

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy060921\
 Data File : VY005049.D
 Acq On : 09 Jun 2021 16:18
 Operator : SY/MD
 Sample : M2637-01
 Misc : 8.34G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 10 02:42:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

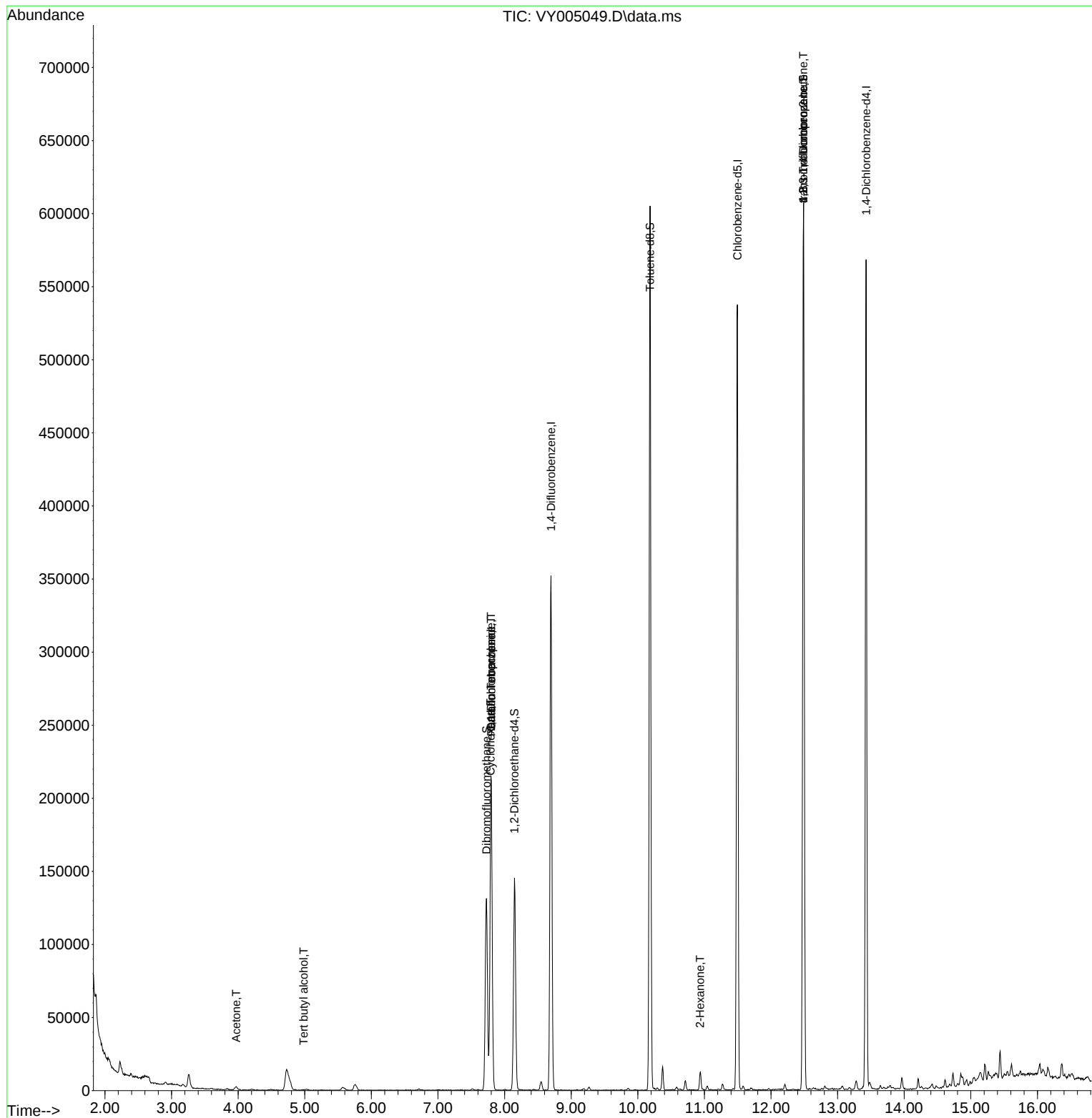
Internal Standards						
1) Pentafluorobenzene	7.801	168	162600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	298922	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	296340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	137885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	108245	62.971	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.940%			
35) Dibromofluoromethane	7.728	113	94085	58.502	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.000%			
50) Toluene-d8	10.185	98	377524	56.522	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.040%			
62) 4-Bromofluorobenzene	12.483	95	130383	56.760	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.520%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.985	59	409	2.069	ug/l #	74
16) Acetone	3.973	43	4322	10.445	ug/l	94
20) Methylene Chloride	4.729	84	10541	Below Cal	#	87
31) Cyclohexane	7.789	56	3660	1.209	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13448	4.597	ug/l #	49
38) Carbon Tetrachloride	7.795	117	16519	6.488	ug/l #	17
59) 2-Hexanone	10.935	43	2385	1.948	ug/l #	45
76) 1,2,3-Trichloropropane	12.483	75	71426	47.255	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	71426	86.845	ug/l #	16

