

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
 Data File : VY005171.D
 Acq On : 17 Jun 2021 20:49
 Operator : SY/MD
 Sample : M2749-06RE
 Misc : 5.98G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 18 03:06:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 16 04:40:35 2021
 Response via : Initial Calibration

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

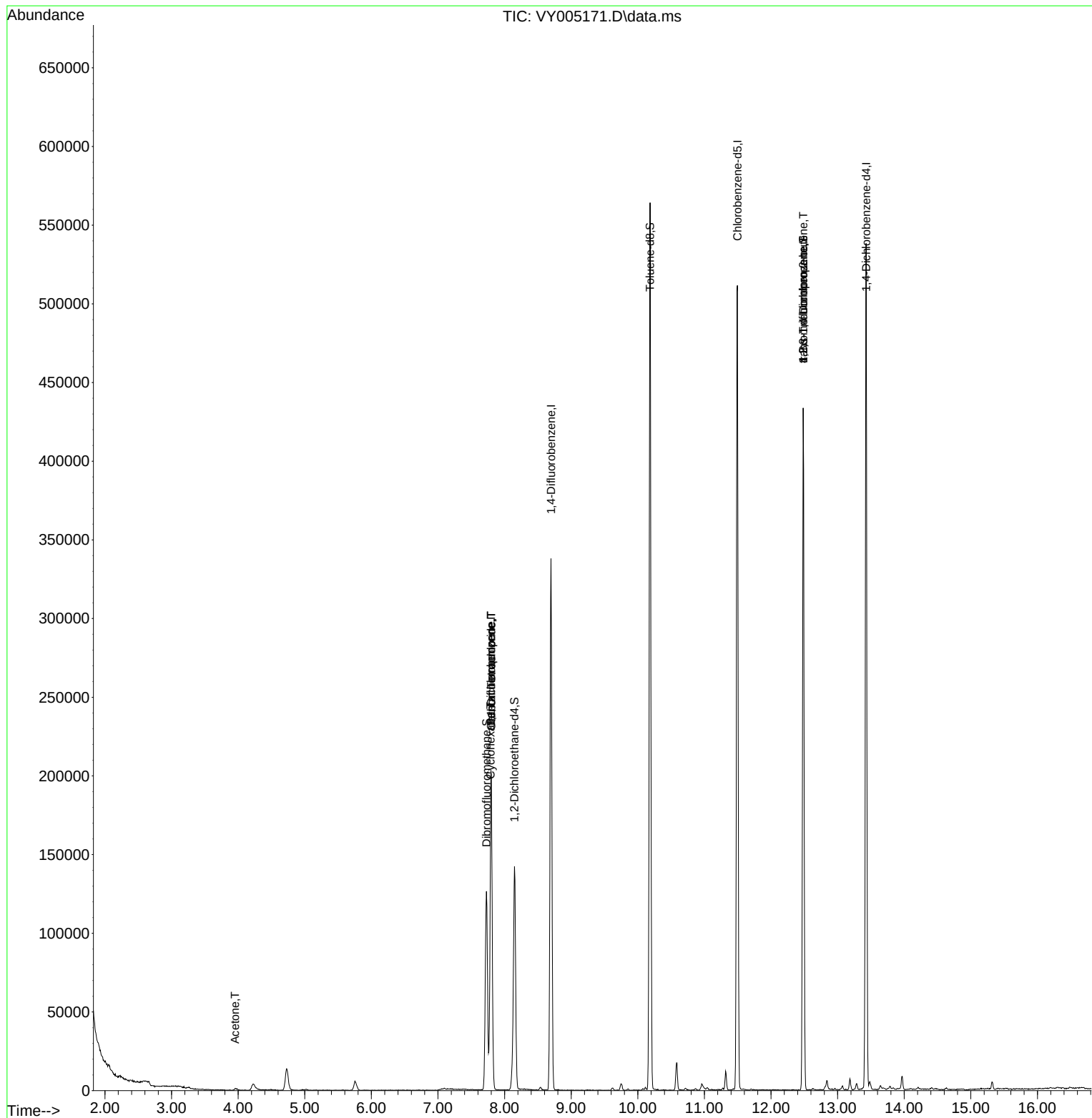
Internal Standards						
1) Pentafluorobenzene	7.795	168	154321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	282891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	285417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	108025	72.397	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.800%	
35) Dibromofluoromethane	7.728	113	89516	73.945	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 147.880%#	
50) Toluene-d8	10.185	98	352369	58.467	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.940%	
62) 4-Bromofluorobenzene	12.483	95	123363	60.862	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 121.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	166	Below Cal	#	74
16) Acetone	3.954	43	2033	6.699	ug/l	99
20) Methylene Chloride	4.728	84	10278	Below Cal	#	83
31) Cyclohexane	7.789	56	3218	1.268	ug/l	# 8
36) 1,1-Dichloropropene	7.795	75	11806	4.557	ug/l	# 49
38) Carbon Tetrachloride	7.801	117	15680	5.701	ug/l	# 15
76) 1,2,3-Trichloropropane	12.483	75	66694	55.615	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	66694	103.754	ug/l	# 11

