

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005665.D
 Acq On : 16 Aug 2021 13:12
 Operator : SY/MD
 Sample : M3407-01RE
 Misc : 12.14G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 25N

Quant Time: Aug 17 05:18:27 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)

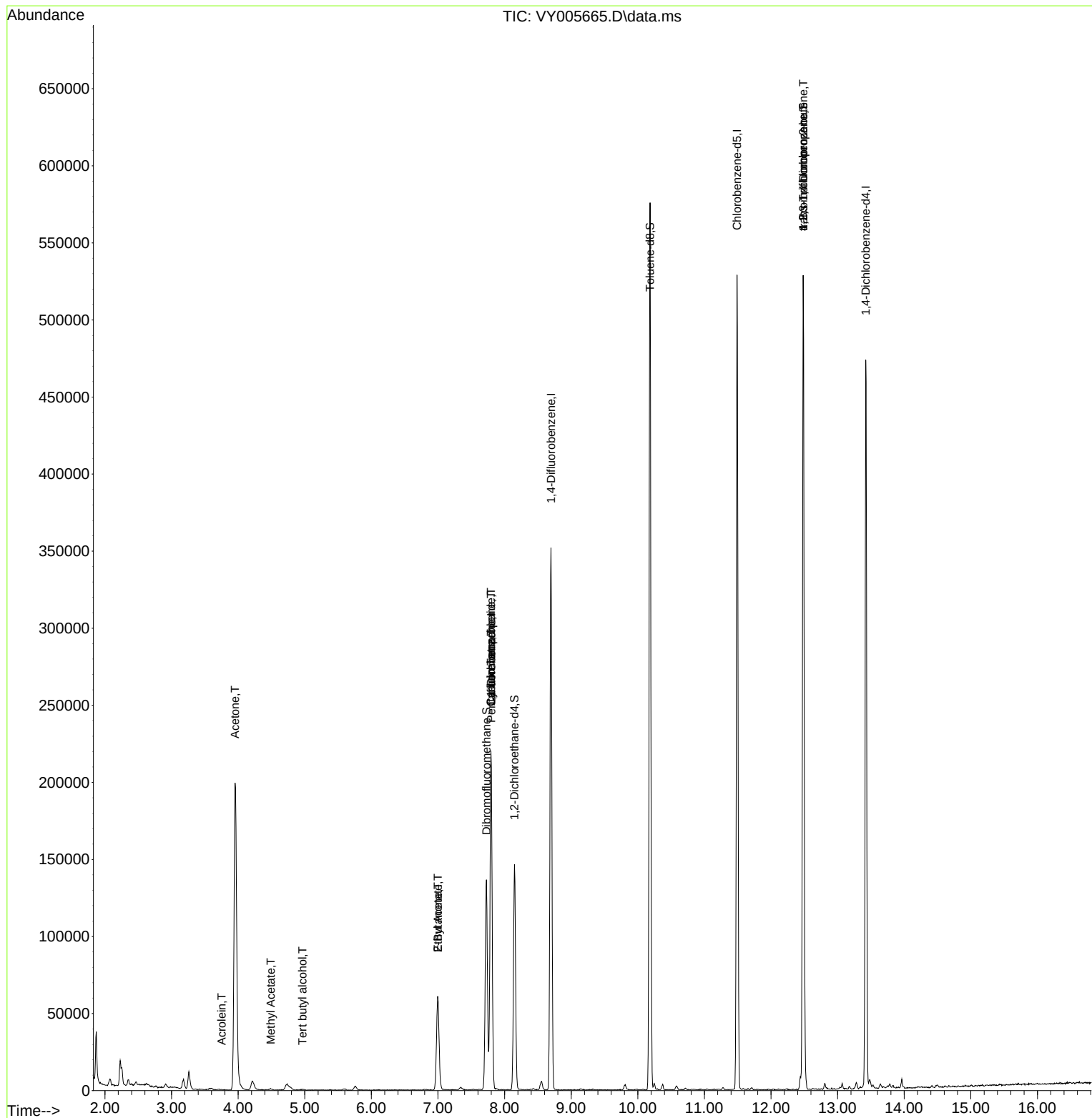
Internal Standards						
1) Pentafluorobenzene	7.801	168	176579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	293363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	279678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	118522	66.309	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.620%	
35) Dibromofluoromethane	7.728	113	90349	55.008	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.020%	
50) Toluene-d8	10.185	98	370034	53.718	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.440%	
62) 4-Bromofluorobenzene	12.483	95	117625	51.565	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.140%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.966	59	1334	7.550	ug/l #	73
13) Acrolein	3.753	56	111	1.041	ug/l #	14
16) Acetone	3.954	43	354489	786.614	ug/l	98
18) Methyl Acetate	4.491	43	1532	1.300	ug/l #	72
20) Methylene Chloride	4.734	84	2455	Below Cal	#	78
25) 2-Butanone	6.996	43	102396	153.712	ug/l	97
31) Cyclohexane	7.795	56	3889	1.268	ug/l #	51
36) 1,1-Dichloropropene	7.795	75	12656	4.600	ug/l #	50
37) Ethyl Acetate	6.996	43	102396	61.428	ug/l #	69
38) Carbon Tetrachloride	7.795	117	15883	5.311	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	66336	51.854	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	66336	104.531	ug/l #	11