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

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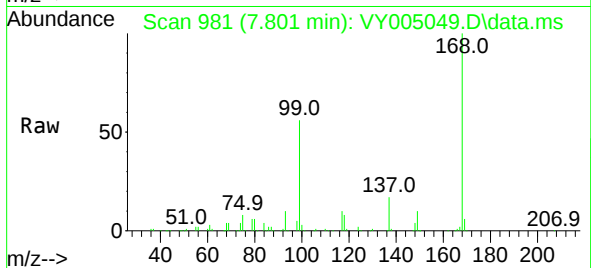
Quant Time: Jun 10 02:42:34 2021
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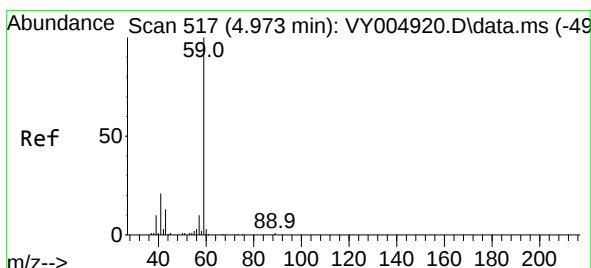
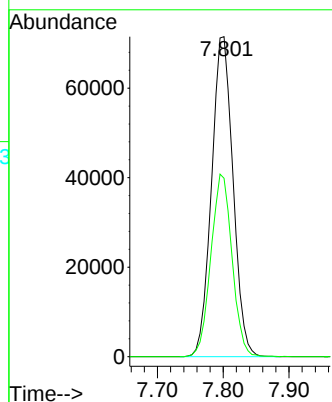
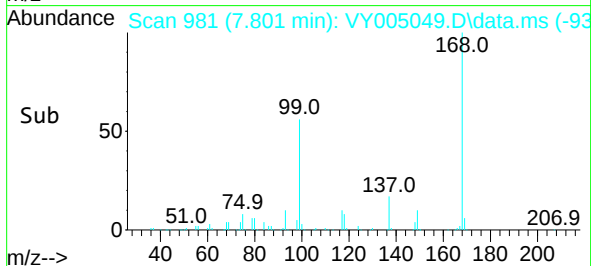


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005049.D
Acq: 09 Jun 2021 16:18

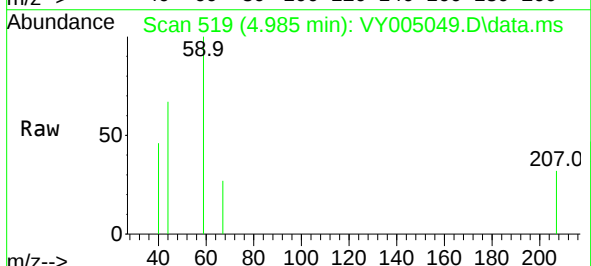
Instrument :
MSVOA_Y
ClientSampleId :



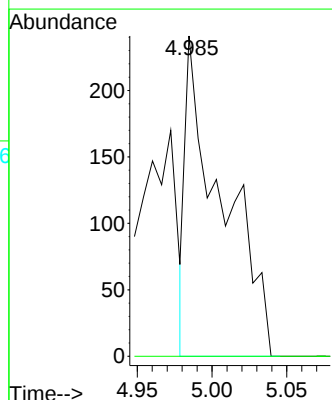
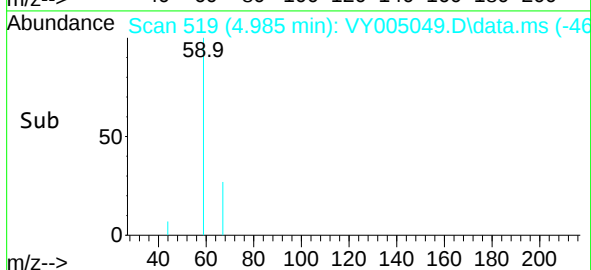
Tgt Ion:168 Resp: 162600
Ion Ratio Lower Upper
168 100
99 55.8 43.9 65.9



#11
Tert butyl alcohol
Concen: 2.069 ug/l
RT: 4.985 min Scan# 519
Delta R.T. 0.012 min
Lab File: VY005049.D
Acq: 09 Jun 2021 16:18



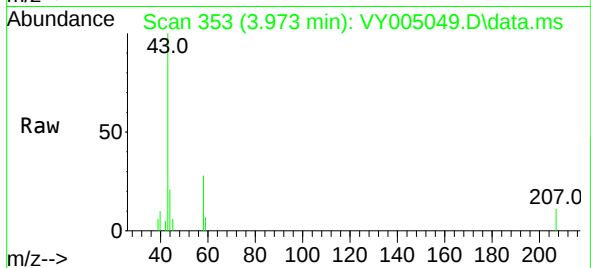
Tgt Ion: 59 Resp: 409
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