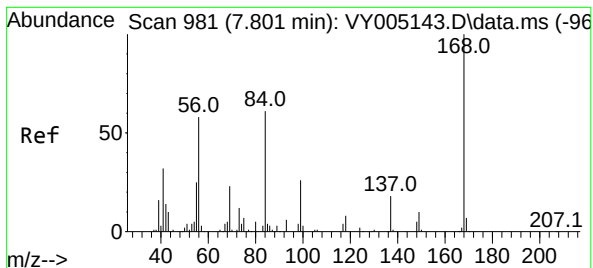
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY005171.D

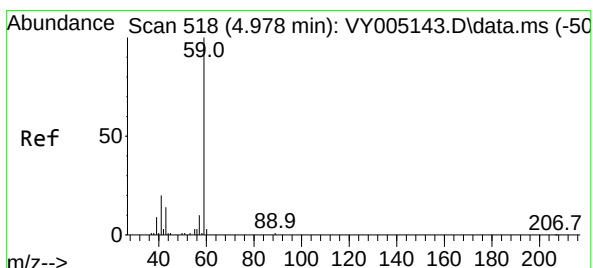
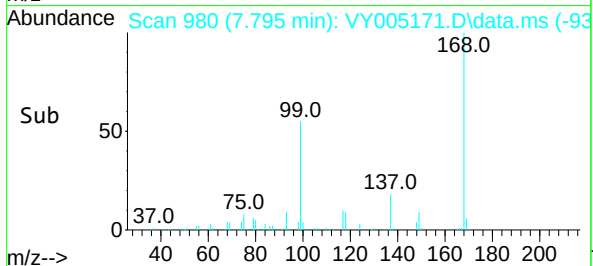
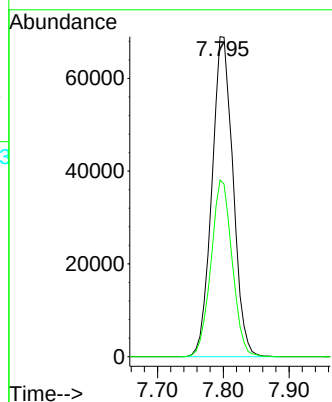
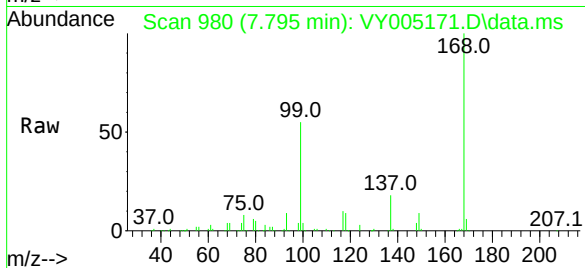
Acq: 17 Jun 2021 20:49

Tgt Ion:168 Resp: 154321

Ion Ratio Lower Upper

168 100

99 55.2 44.5 66.7



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.960 min Scan# 515

Delta R.T. -0.018 min

Lab File: VY005171.D

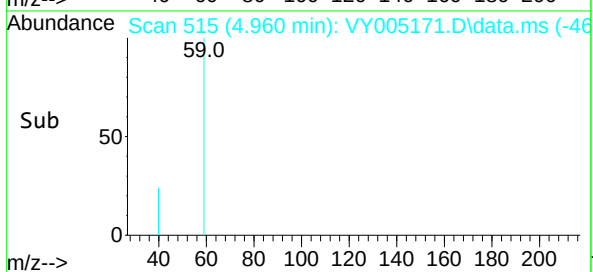
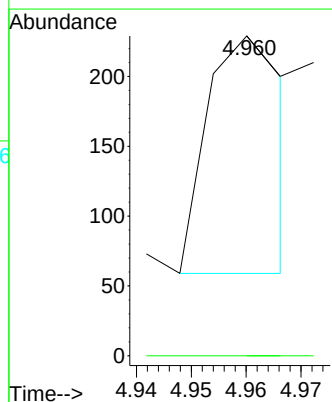
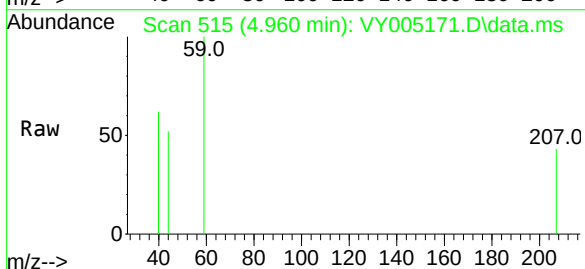
Acq: 17 Jun 2021 20:49