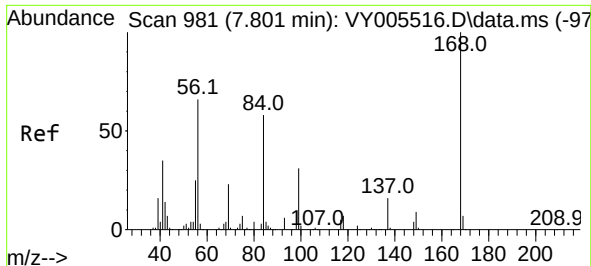
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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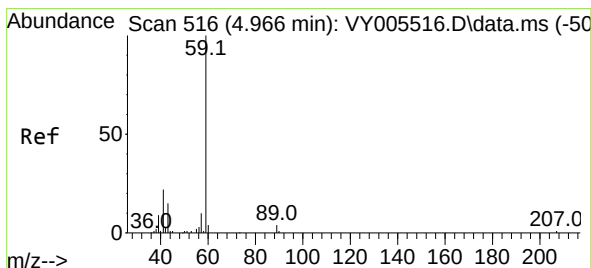
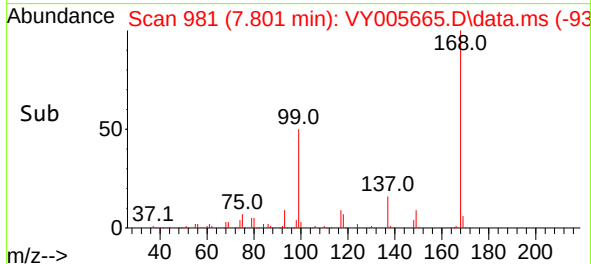
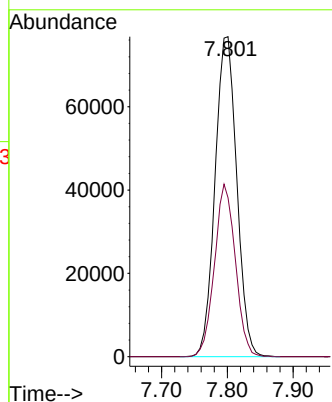
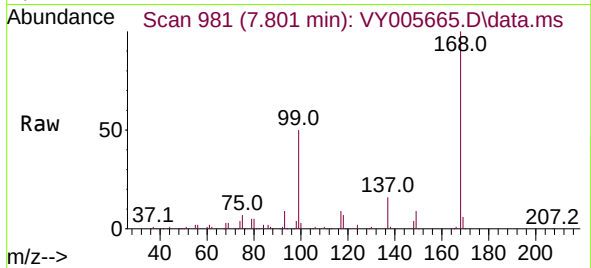




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005665.D
Acq: 16 Aug 2021 13:12

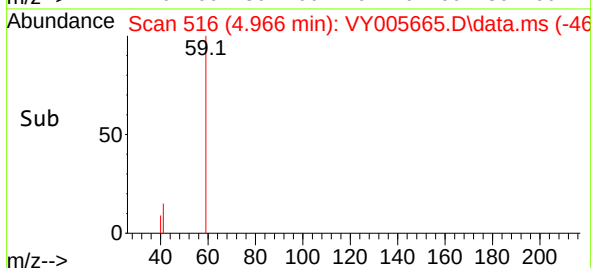
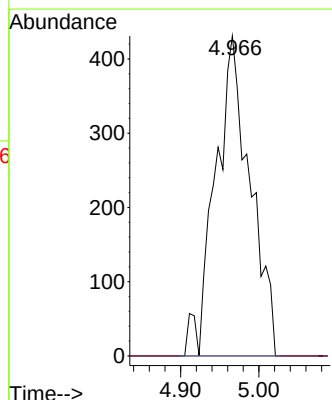
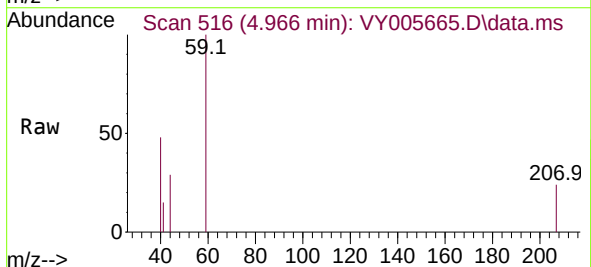
Instrument :
MSVOA_Y
ClientSampleId :
25N

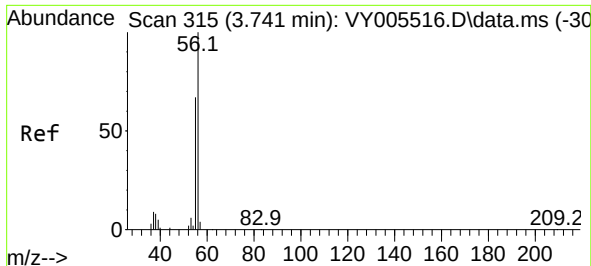
Tgt Ion:168 Resp: 176579
Ion Ratio Lower Upper
168 100
99 49.6 38.9 58.3



#11
Tert butyl alcohol
Concen: 7.550 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.000 min
Lab File: VY005665.D
Acq: 16 Aug 2021 13:12

Tgt Ion: 59 Resp: 1334
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

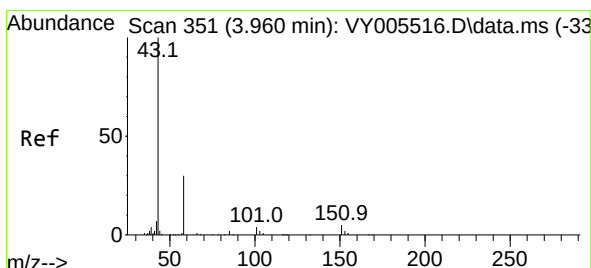
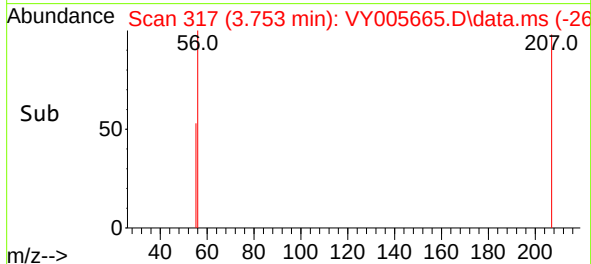
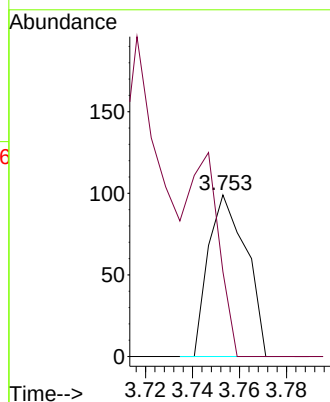
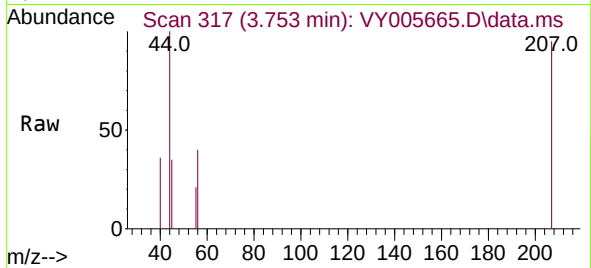




