

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
 Data File : VY005169.D
 Acq On : 17 Jun 2021 20:02
 Operator : SY/MD
 Sample : M2768-01
 Misc : 6.65G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 18 03:05:31 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)

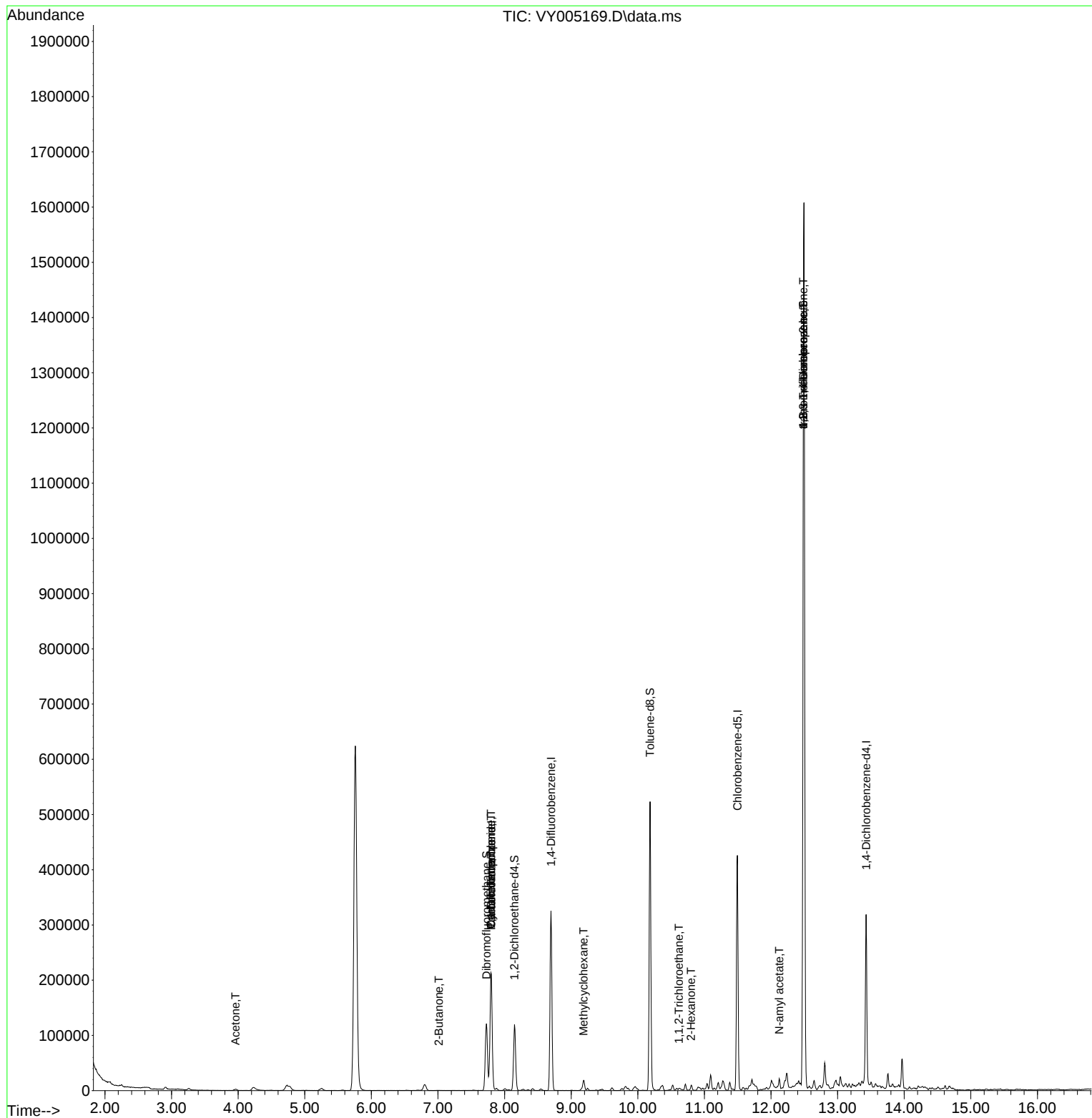
Internal Standards						
1) Pentafluorobenzene	7.801	168	159251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	277750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	231978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	90592	58.834	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.660%			
35) Dibromofluoromethane	7.728	113	85979	72.190	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 144.380%			
50) Toluene-d8	10.185	98	328255	55.474	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.940%			
62) 4-Bromofluorobenzene	12.483	95	91425	45.940	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.880%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.991	59	650	Below Cal	#	74
16) Acetone	3.960	43	3558	11.361	ug/l	92
20) Methylene Chloride	4.729	84	5806	Below Cal	#	87
25) 2-Butanone	7.015	43	613	1.287	ug/l	# 44
31) Cyclohexane	7.795	56	8026	3.064	ug/l	# 57
36) 1,1-Dichloropropene	7.795	75	11852	4.660	ug/l	# 41
38) Carbon Tetrachloride	7.795	117	15870	5.877	ug/l	# 15
39) Methylcyclohexane	9.185	83	7087	2.248	ug/l	92
55) 1,1,2-Trichloroethane	10.618	97	1489	1.037	ug/l	# 16
59) 2-Hexanone	10.801	43	3774	4.493	ug/l	# 23
74) N-amyl acetate	12.124	43	4341	3.504	ug/l	# 62
76) 1,2,3-Trichloropropane	12.483	75	60475	88.666	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	60475	165.412	ug/l	# 15

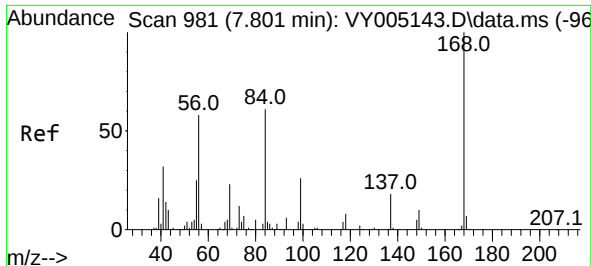
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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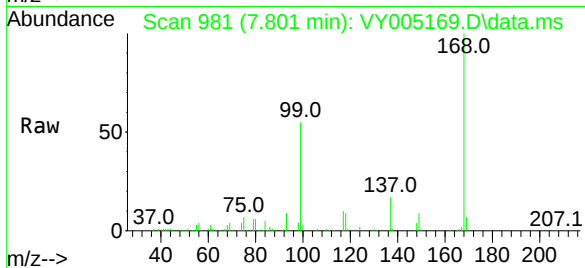
Quant Time: Jun 18 03:05:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 16 04:40:35 2021
Response via : Initial Calibration