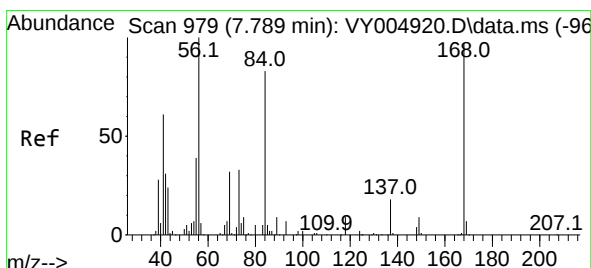
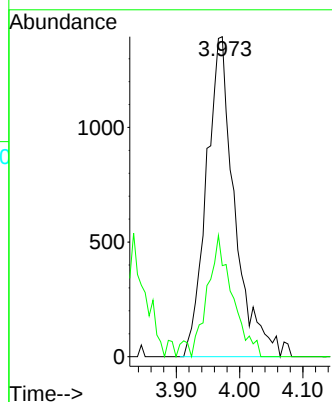
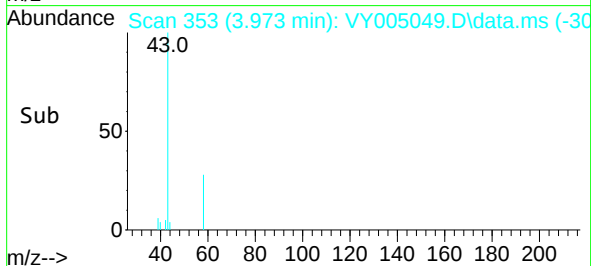


#16
Acetone
Concen: 10.445 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY005049.D
Acq: 09 Jun 2021 16:18

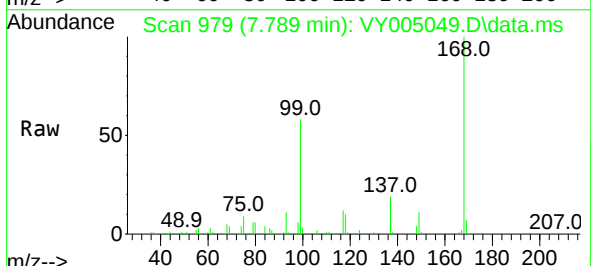
Instrument :
MSVOA_Y
ClientSampled :



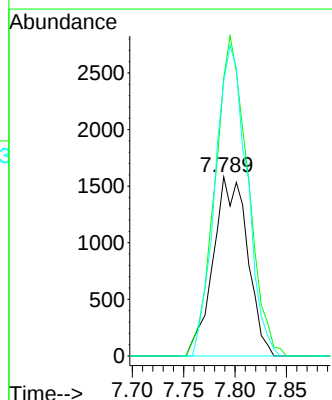
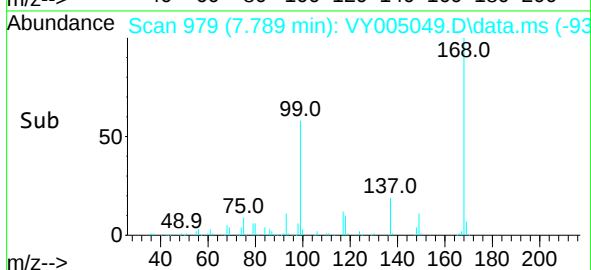
Tgt Ion: 43 Resp: 4322
Ion Ratio Lower Upper
43 100
58 28.4 25.3 37.9

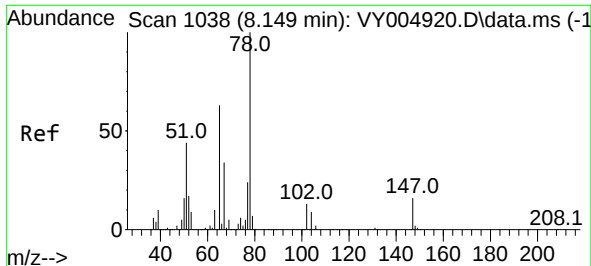


#31
Cyclohexane
Concen: 1.209 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY005049.D
Acq: 09 Jun 2021 16:18



Tgt Ion: 56 Resp: 3660
Ion Ratio Lower Upper
56 100
69 155.3 25.3 37.9#
84 153.5 66.2 99.4#