#13
Acrolein
Concen: 1.041 ug/l
RT: 3.753 min Scan# 317
Delta R.T. 0.012 min
Lab File: VY005665.D
Acq: 16 Aug 2021 13:12

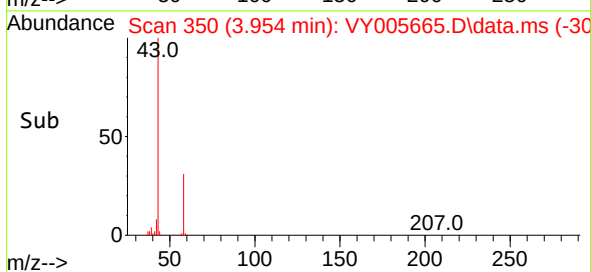
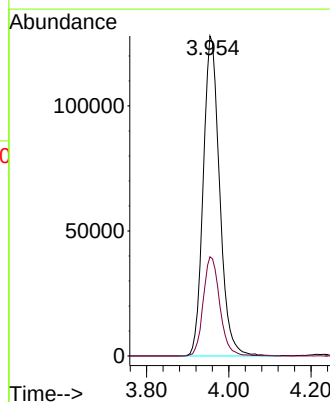
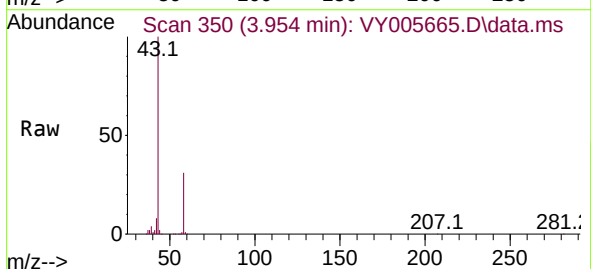
Instrument :
MSVOA_Y
ClientSampleId :
25N

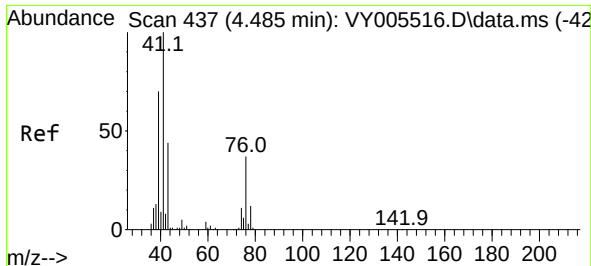
Tgt Ion: 56 Resp: 111
Ion Ratio Lower Upper
56 100
55 0.0 56.5 84.7#



#16
Acetone
Concen: 786.614 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005665.D
Acq: 16 Aug 2021 13:12

Tgt Ion: 43 Resp: 354489
Ion Ratio Lower Upper
43 100
58 31.0 23.8 35.6

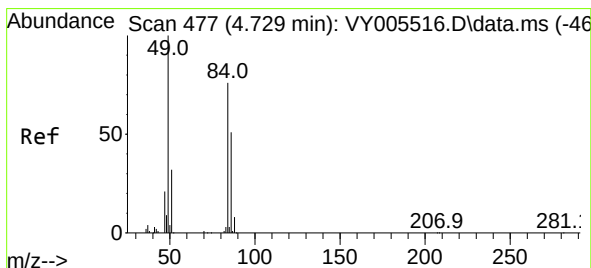
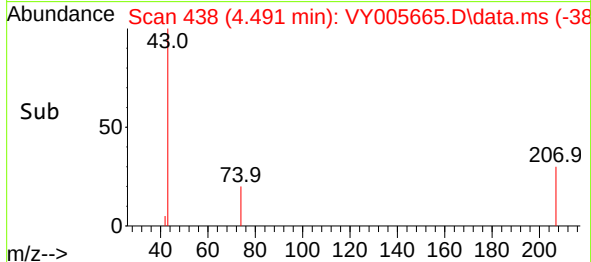
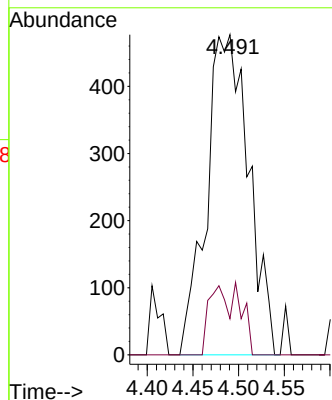
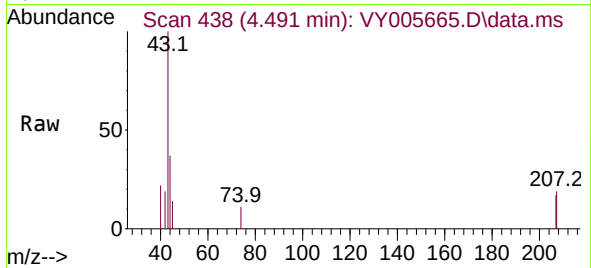




#18
Methyl Acetate
Concen: 1.300 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY005665.D
Acq: 16 Aug 2021 13:12

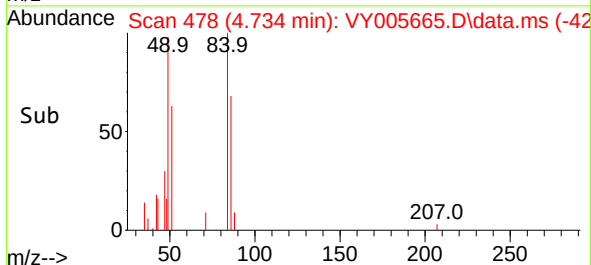
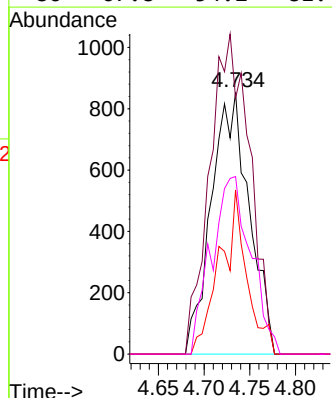
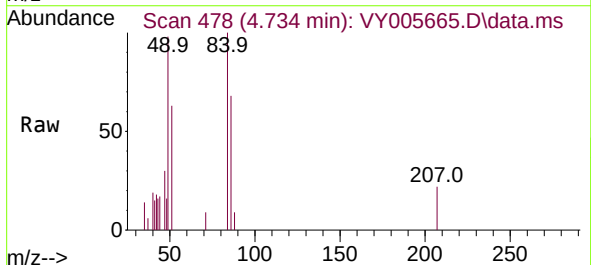
Instrument :
MSVOA_Y
ClientSampleId :
25N