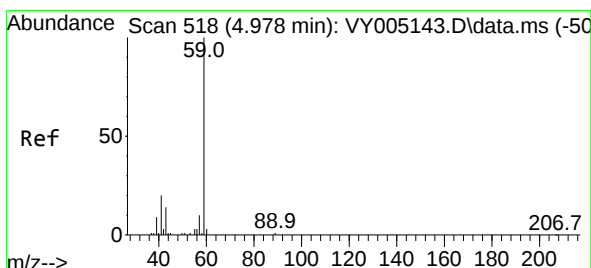
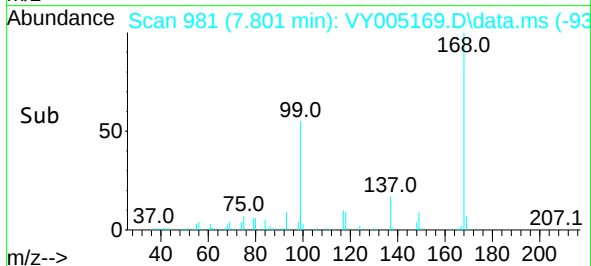
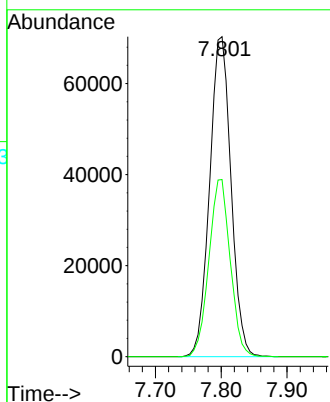


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005169.D
Acq: 17 Jun 2021 20:02

Instrument :
MSVOA_Y
ClientSampled :

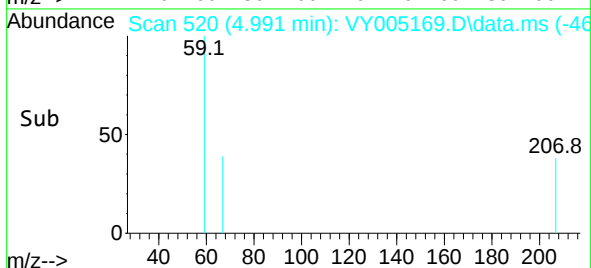
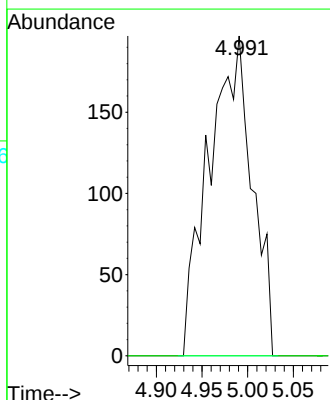
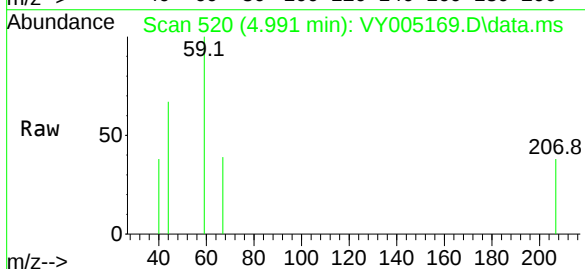


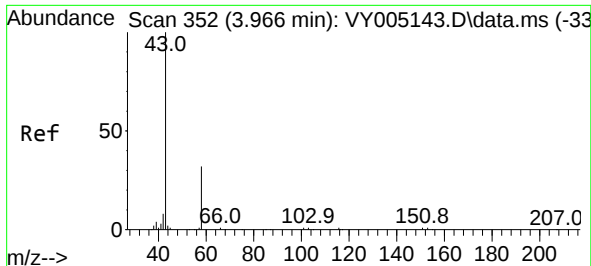
Tgt Ion:168 Resp: 159251
Ion Ratio Lower Upper
168 100
99 55.4 44.5 66.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.991 min Scan# 520
Delta R.T. 0.013 min
Lab File: VY005169.D
Acq: 17 Jun 2021 20:02

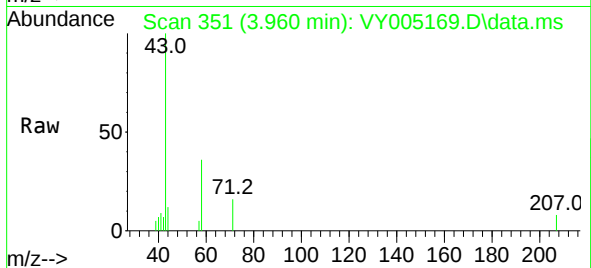
Tgt Ion: 59 Resp: 650
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



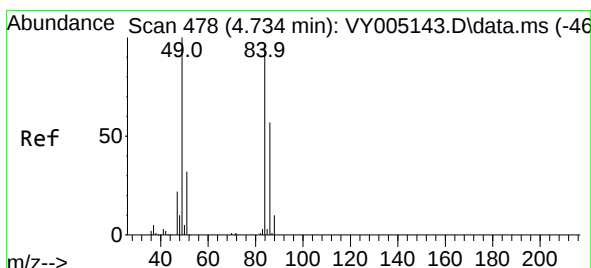
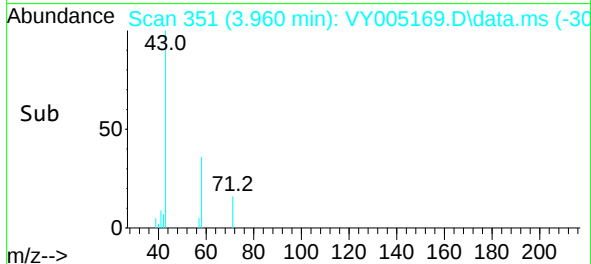
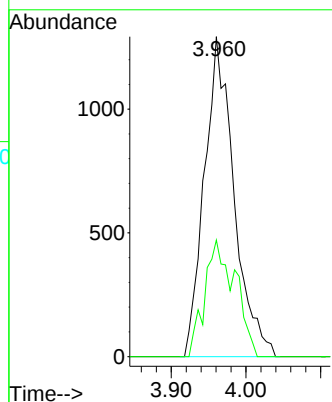


#16
Acetone
Concen: 11.361 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY005169.D
Acq: 17 Jun 2021 20:02

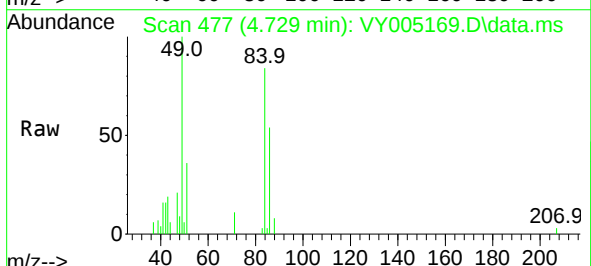
Instrument :
MSVOA_Y
ClientSampled :



