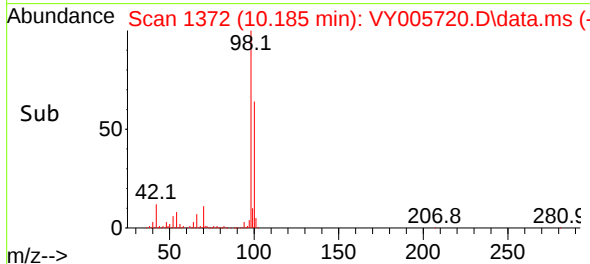
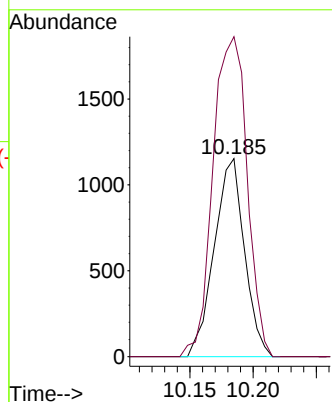
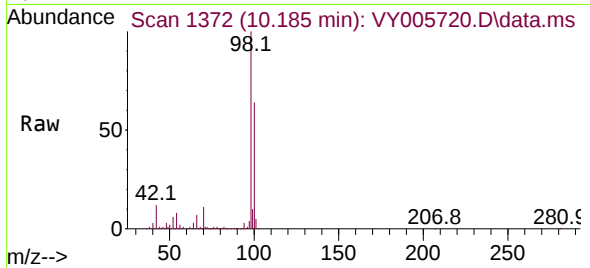




#51
4-Methyl-2-Pentanone
Concen: 1.034 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005720.D
Acq: 17 Aug 2021 19:02

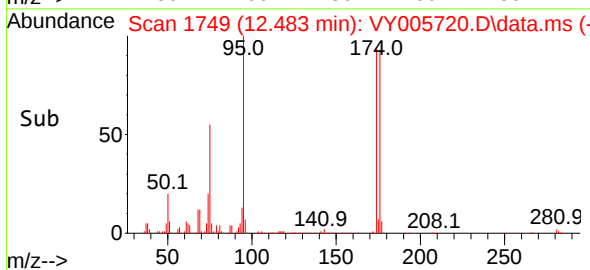
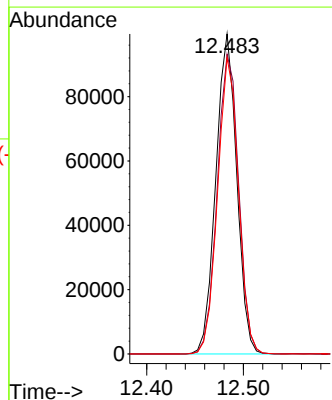
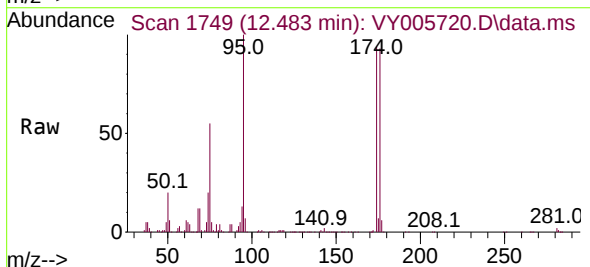
Instrument :
MSVOA_Y
ClientSampled :
PE-2

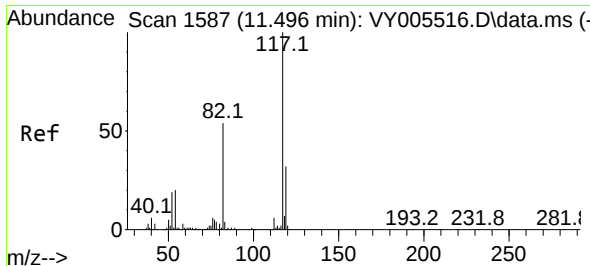
Tgt Ion: 43 Resp: 1915
Ion Ratio Lower Upper
43 100
58 182.3 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 58.831 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005720.D
Acq: 17 Aug 2021 19:02

Tgt Ion: 95 Resp: 149569
Ion Ratio Lower Upper
95 100
174 96.0 0.0 191.4
176 92.1 0.0 183.6

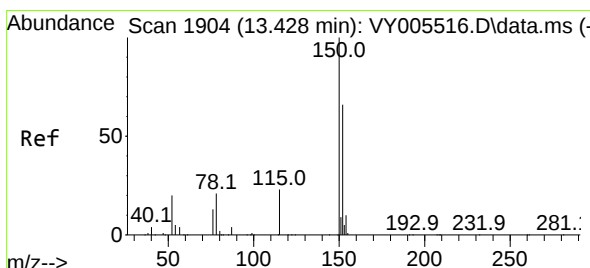
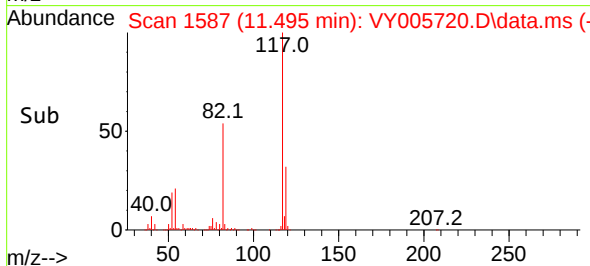
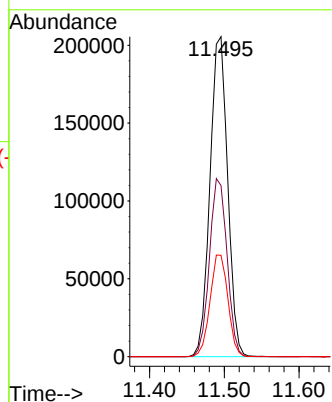
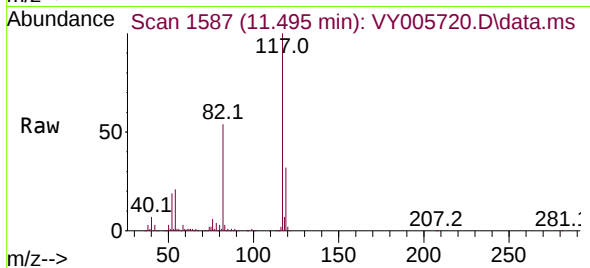