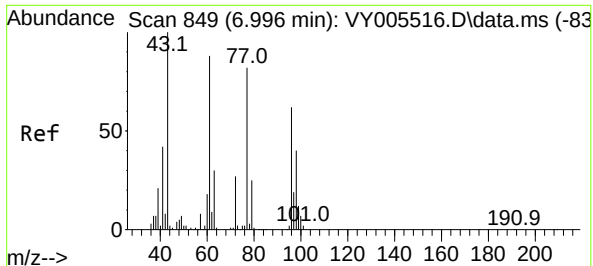
Tgt Ion: 43 Resp: 1532
Ion Ratio Lower Upper
43 100
74 9.8 19.0 28.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY005665.D
Acq: 16 Aug 2021 13:12

Tgt Ion: 84 Resp: 2455
Ion Ratio Lower Upper
84 100
49 97.8 105.8 158.6#
51 62.6 33.4 50.2#
86 67.8 54.2 81.4





#25

2-Butanone

Concen: 153.712 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY005665.D

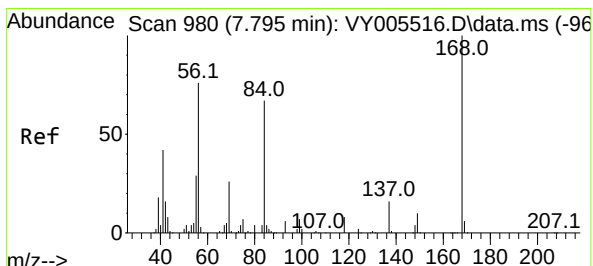
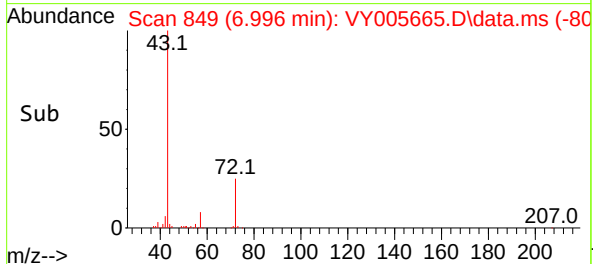
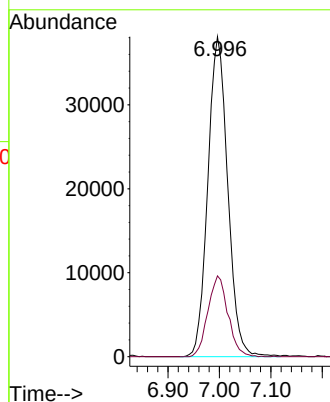
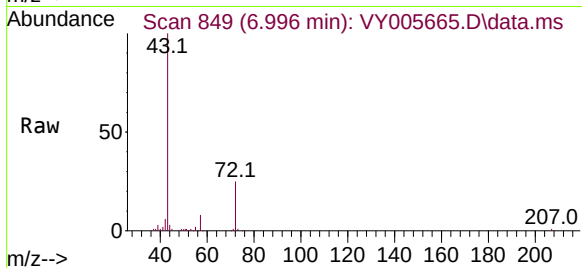
Acq: 16 Aug 2021 13:12

Tgt Ion: 43 Resp: 102396

Ion Ratio Lower Upper

43 100

72 25.2 21.4 32.2



#31

Cyclohexane

Concen: 1.268 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.000 min

Lab File: VY005665.D

Acq: 16 Aug 2021 13:12

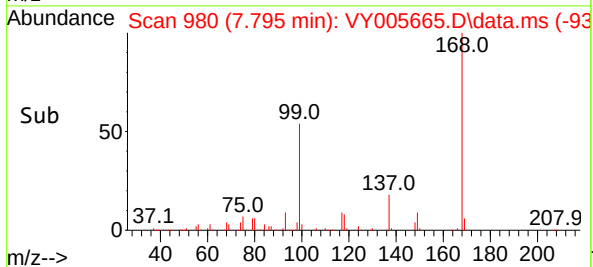
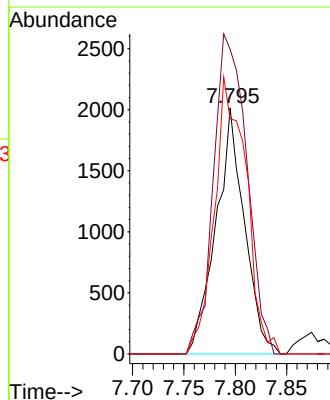
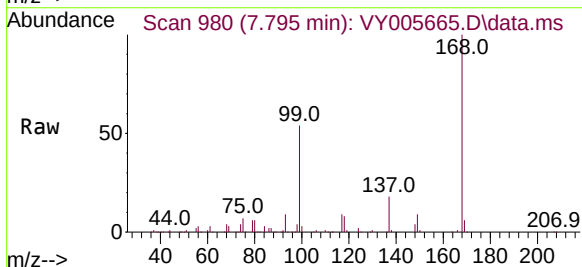
Tgt Ion: 56 Resp: 3889