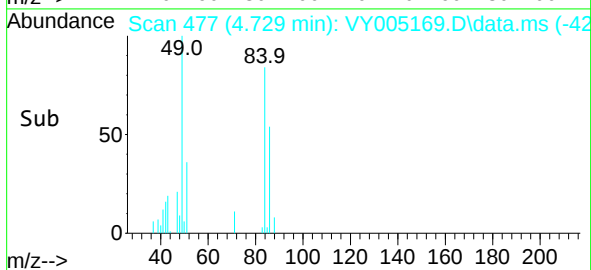
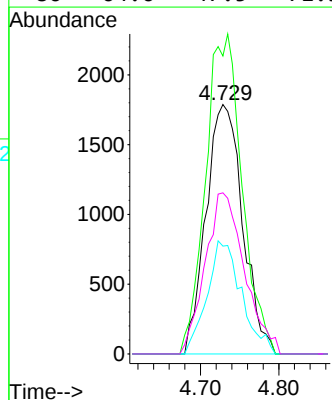
Tgt Ion: 43 Resp: 3558
Ion Ratio Lower Upper
43 100
58 36.4 25.6 38.4

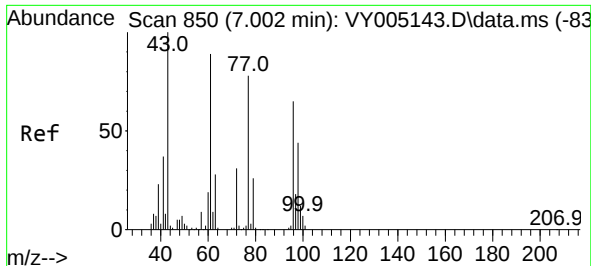


#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.005 min
Lab File: VY005169.D
Acq: 17 Jun 2021 20:02



Tgt Ion: 84 Resp: 5806
Ion Ratio Lower Upper
84 100
49 119.5 83.4 125.2
51 43.3 26.8 40.2#
86 64.6 47.5 71.3





#25

2-Butanone

Concen: 1.287 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.012 min

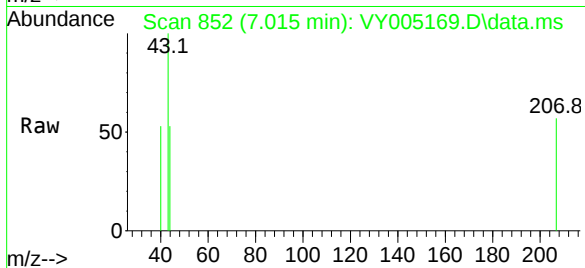
Lab File: VY005169.D

Acq: 17 Jun 2021 20:02

Instrument :

MSVOA_Y

ClientSampled :

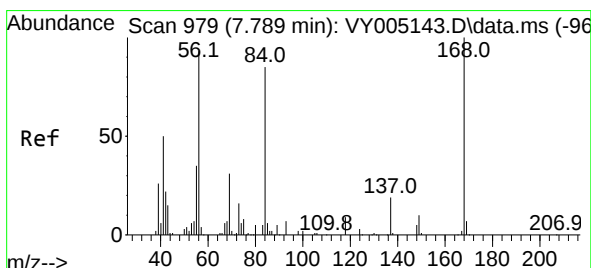
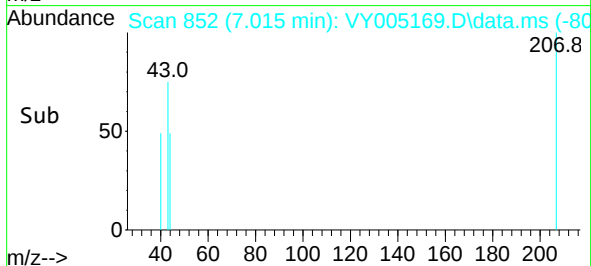
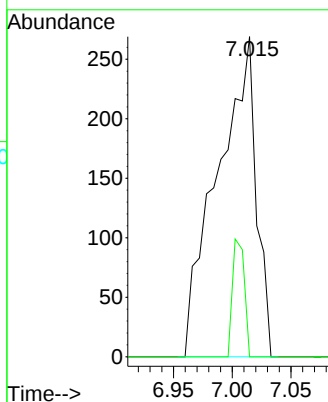


Tgt Ion: 43 Resp: 613

Ion Ratio Lower Upper

43 100

72 0.0 24.8 37.2#



#31

Cyclohexane

Concen: 3.064 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY005169.D

Acq: 17 Jun 2021 20:02

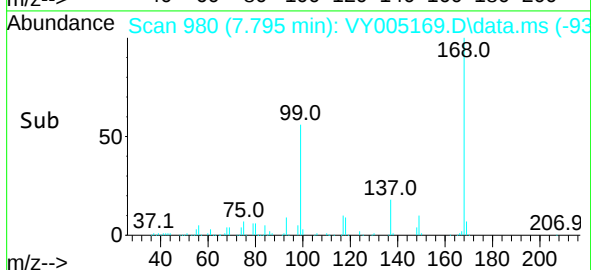
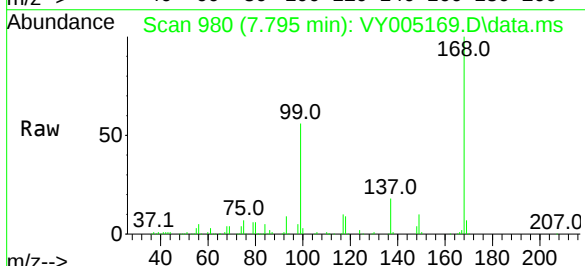
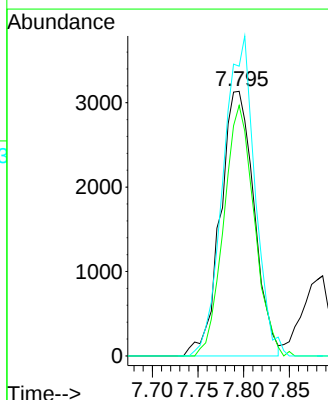
Tgt Ion: 56 Resp: 8026