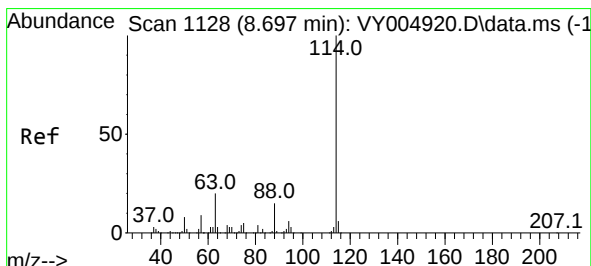
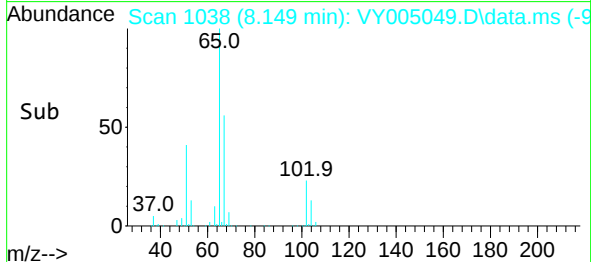
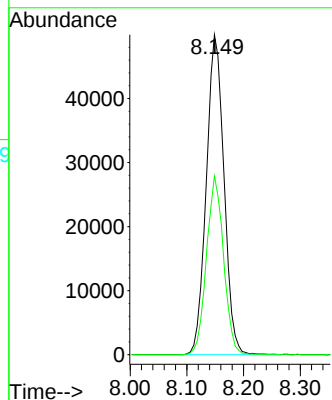
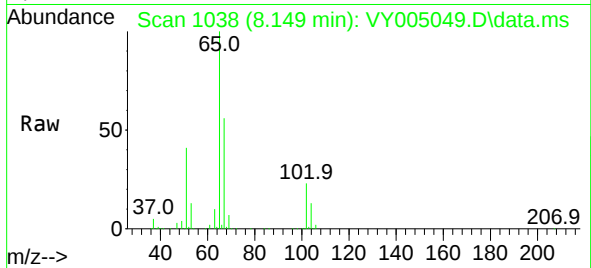




#33
 1,2-Dichloroethane-d4
 Concen: 62.971 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005049.D
 Acq: 09 Jun 2021 16:18

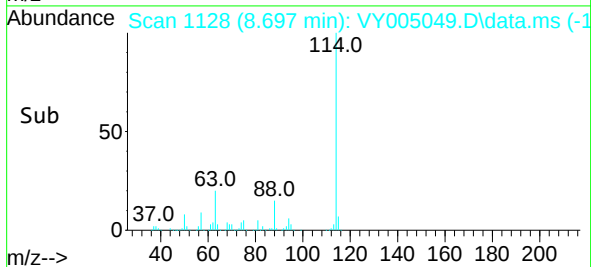
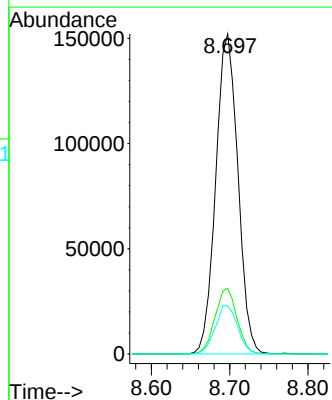
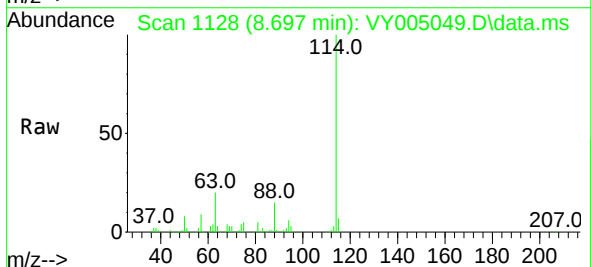
Instrument :
 MSVOA_Y
 ClientSampled :

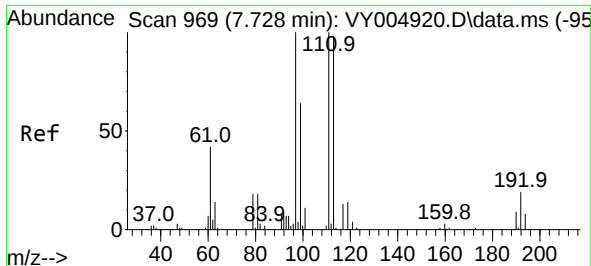
Tgt Ion: 65 Resp: 108245
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005049.D
 Acq: 09 Jun 2021 16:18

Tgt Ion: 114 Resp: 298922
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.0
 88 15.0 0.0 30.6

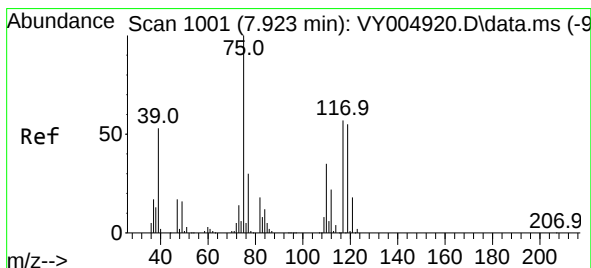
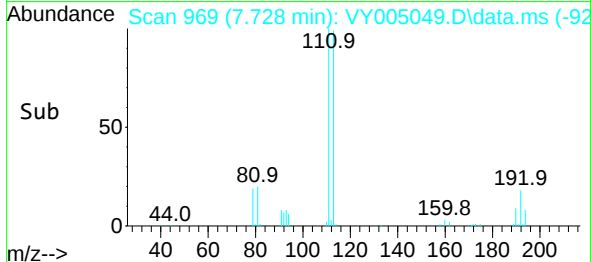
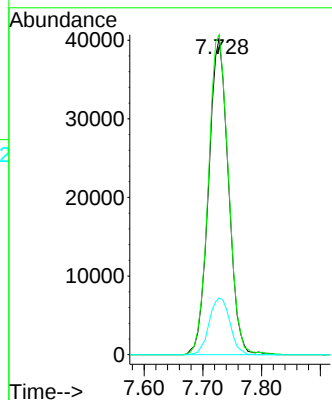
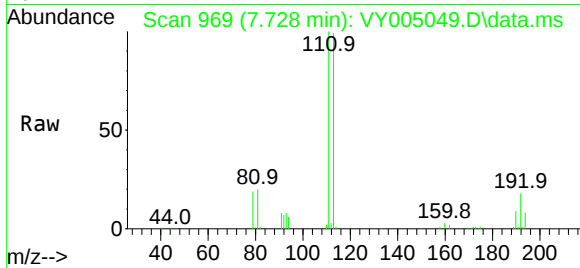