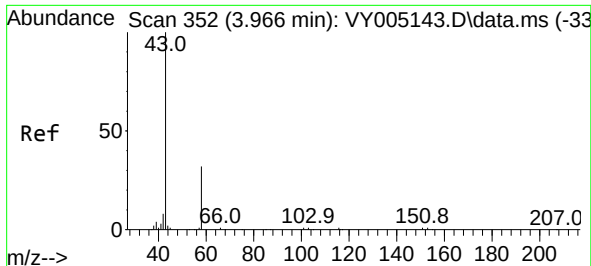
Tgt Ion: 59 Resp: 166

Ion Ratio Lower Upper

59 100

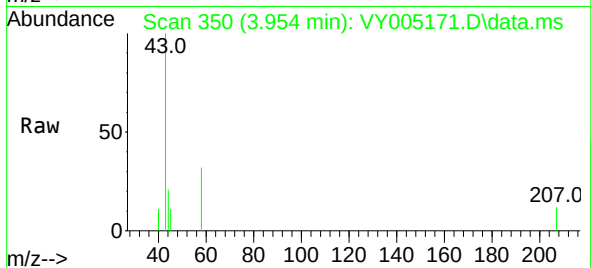
57 0.0 7.7 11.5#



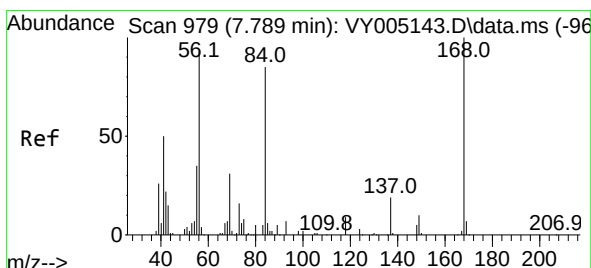
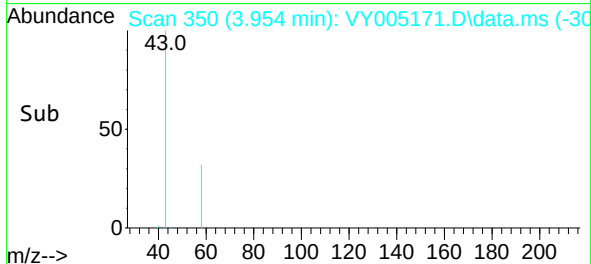
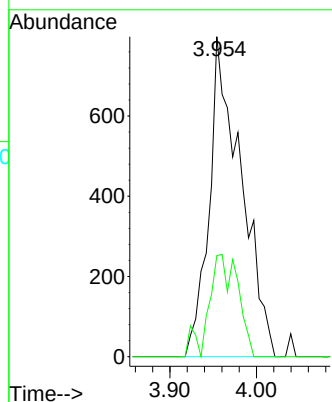


#16
Acetone
Concen: 6.699 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.012 min
Lab File: VY005171.D
Acq: 17 Jun 2021 20:49

Instrument :
MSVOA_Y
ClientSampled :

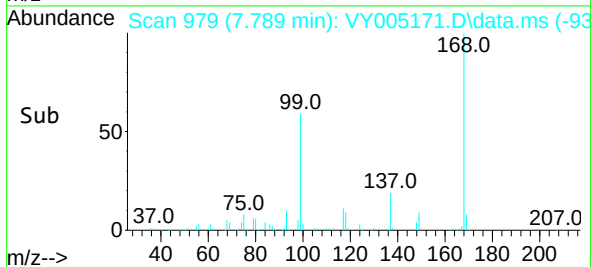
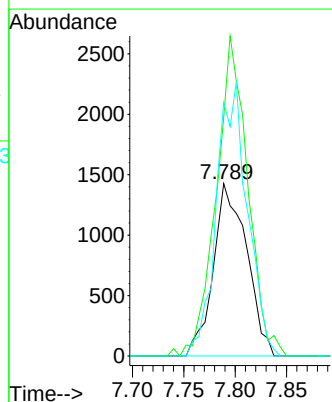
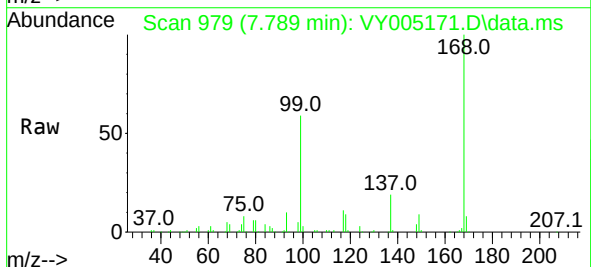


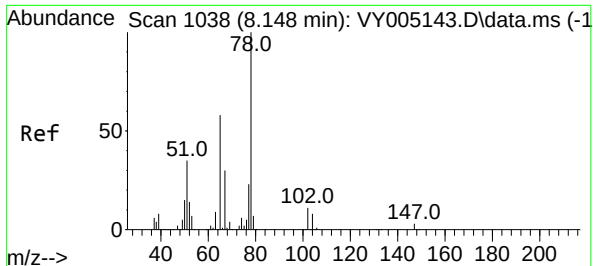
Tgt Ion: 43 Resp: 2033
Ion Ratio Lower Upper
43 100
58 31.6 25.6 38.4