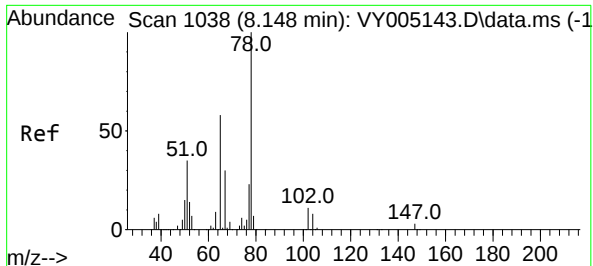
Ion Ratio Lower Upper

56 100

69 94.7 26.3 39.5#

84 109.5 73.2 109.8

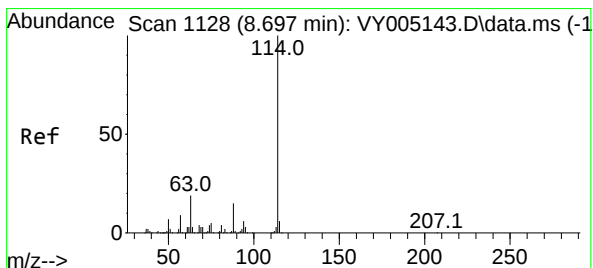
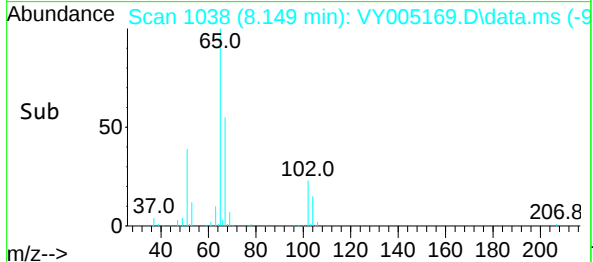
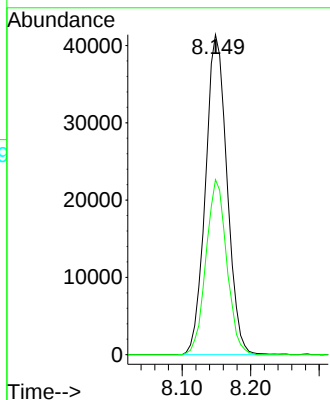
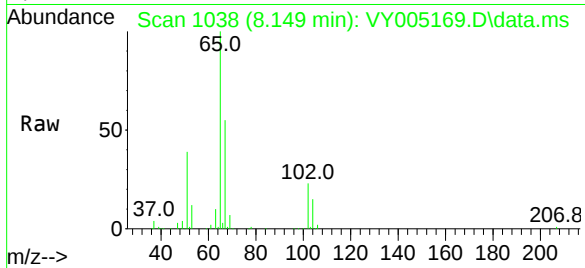




#33
1,2-Dichloroethane-d4
Concen: 58.834 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VY005169.D
Acq: 17 Jun 2021 20:02

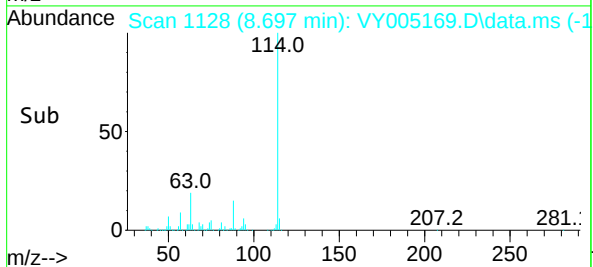
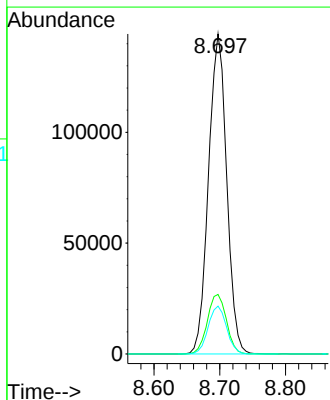
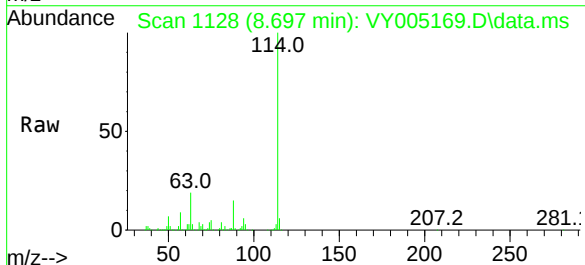
Instrument :
MSVOA_Y
ClientSampled :

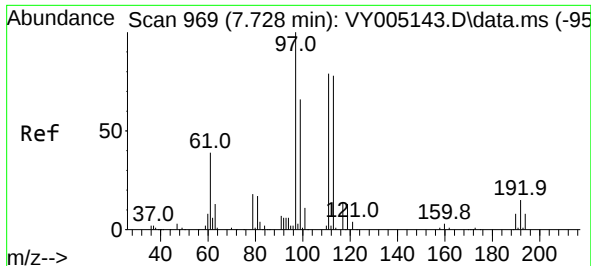
Tgt Ion: 65 Resp: 90592
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005169.D
Acq: 17 Jun 2021 20:02

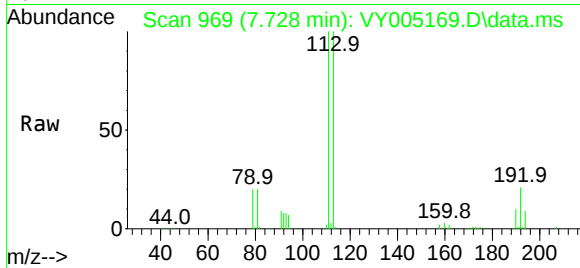
Tgt Ion:114 Resp: 277750
Ion Ratio Lower Upper
114 100
63 18.6 0.0 37.6
88 15.0 0.0 29.6



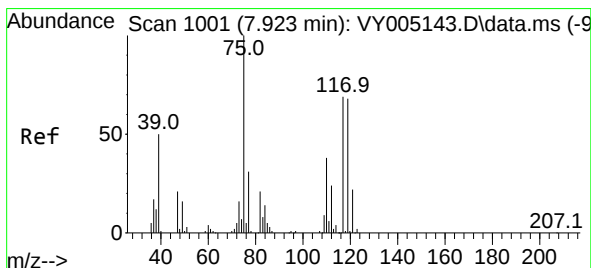
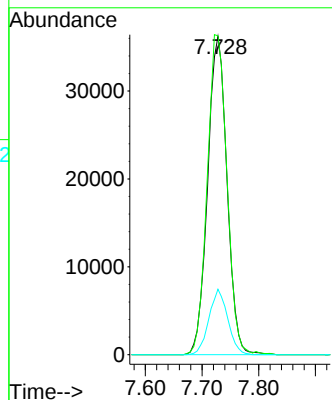
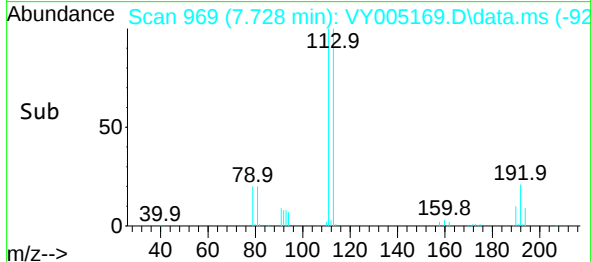


#35
Dibromofluoromethane
Concen: 72.190 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005169.D
Acq: 17 Jun 2021 20:02