#35
Dibromofluoromethane
Concen: 58.502 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005049.D
Acq: 09 Jun 2021 16:18

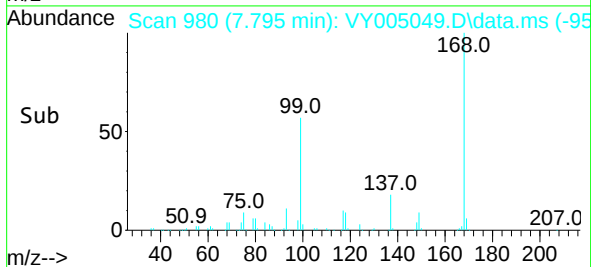
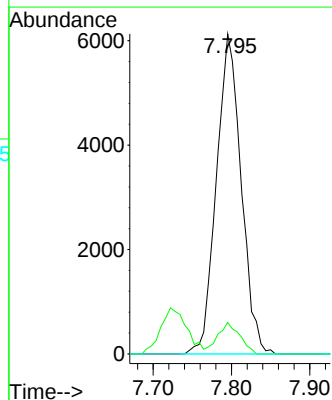
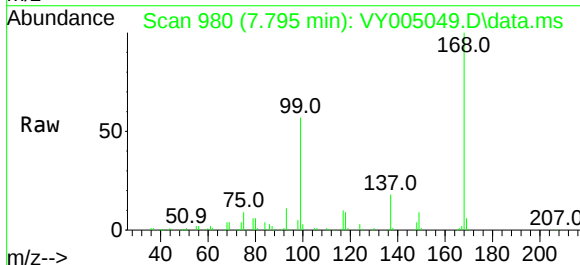
Instrument :
MSVOA_Y
ClientSampleId :

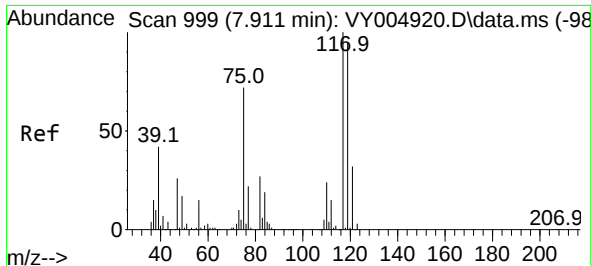
Tgt Ion:	113	Resp:	94085
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.8
192	18.7	15.3	22.9



#36
1,1-Dichloropropene
Concen: 4.597 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005049.D
Acq: 09 Jun 2021 16:18

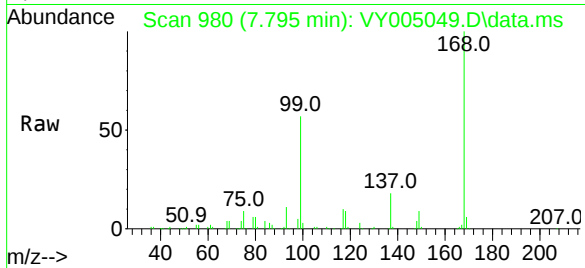
Tgt Ion:	75	Resp:	13448
Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.5	52.5#
77	0.0	25.1	37.7#



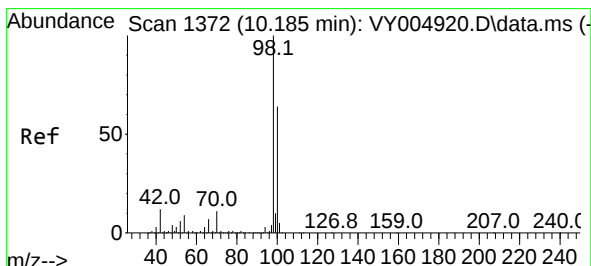
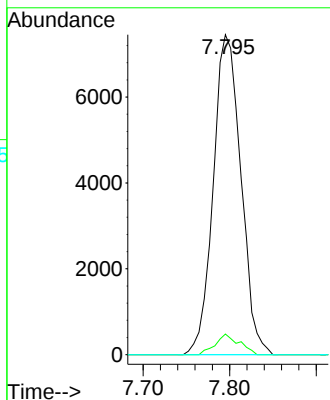
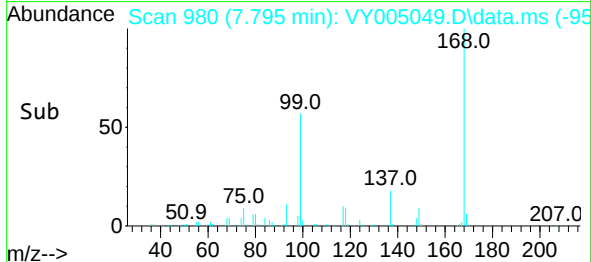