#31
Cyclohexane
Concen: 1.268 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY005171.D
Acq: 17 Jun 2021 20:49

Tgt Ion: 56 Resp: 3218
Ion Ratio Lower Upper
56 100
69 138.5 26.3 39.5#
84 147.0 73.2 109.8#

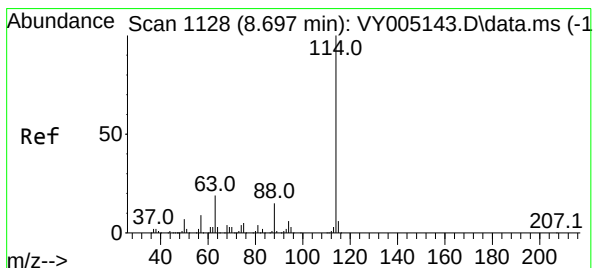
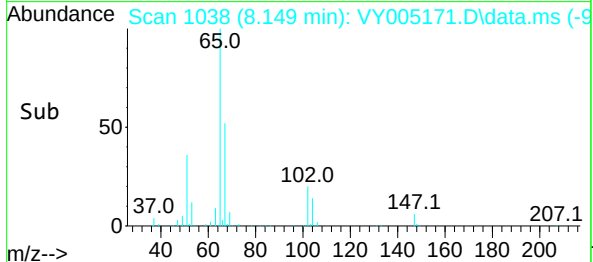
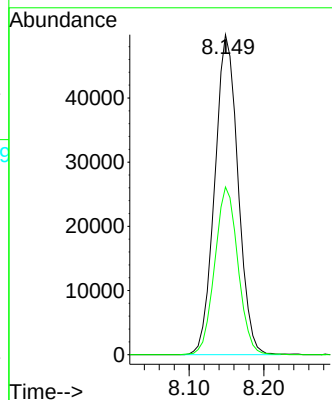
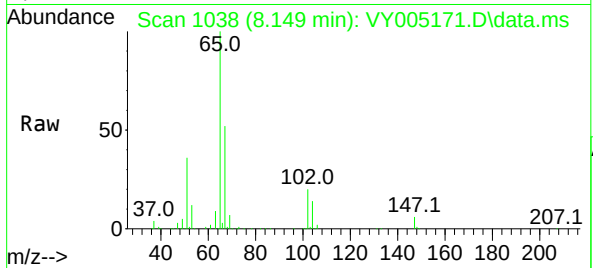




#33
1,2-Dichloroethane-d4
Concen: 72.397 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VY005171.D
Acq: 17 Jun 2021 20:49

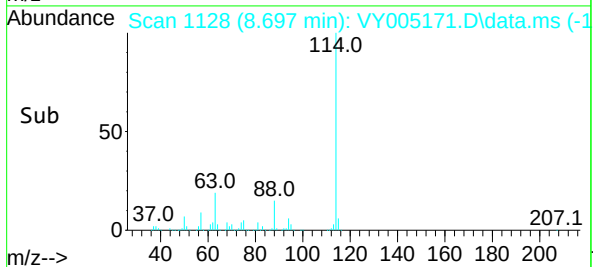
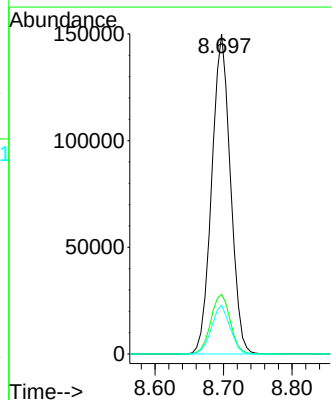
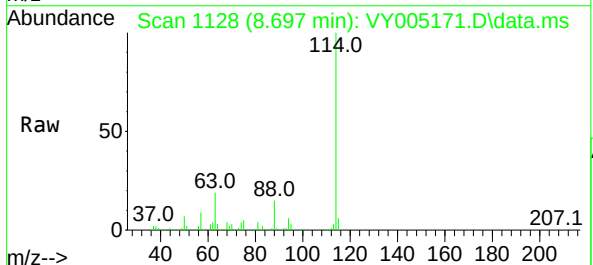
Instrument :
MSVOA_Y
ClientSampled :

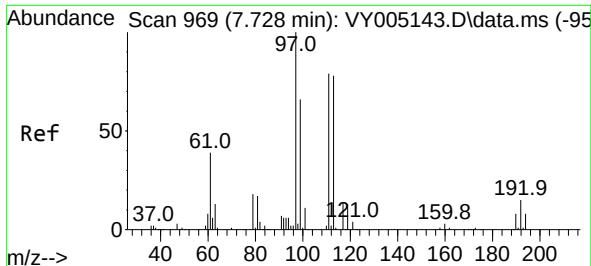
Tgt Ion: 65 Resp: 108025
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005171.D
Acq: 17 Jun 2021 20:49