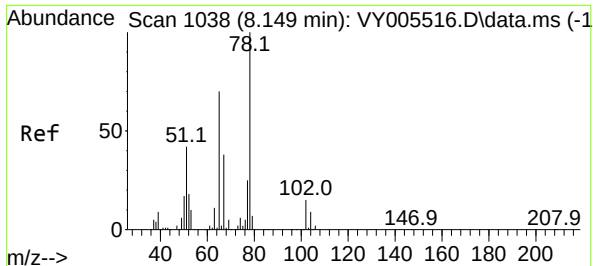
Ion Ratio Lower Upper

56 100

69 123.8 27.7 41.5#

84 95.7 70.9 106.3

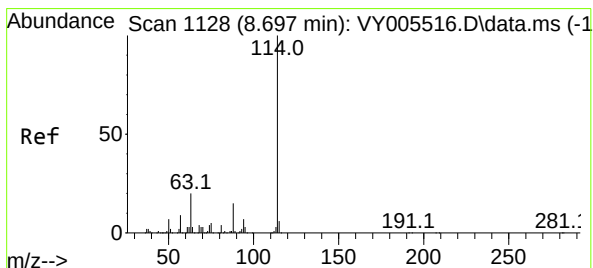
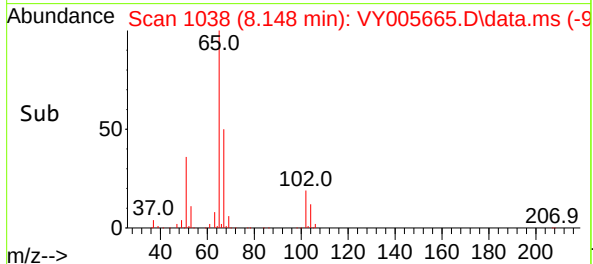
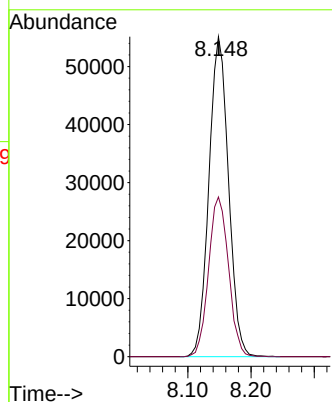
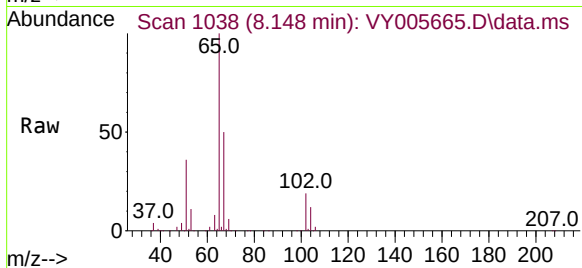




#33
 1,2-Dichloroethane-d4
 Concen: 66.309 ug/l
 RT: 8.148 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005665.D
 Acq: 16 Aug 2021 13:12

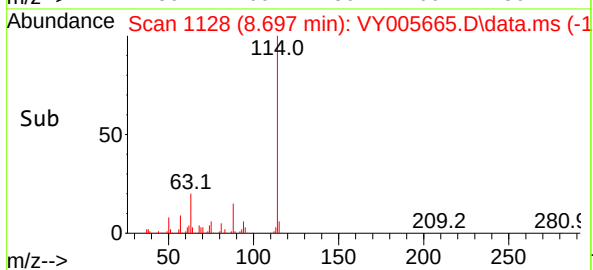
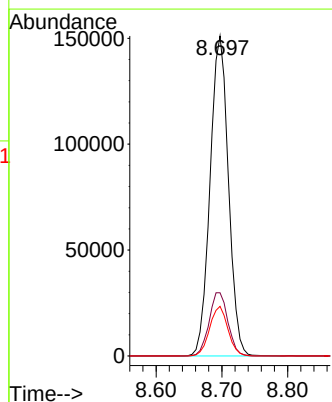
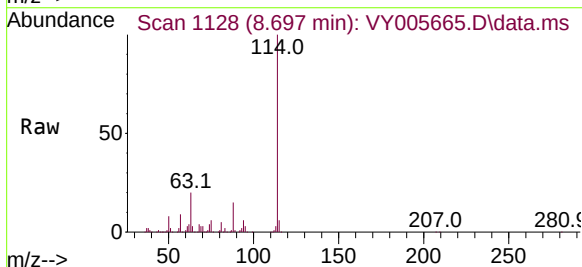
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 MSVOA_Y
 ClientSampled :
 25N

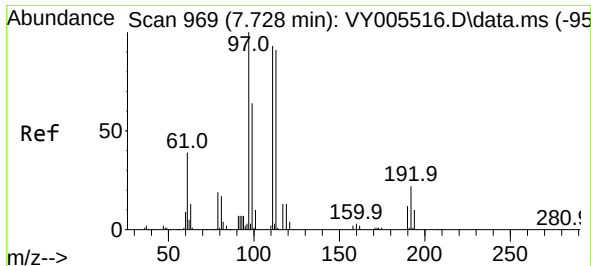
Tgt Ion: 65 Resp: 118522
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005665.D
 Acq: 16 Aug 2021 13:12

Tgt Ion: 114 Resp: 293363
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.2
 88 15.5 0.0 30.8

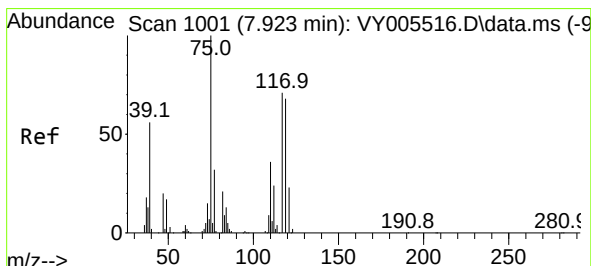
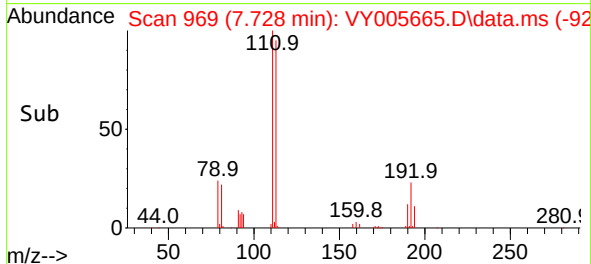
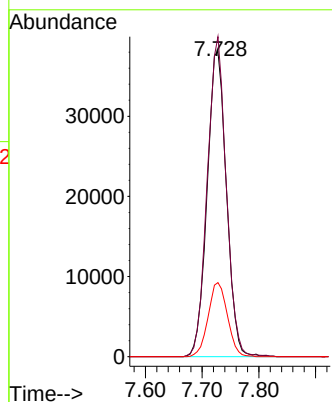
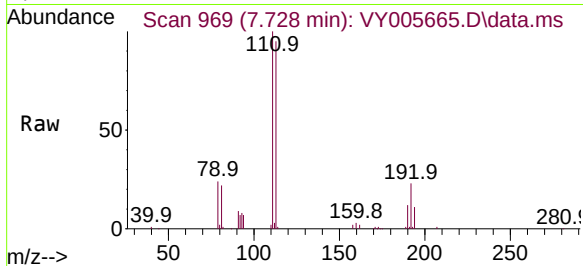




#35
Dibromofluoromethane
Concen: 55.008 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005665.D
Acq: 16 Aug 2021 13:12