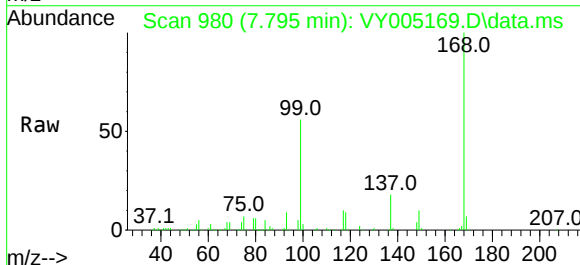
Instrument :
MSVOA_Y
ClientSampleId :



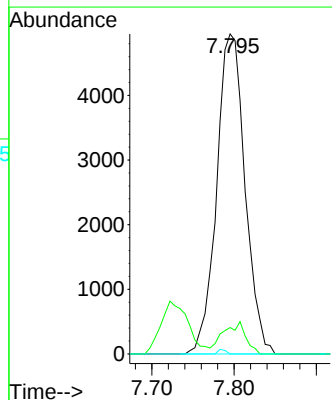
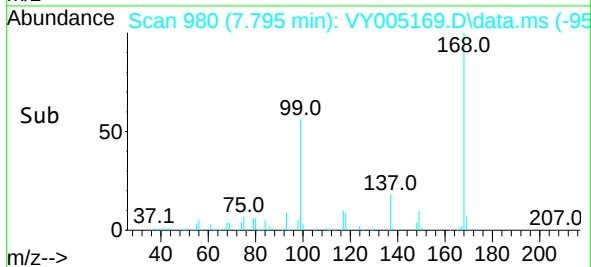
Tgt Ion:113 Resp: 85979
Ion Ratio Lower Upper
113 100
111 102.4 82.3 123.5
192 19.9 16.2 24.2

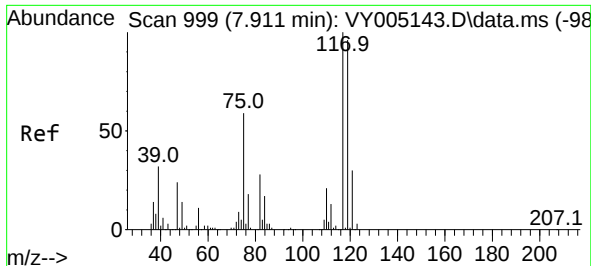


#36
1,1-Dichloropropene
Concen: 4.660 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005169.D
Acq: 17 Jun 2021 20:02



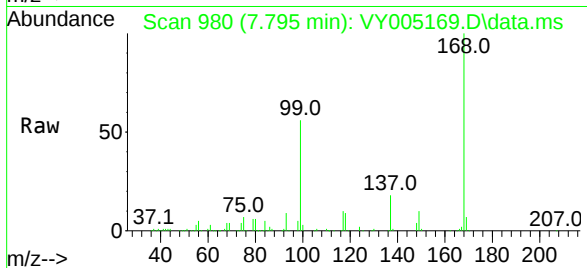
Tgt Ion: 75 Resp: 11852
Ion Ratio Lower Upper
75 100
110 0.0 18.8 56.3#
77 0.4 24.6 36.8#



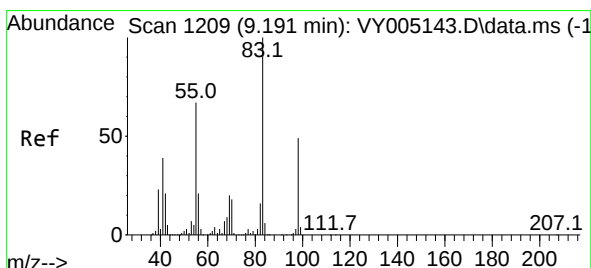
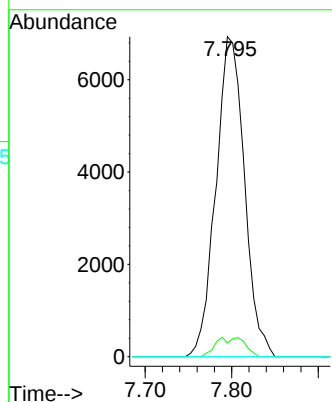
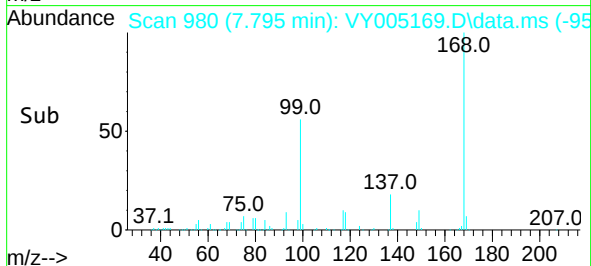


#38
Carbon Tetrachloride
Concen: 5.877 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005169.D
Acq: 17 Jun 2021 20:02

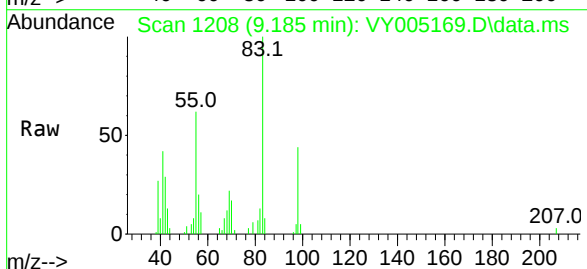
Instrument :
MSVOA_Y
ClientSampleId :



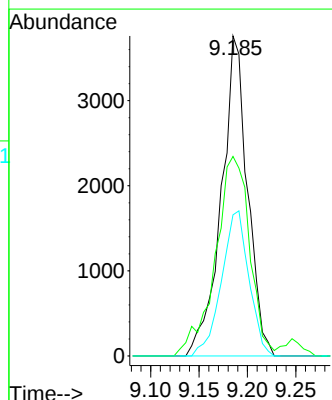
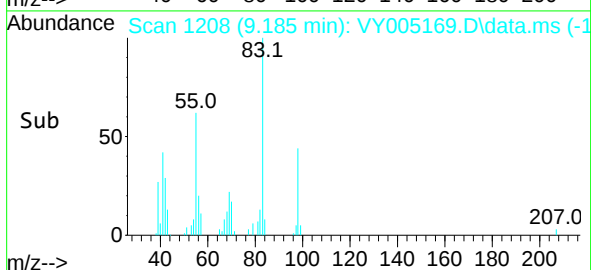
Tgt Ion: 117 Resp: 15870
Ion Ratio Lower Upper
117 100
119 4.3 76.9 115.3#
121 0.0 24.2 36.4#