Tgt Ion: 114 Resp: 282891
Ion Ratio Lower Upper
114 100
63 18.6 0.0 37.6
88 15.2 0.0 29.6

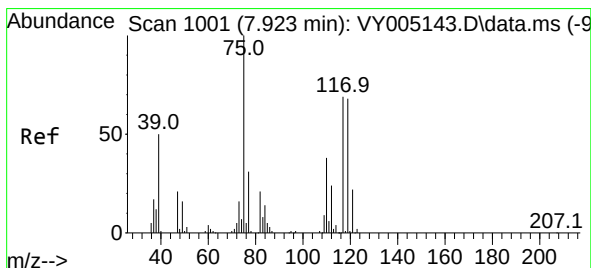
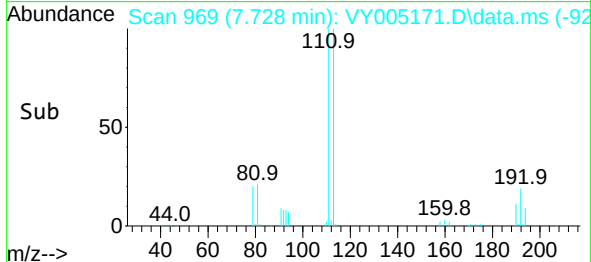
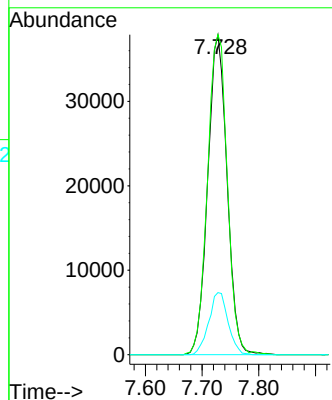
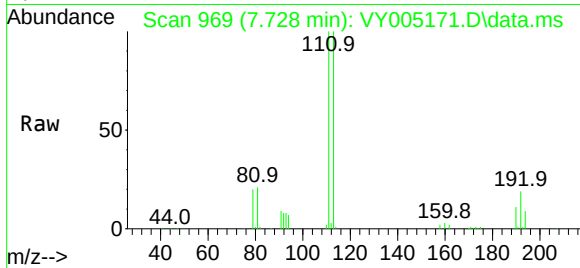




#35
Dibromofluoromethane
Concen: 73.945 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005171.D
Acq: 17 Jun 2021 20:49

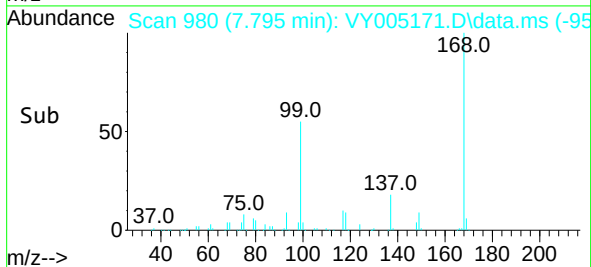
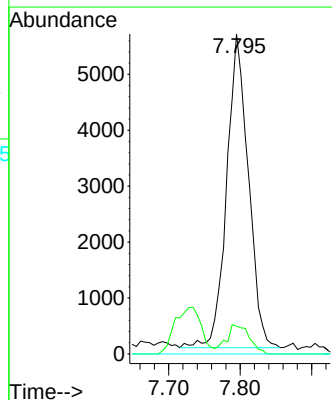
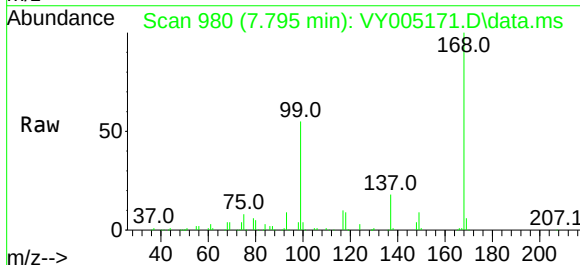
Instrument :
MSVOA_Y
ClientSampled :

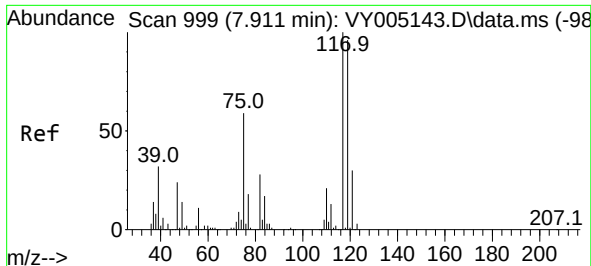
Tgt Ion:	113	Resp:	89516
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.3	123.5
192	19.4	16.2	24.2



#36
1,1-Dichloropropene
Concen: 4.557 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005171.D
Acq: 17 Jun 2021 20:49