#38
Carbon Tetrachloride
Concen: 6.488 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005049.D
Acq: 09 Jun 2021 16:18

Instrument :
MSVOA_Y
ClientSampleId :

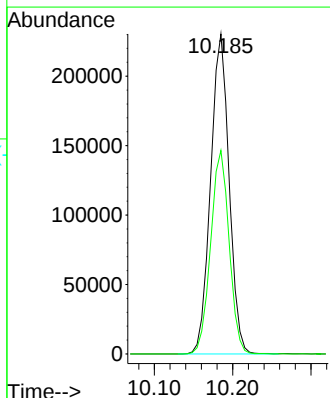
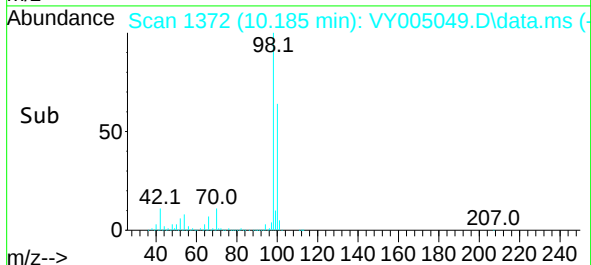
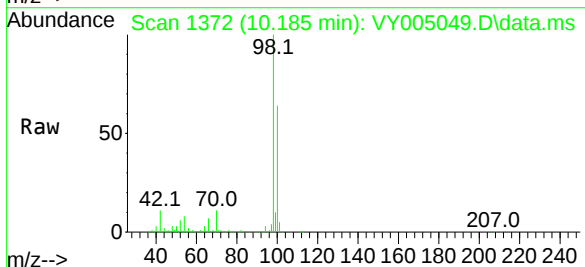


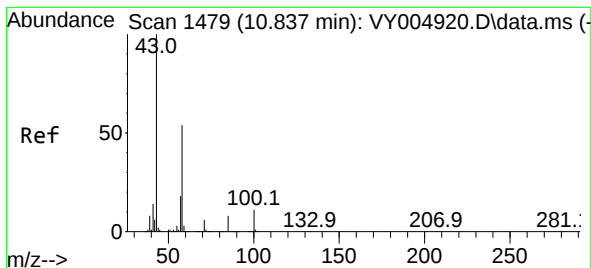
Tgt Ion:117 Resp: 16519
Ion Ratio Lower Upper
117 100
119 6.4 76.1 114.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 56.522 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005049.D
Acq: 09 Jun 2021 16:18

Tgt Ion: 98 Resp: 377524
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6

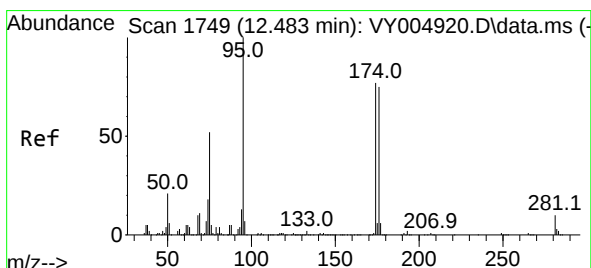
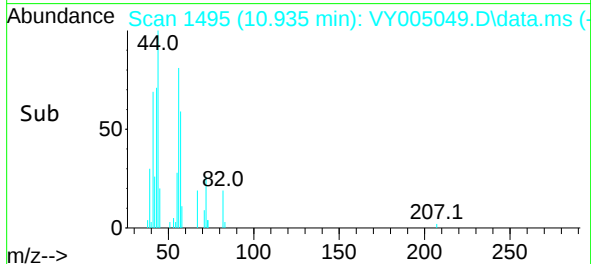
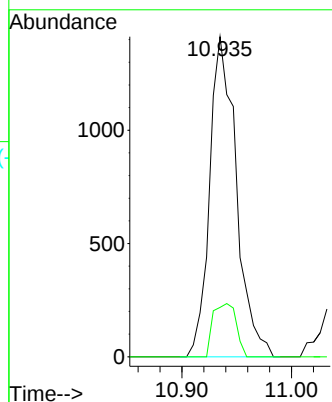
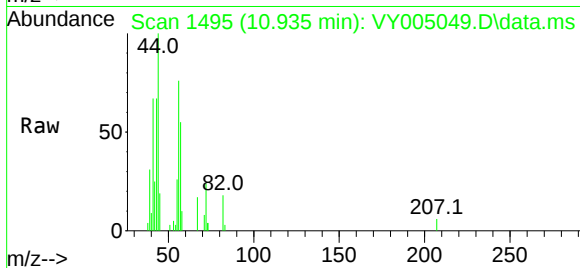