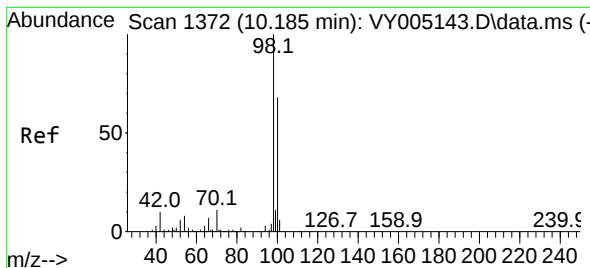


#39
Methylcyclohexane
Concen: 2.248 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY005169.D
Acq: 17 Jun 2021 20:02



Tgt Ion: 83 Resp: 7087
Ion Ratio Lower Upper
83 100
55 60.2 53.8 80.6
98 44.1 39.4 59.2

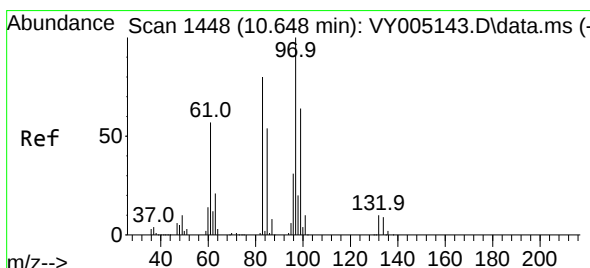
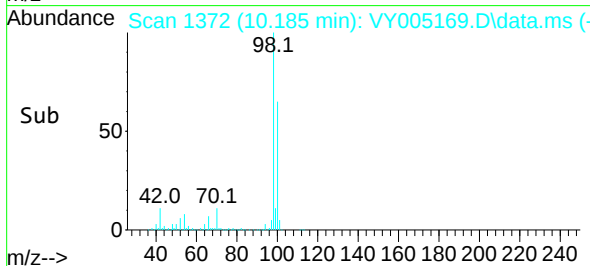
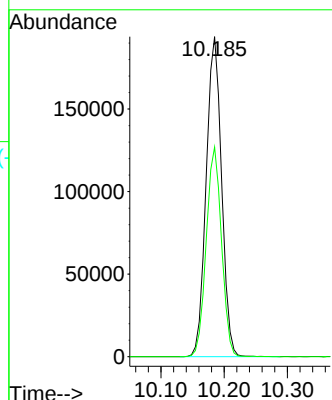
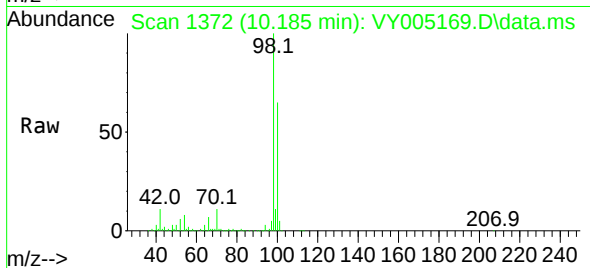




#50
Toluene-d8
Concen: 55.474 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005169.D
Acq: 17 Jun 2021 20:02

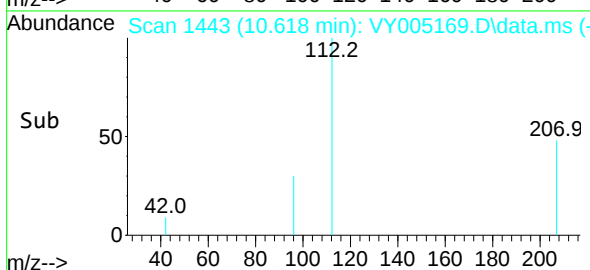
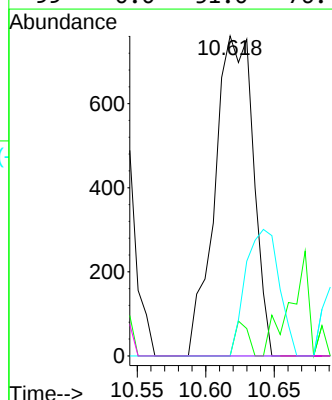
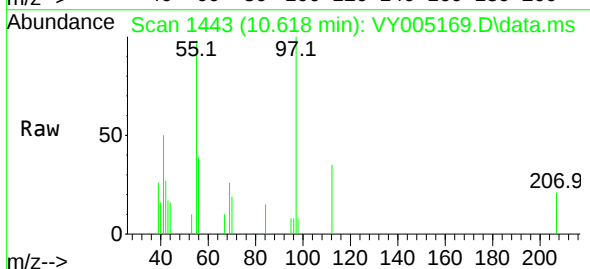
Instrument :
MSVOA_Y
ClientSampled :

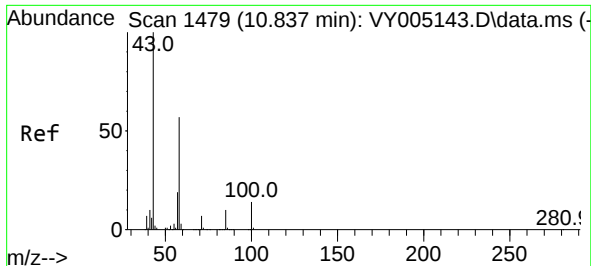
Tgt Ion: 98 Resp: 328255
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#55
1,1,2-Trichloroethane
Concen: 1.037 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.030 min
Lab File: VY005169.D
Acq: 17 Jun 2021 20:02

Tgt Ion: 97 Resp: 1489
Ion Ratio Lower Upper
97 100
83 0.0 64.0 96.0#
85 0.0 42.9 64.3#
99 0.0 51.0 76.4#

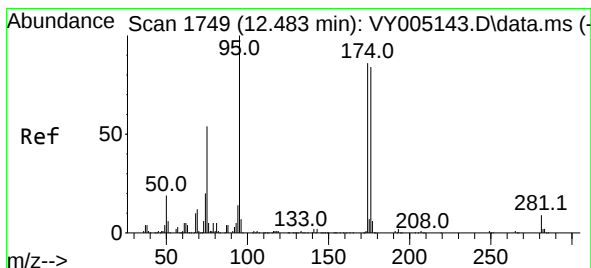
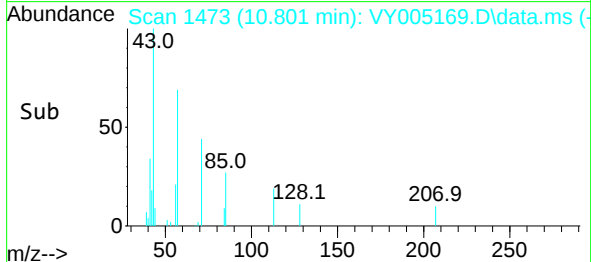
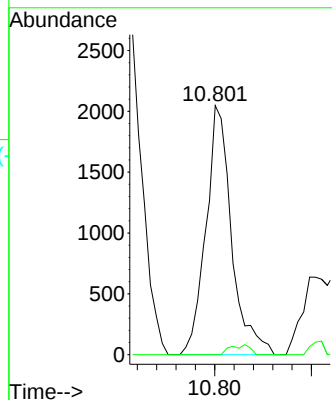
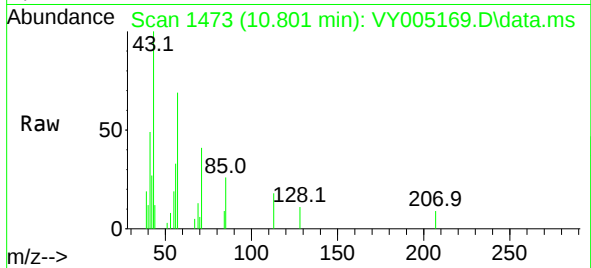