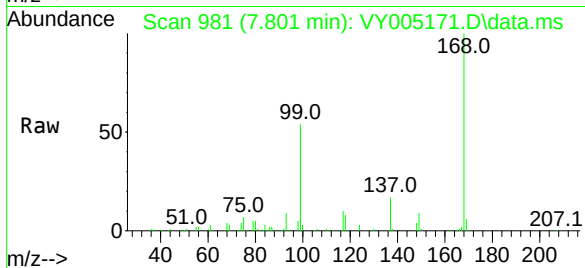
Tgt Ion:	75	Resp:	11806
Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.8	56.3#
77	0.0	24.6	36.8#



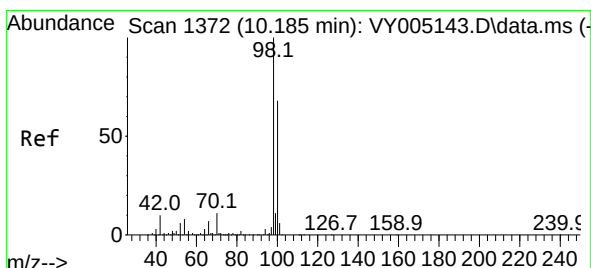
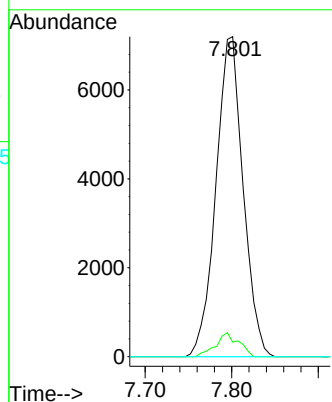
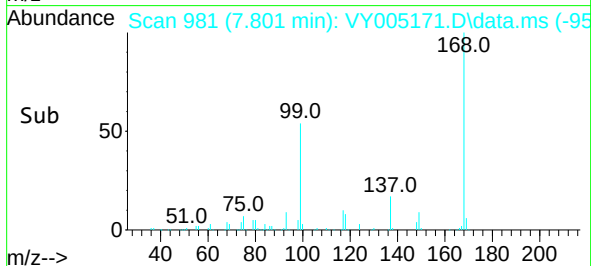


#38
Carbon Tetrachloride
Concen: 5.701 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005171.D
Acq: 17 Jun 2021 20:49

Instrument :
MSVOA_Y
ClientSampleId :

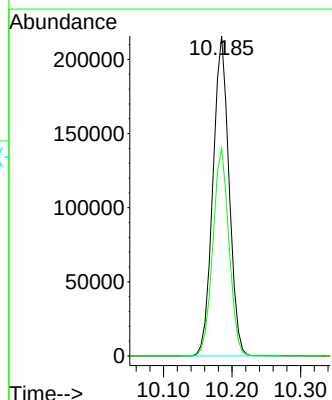
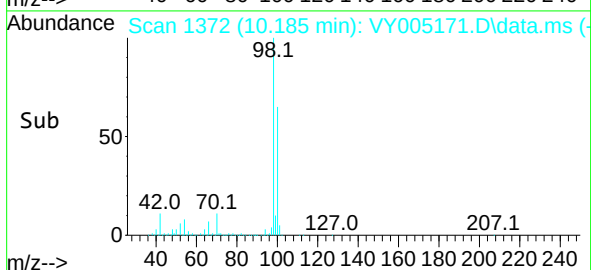
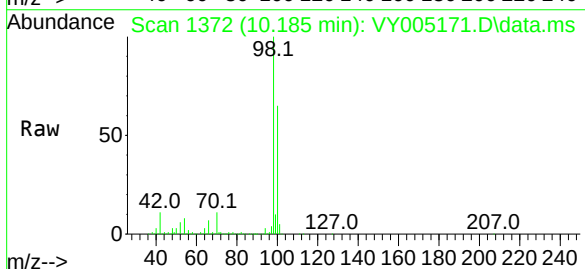


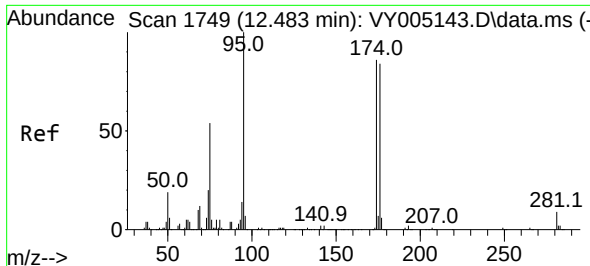
Tgt Ion:117 Resp: 15680
Ion Ratio Lower Upper
117 100
119 4.5 76.9 115.3#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 58.467 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005171.D
Acq: 17 Jun 2021 20:49