#59
2-Hexanone
Concen: 1.948 ug/l
RT: 10.935 min Scan# 1495
Delta R.T. 0.097 min
Lab File: VY005049.D
Acq: 09 Jun 2021 16:18

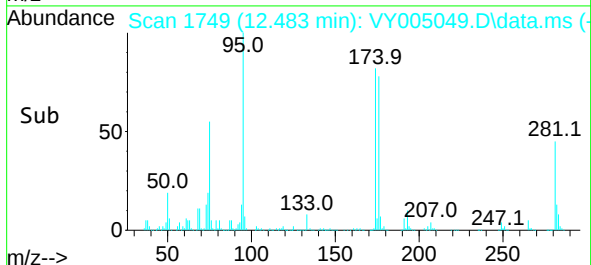
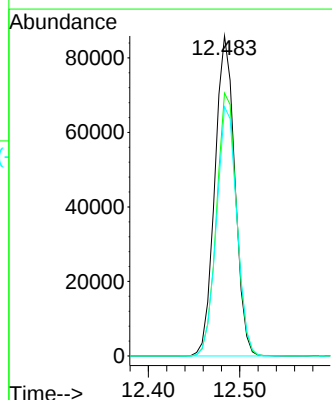
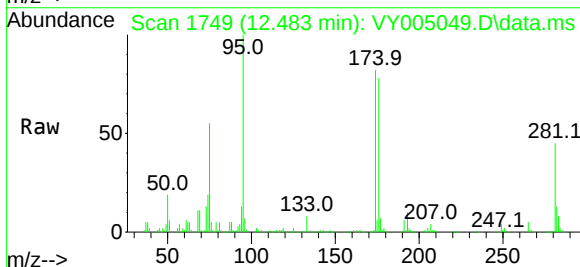
Instrument :
MSVOA_Y
ClientSampled :

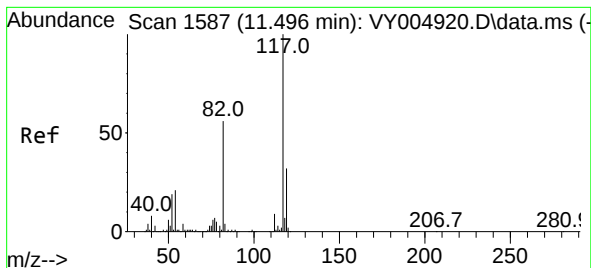
Tgt Ion: 43 Resp: 2385
Ion Ratio Lower Upper
43 100
58 14.4 27.0 80.8#



#62
4-Bromofluorobenzene
Concen: 56.760 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005049.D
Acq: 09 Jun 2021 16:18

Tgt Ion: 95 Resp: 130383
Ion Ratio Lower Upper
95 100
174 82.5 0.0 160.8
176 79.4 0.0 155.6

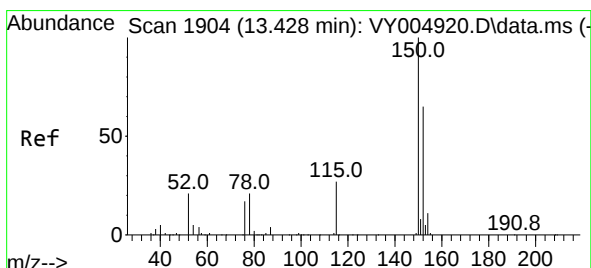
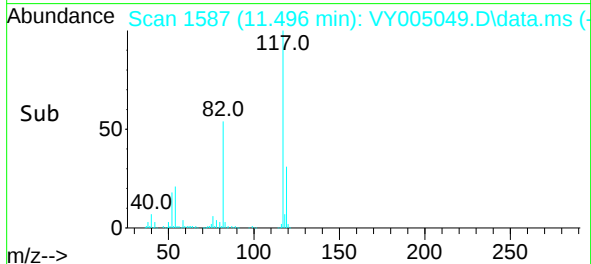
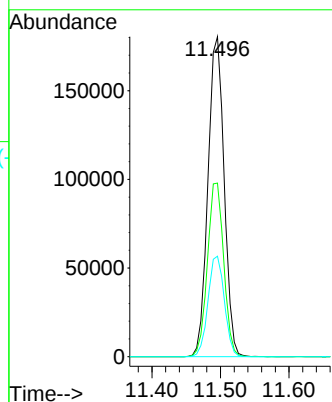
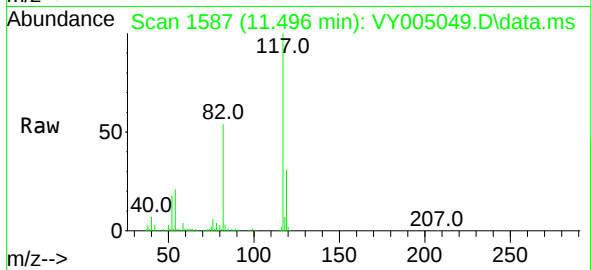