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005720.D
Acq: 17 Aug 2021 19:02

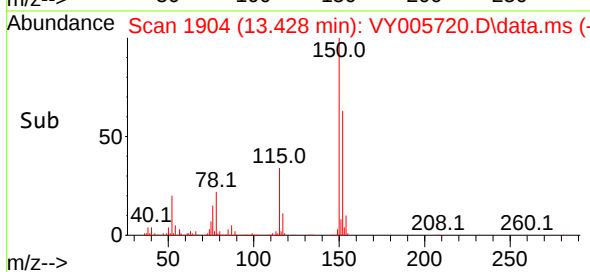
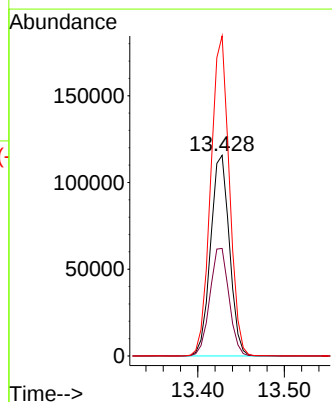
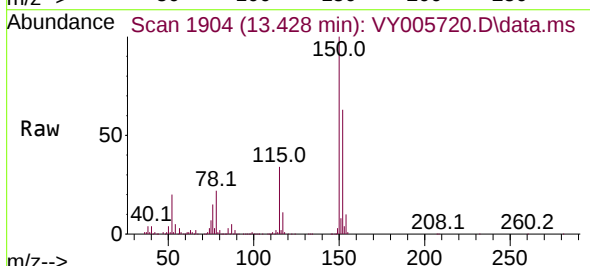
Instrument :
MSVOA_Y
ClientSampled :
PE-2

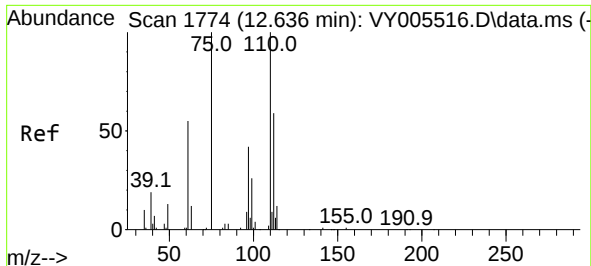
Tgt Ion:	117	Resp:	337314
Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.5	65.3
119	31.7	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005720.D
Acq: 17 Aug 2021 19:02

Tgt Ion:	152	Resp:	174758
Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.3	81.9
150	157.5	0.0	350.2

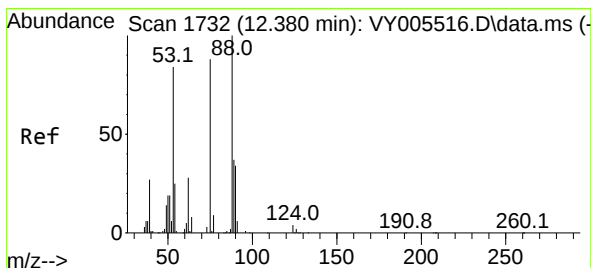
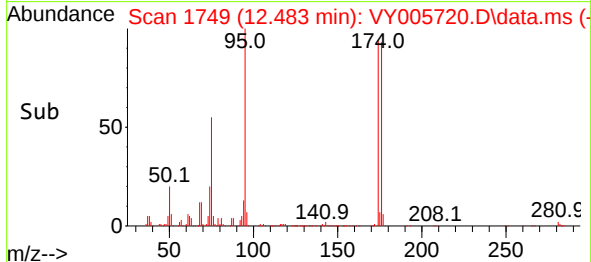
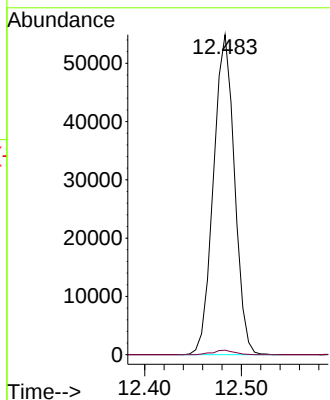
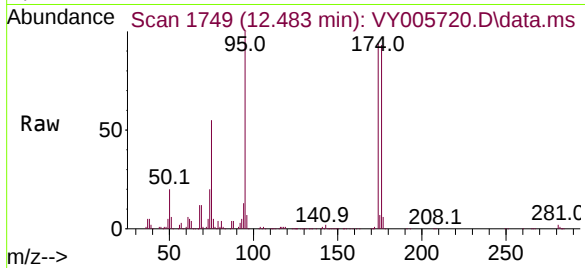




#76
1,2,3-Trichloropropane
Concen: 45.790 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005720.D
Acq: 17 Aug 2021 19:02

Instrument :
MSVOA_Y
ClientSampled :
PE-2

Tgt Ion: 75 Resp: 82926
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.307 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005720.D
Acq: 17 Aug 2021 19:02

Tgt Ion: 75 Resp: 82926
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