Tgt Ion: 98 Resp: 352369
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

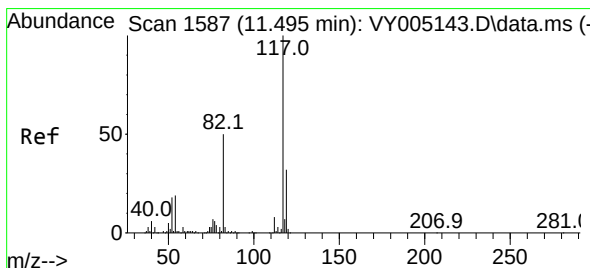
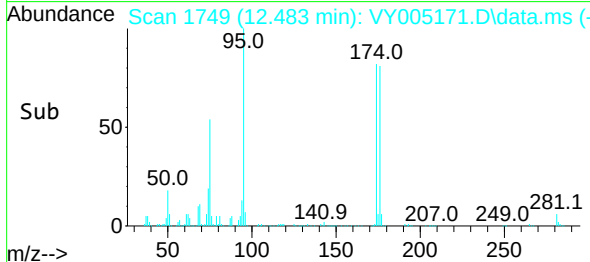
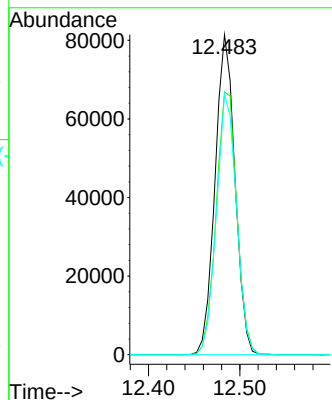
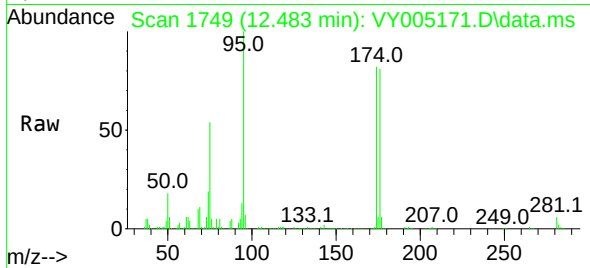




#62
4-Bromofluorobenzene
Concen: 60.862 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005171.D
Acq: 17 Jun 2021 20:49

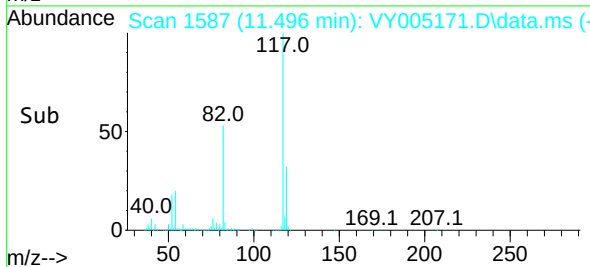
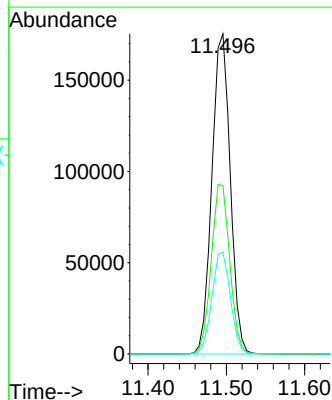
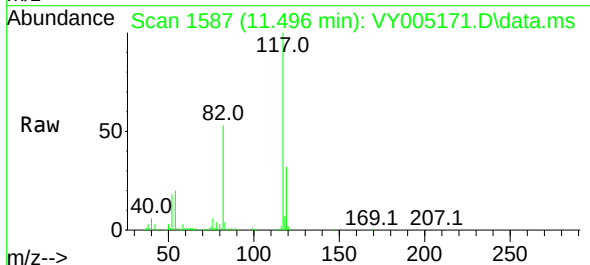
Instrument :
MSVOA_Y
ClientSampleId :

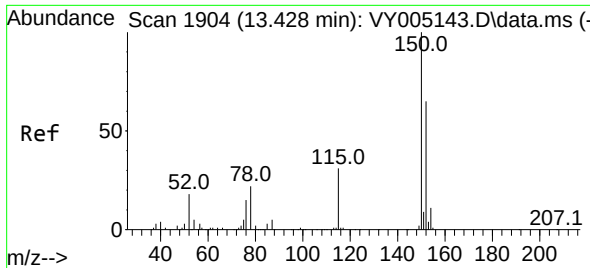
Tgt Ion: 95 Resp: 123363
Ion Ratio Lower Upper
95 100
174 85.8 0.0 179.2
176 82.0 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005171.D
Acq: 17 Jun 2021 20:49

Tgt Ion: 117 Resp: 285417
Ion Ratio Lower Upper
117 100
82 52.7 39.8 59.6
119 31.9 25.9 38.9