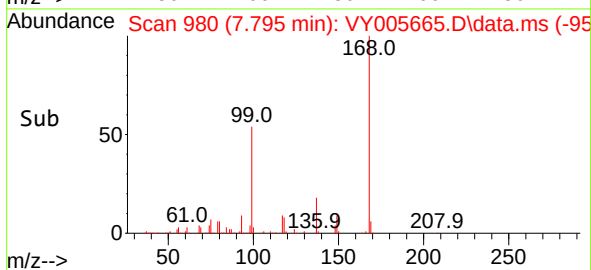
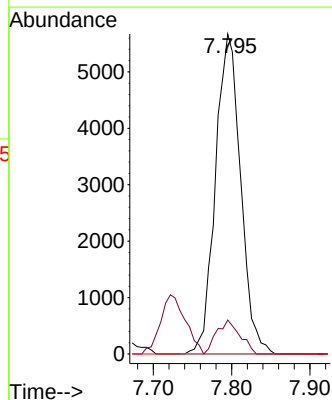
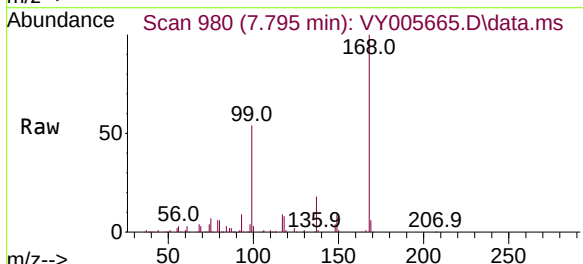
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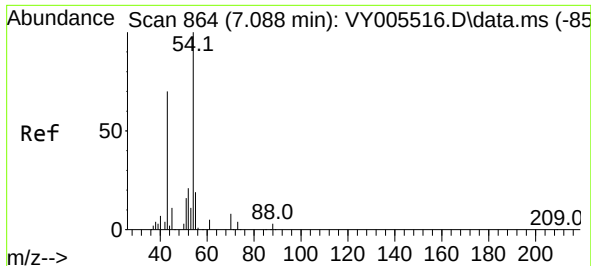
Tgt Ion:113 Resp: 90349
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 24.2 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.600 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005665.D
Acq: 16 Aug 2021 13:12

Tgt Ion: 75 Resp: 12656
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.1#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 61.428 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.092 min

Lab File: VY005665.D

Acq: 16 Aug 2021 13:12

Instrument :

MSVOA_Y

ClientSampleId :

25N

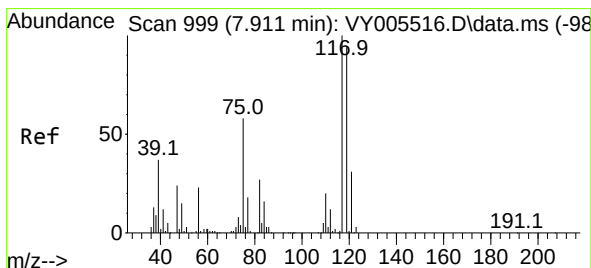
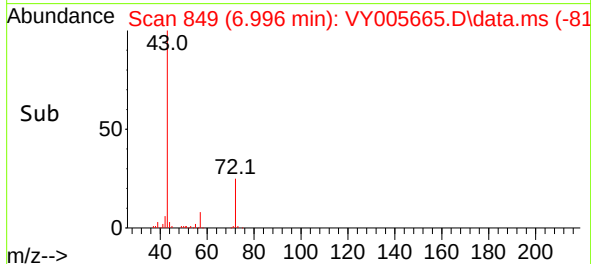
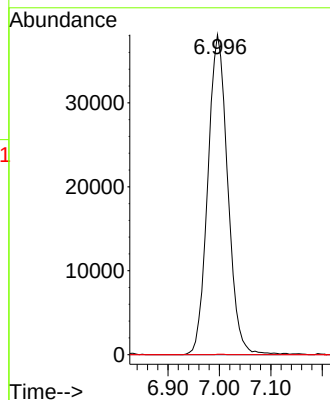
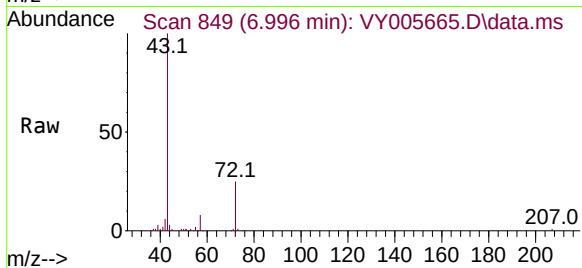
Tgt Ion: 43 Resp: 102396

Ion Ratio Lower Upper

43 100

61 0.0 10.6 15.8#

70 0.1 8.6 13.0#



#38

Carbon Tetrachloride

Concen: 5.311 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.116 min

Lab File: VY005665.D

Acq: 16 Aug 2021 13:12

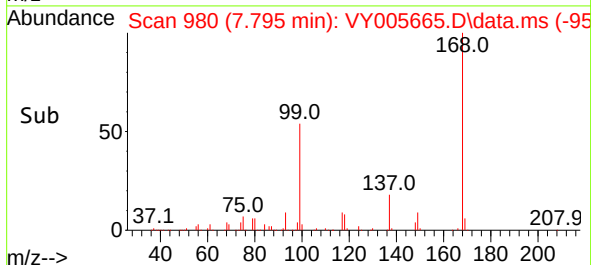
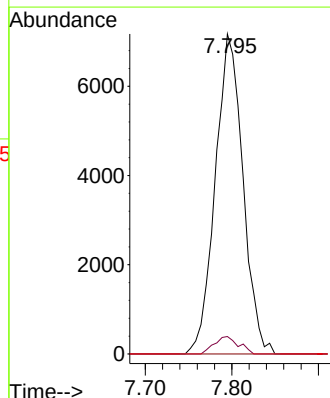
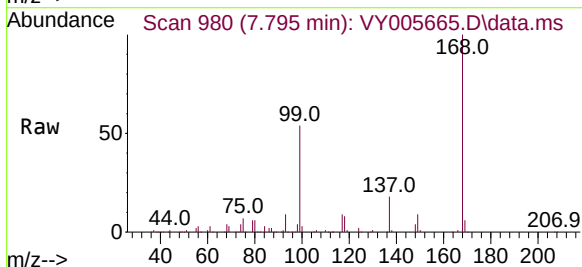
Tgt Ion: 117 Resp: 15883