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005049.D
Acq: 09 Jun 2021 16:18

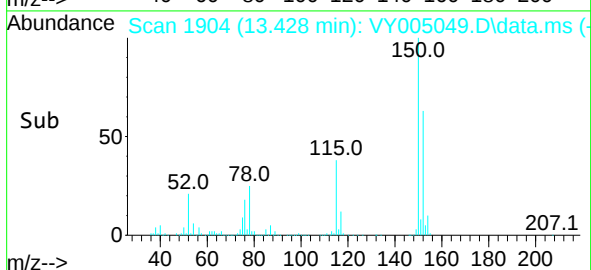
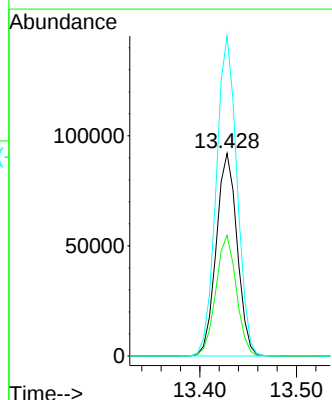
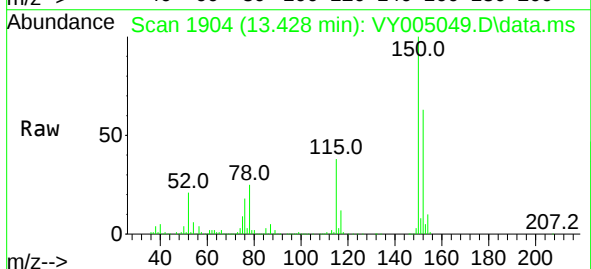
Instrument :
MSVOA_Y
ClientSampleId :

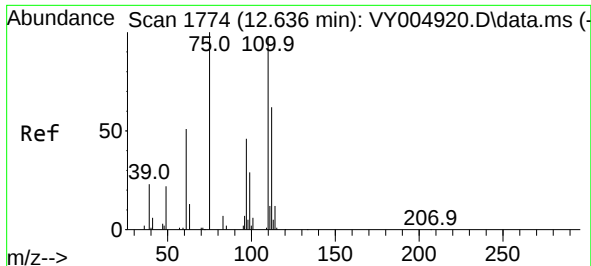
Tgt Ion:117 Resp: 296340
Ion Ratio Lower Upper
117 100
82 54.2 44.8 67.2
119 31.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005049.D
Acq: 09 Jun 2021 16:18

Tgt Ion:152 Resp: 137885
Ion Ratio Lower Upper
152 100
115 58.5 29.9 89.7
150 157.0 0.0 347.8

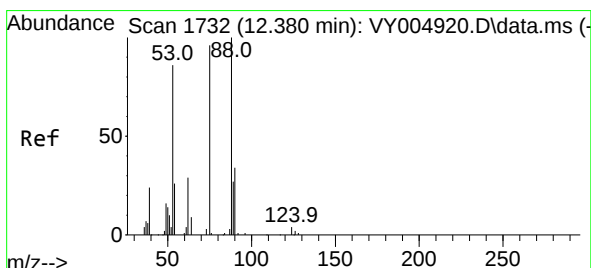
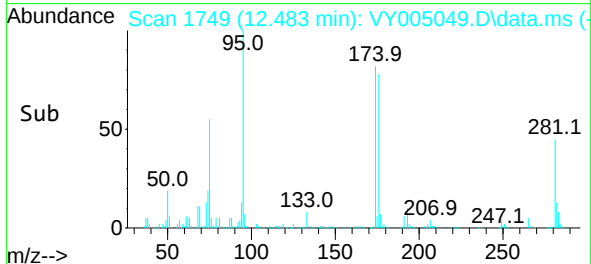
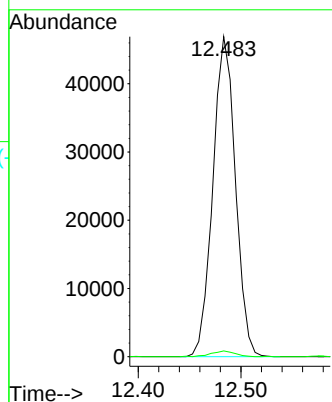
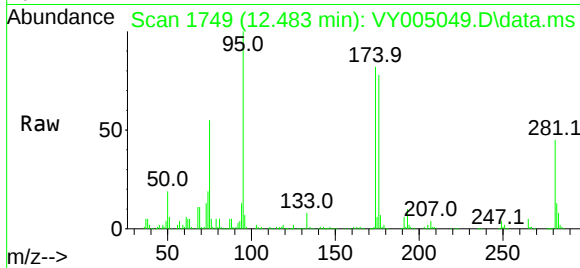




#76
1,2,3-Trichloropropane
Concen: 47.255 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005049.D
Acq: 09 Jun 2021 16:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 71426
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.845 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005049.D
Acq: 09 Jun 2021 16:18

Tgt Ion: 75 Resp: 71426
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 1.4 35.0 52.6#