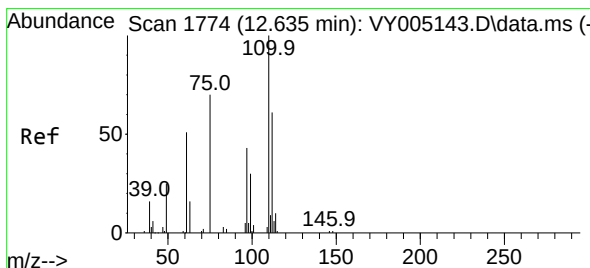
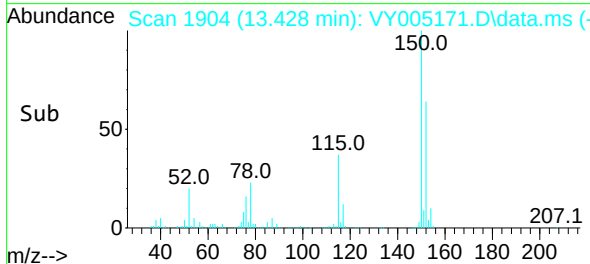
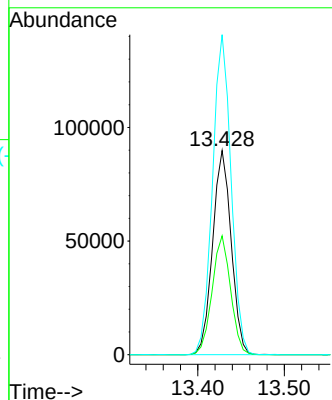
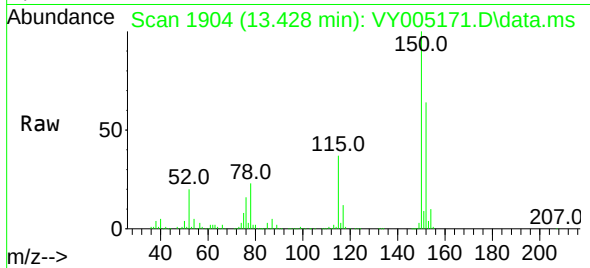




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005171.D
Acq: 17 Jun 2021 20:49

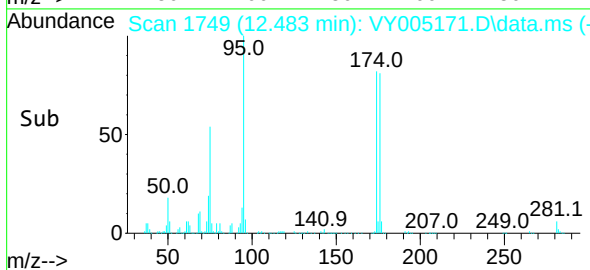
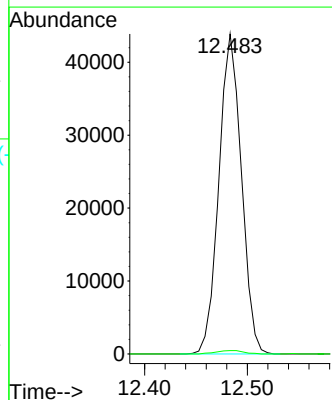
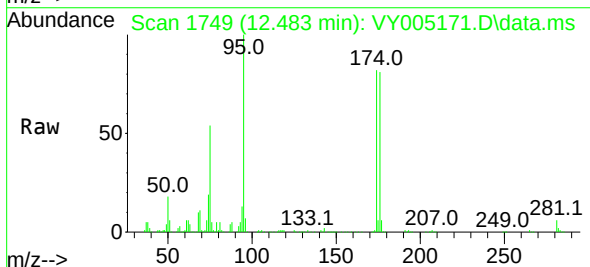
Instrument :
MSVOA_Y
ClientSampleId :

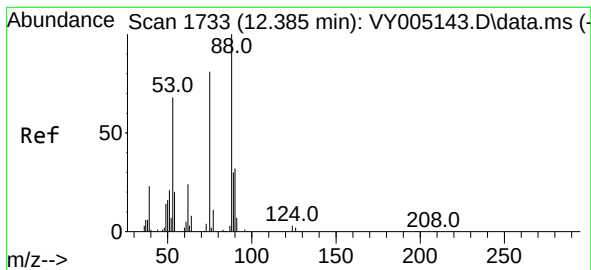
Tgt Ion:152 Resp: 133973
Ion Ratio Lower Upper
152 100
115 57.8 29.5 88.6
150 156.4 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 55.615 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005171.D
Acq: 17 Jun 2021 20:49

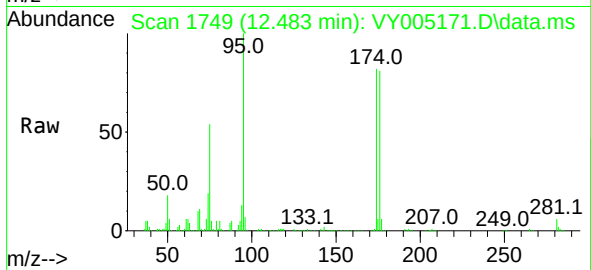
Tgt Ion: 75 Resp: 66694
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.754 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY005171.D
 Acq: 17 Jun 2021 20:49

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 66694
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.2 109.8#
 89 0.0 44.1 66.1#