#59
2-Hexanone
Concen: 4.493 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.036 min
Lab File: VY005169.D
Acq: 17 Jun 2021 20:02

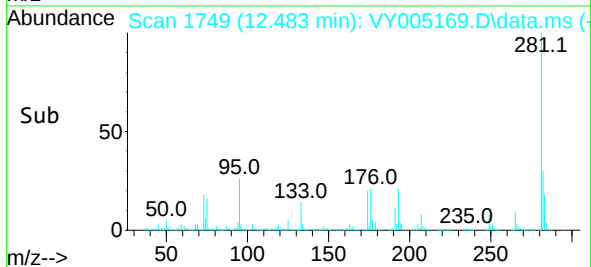
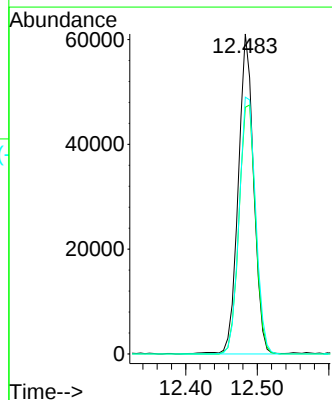
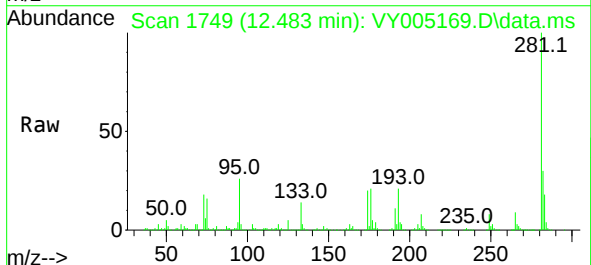
Instrument :
MSVOA_Y
ClientSampleId :

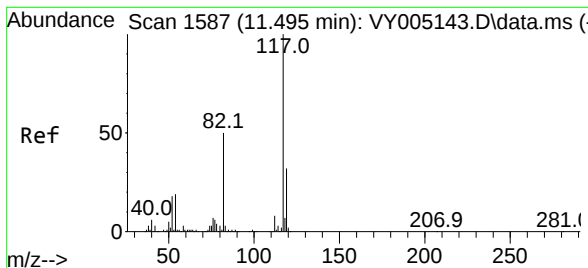
Tgt Ion: 43 Resp: 3774
Ion Ratio Lower Upper
43 100
58 0.0 28.5 85.5#



#62
4-Bromofluorobenzene
Concen: 45.940 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005169.D
Acq: 17 Jun 2021 20:02

Tgt Ion: 95 Resp: 91425
Ion Ratio Lower Upper
95 100
174 82.6 0.0 179.2
176 86.1 0.0 174.0

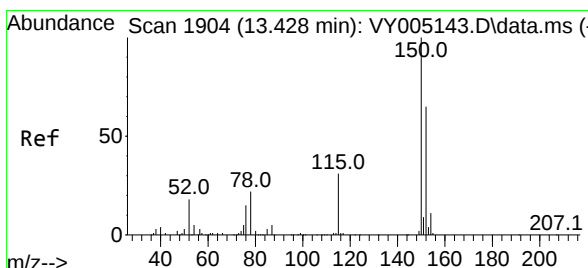
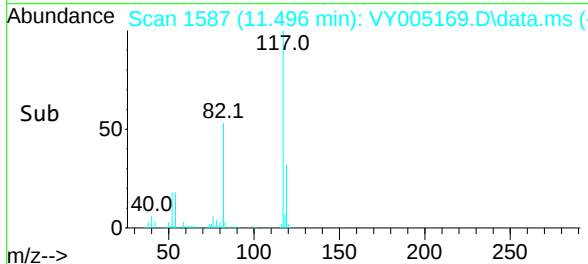
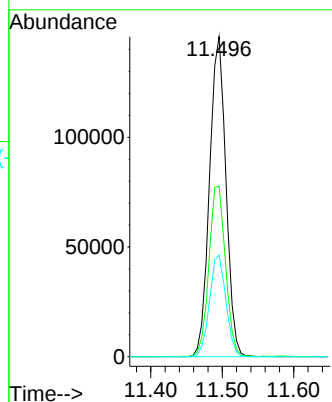
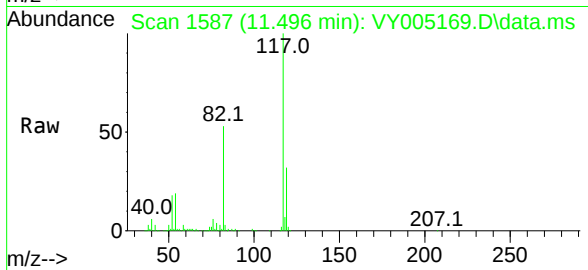




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005169.D
Acq: 17 Jun 2021 20:02

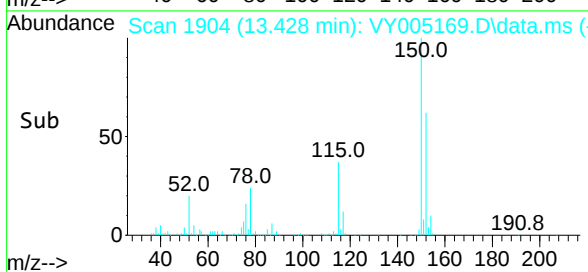
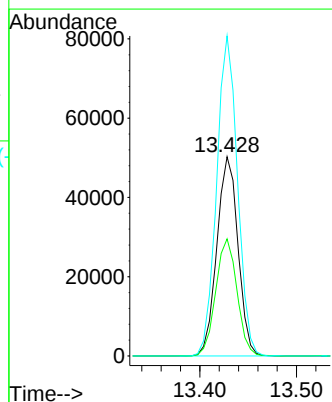
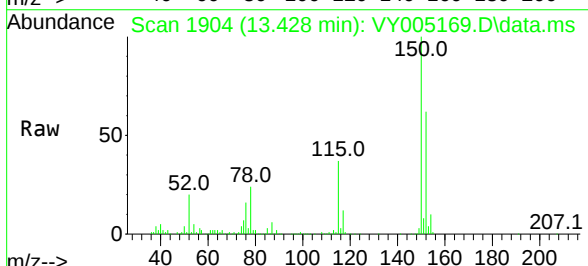
Instrument :
MSVOA_Y
ClientSampleId :