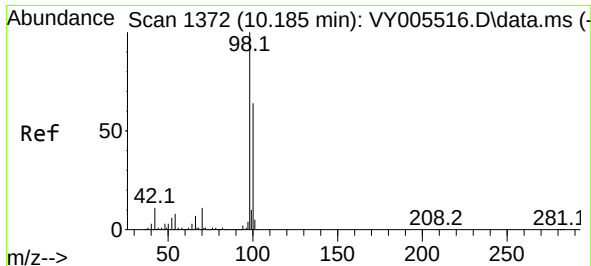
Ion Ratio Lower Upper

117 100

119 5.5 75.4 113.0#

121 0.0 25.1 37.7#

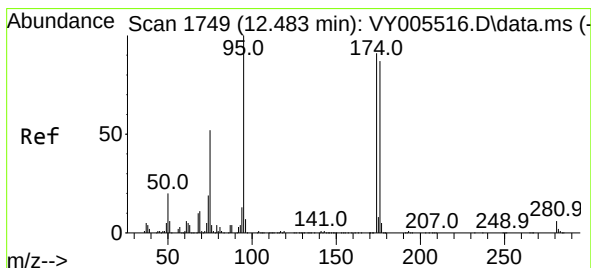
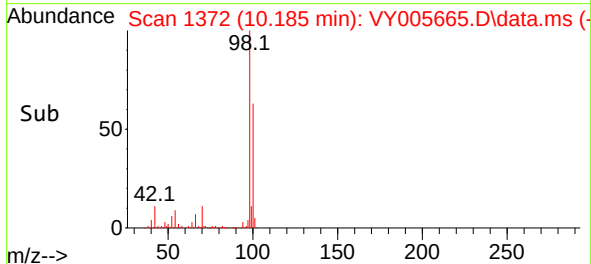
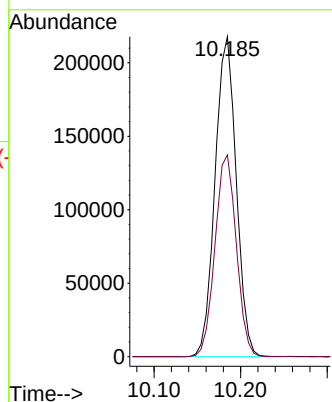
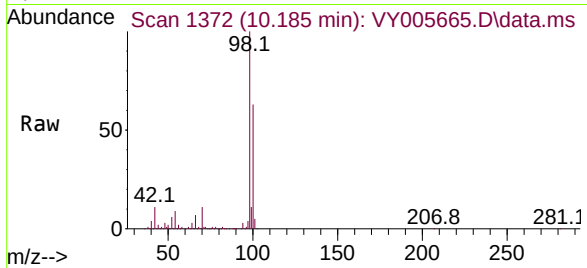




#50
Toluene-d8
Concen: 53.718 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005665.D
Acq: 16 Aug 2021 13:12

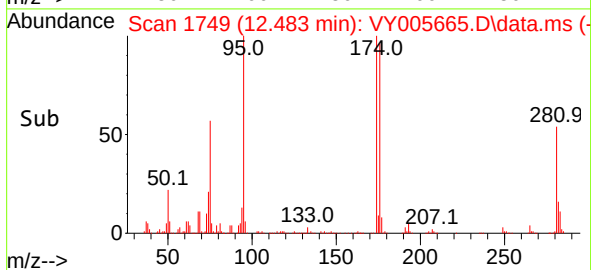
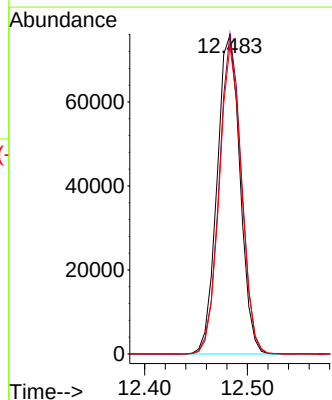
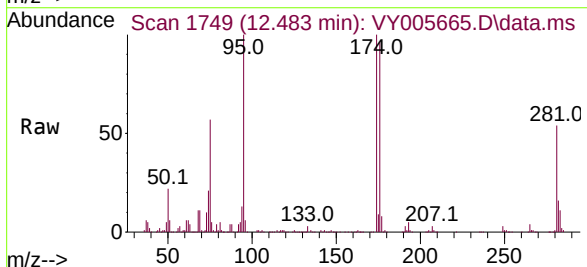
Instrument :
MSVOA_Y
ClientSampleId :
25N

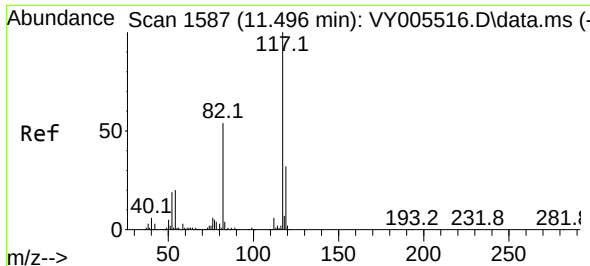
Tgt Ion: 98 Resp: 370034
Ion Ratio Lower Upper
98 100
100 63.4 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 51.565 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005665.D
Acq: 16 Aug 2021 13:12

Tgt Ion: 95 Resp: 117625
Ion Ratio Lower Upper
95 100
174 96.6 0.0 191.4
176 93.2 0.0 183.6