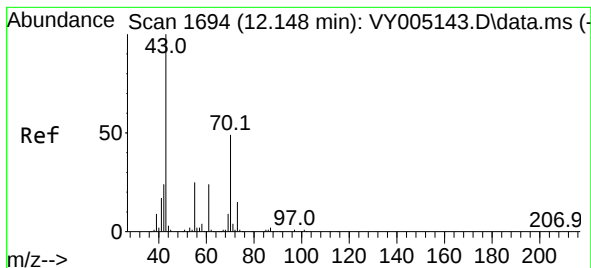
Tgt Ion:117 Resp: 231978
Ion Ratio Lower Upper
117 100
82 53.2 39.8 59.6
119 31.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005169.D
Acq: 17 Jun 2021 20:02

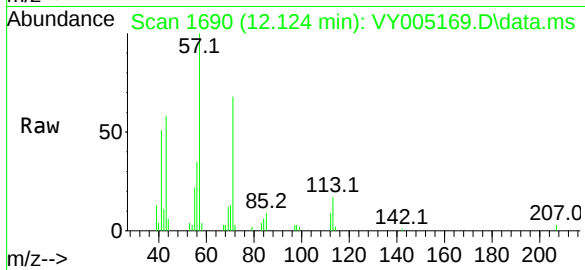
Tgt Ion:152 Resp: 76198
Ion Ratio Lower Upper
152 100
115 59.3 29.5 88.6
150 158.6 0.0 348.2



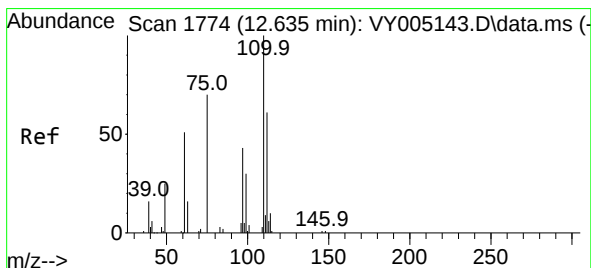
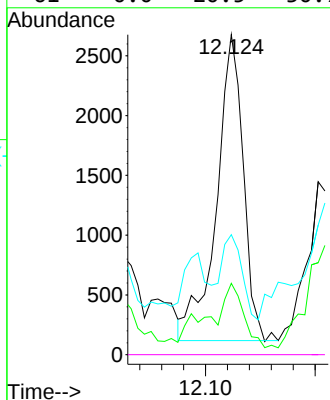
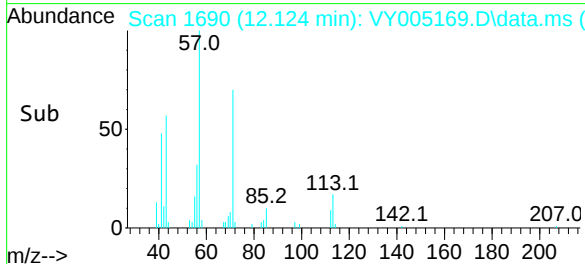


#74
N-amy1 acetate
Concen: 3.504 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.024 min
Lab File: VY005169.D
Acq: 17 Jun 2021 20:02

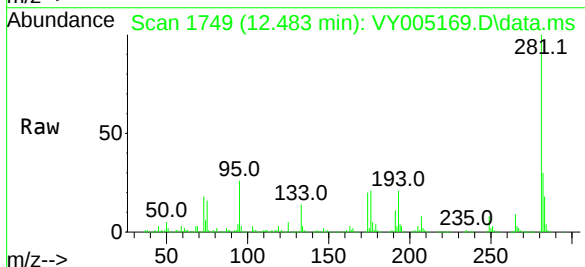
Instrument :
MSVOA_Y
ClientSampleId :



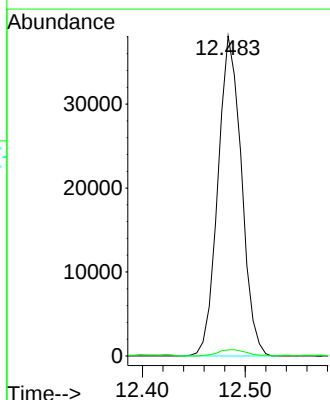
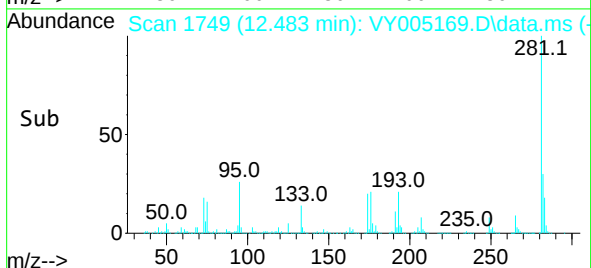
Tgt Ion: 43 Resp: 4341
Ion Ratio Lower Upper
43 100
70 15.4 38.0 57.0#
55 21.8 20.4 30.6
61 0.0 20.5 30.7#

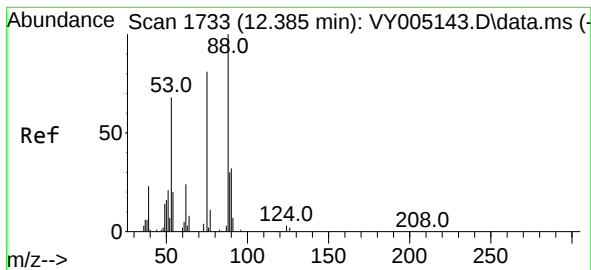


#76
1,2,3-Trichloropropane
Concen: 88.666 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005169.D
Acq: 17 Jun 2021 20:02



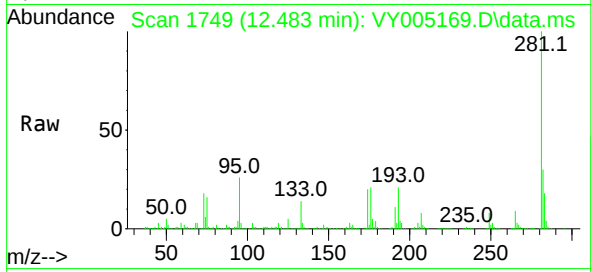
Tgt Ion: 75 Resp: 60475
Ion Ratio Lower Upper
75 100
77 2.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 165.412 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY005169.D
 Acq: 17 Jun 2021 20:02

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 60475
 Ion Ratio Lower Upper
 75 100
 53 0.6 73.2 109.8#
 89 7.0 44.1 66.1#