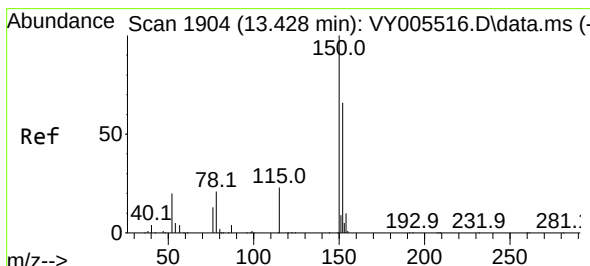
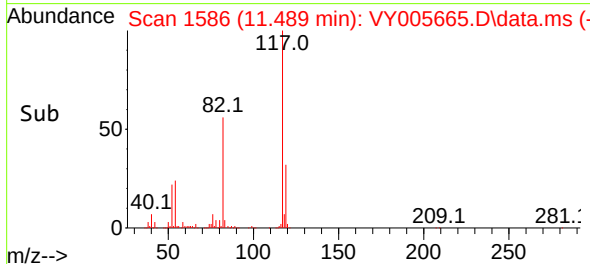
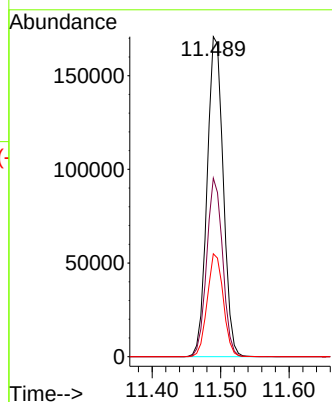
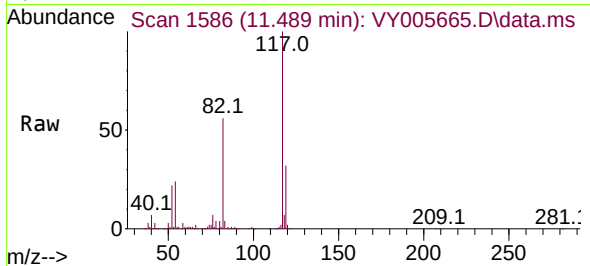




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005665.D
Acq: 16 Aug 2021 13:12

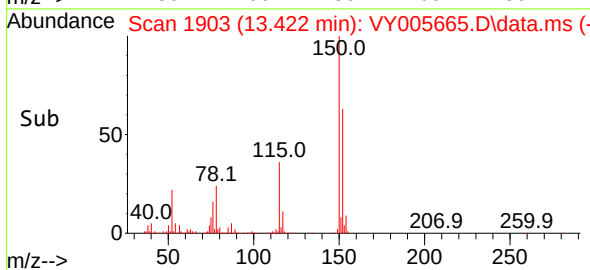
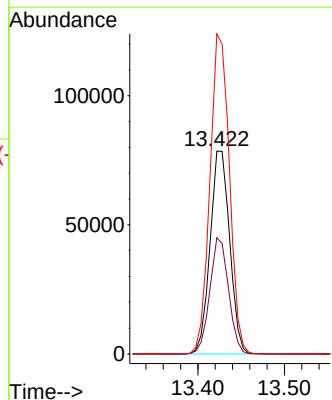
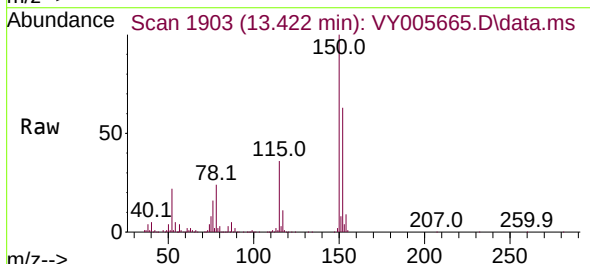
Instrument :
MSVOA_Y
ClientSampleId :
25N

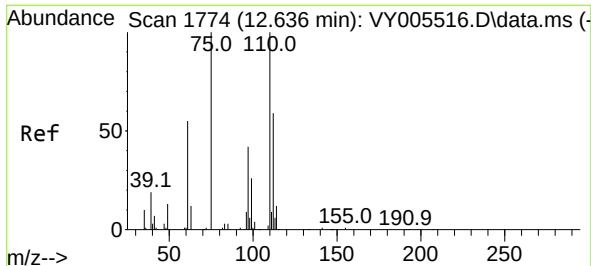
Tgt Ion:	117	Resp:	279678
Ion	Ratio	Lower	Upper
117	100		
82	55.8	43.5	65.3
119	32.2	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY005665.D
Acq: 16 Aug 2021 13:12

Tgt Ion:	152	Resp:	123448
Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.3	81.9
150	156.6	0.0	350.2

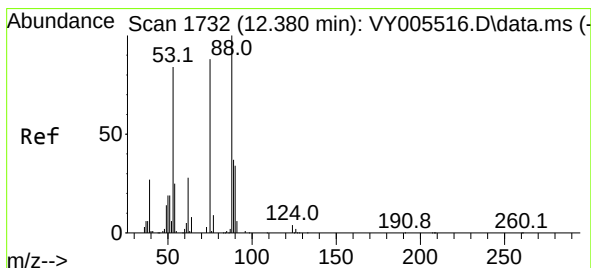
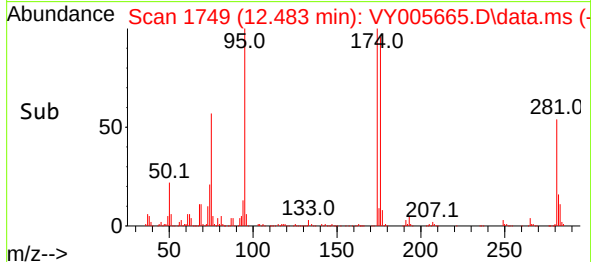
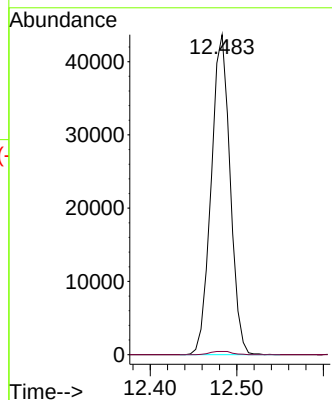
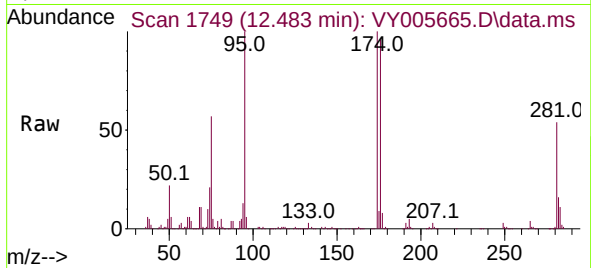




#76
1,2,3-Trichloropropane
Concen: 51.854 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005665.D
Acq: 16 Aug 2021 13:12

Instrument :
MSVOA_Y
ClientSampled :
25N

Tgt Ion: 75 Resp: 66336
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.531 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005665.D
Acq: 16 Aug 2021 13:12

Tgt Ion: 75 Resp: 66336
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.4 38.4 57.6#

