

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005696.D
 Acq On : 17 Aug 2021 02:44
 Operator : SY/MD
 Sample : M3425-04
 Misc : 8.52G/5ML/MSVOA_Y/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 21N

Quant Time: Aug 17 05:24:12 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)

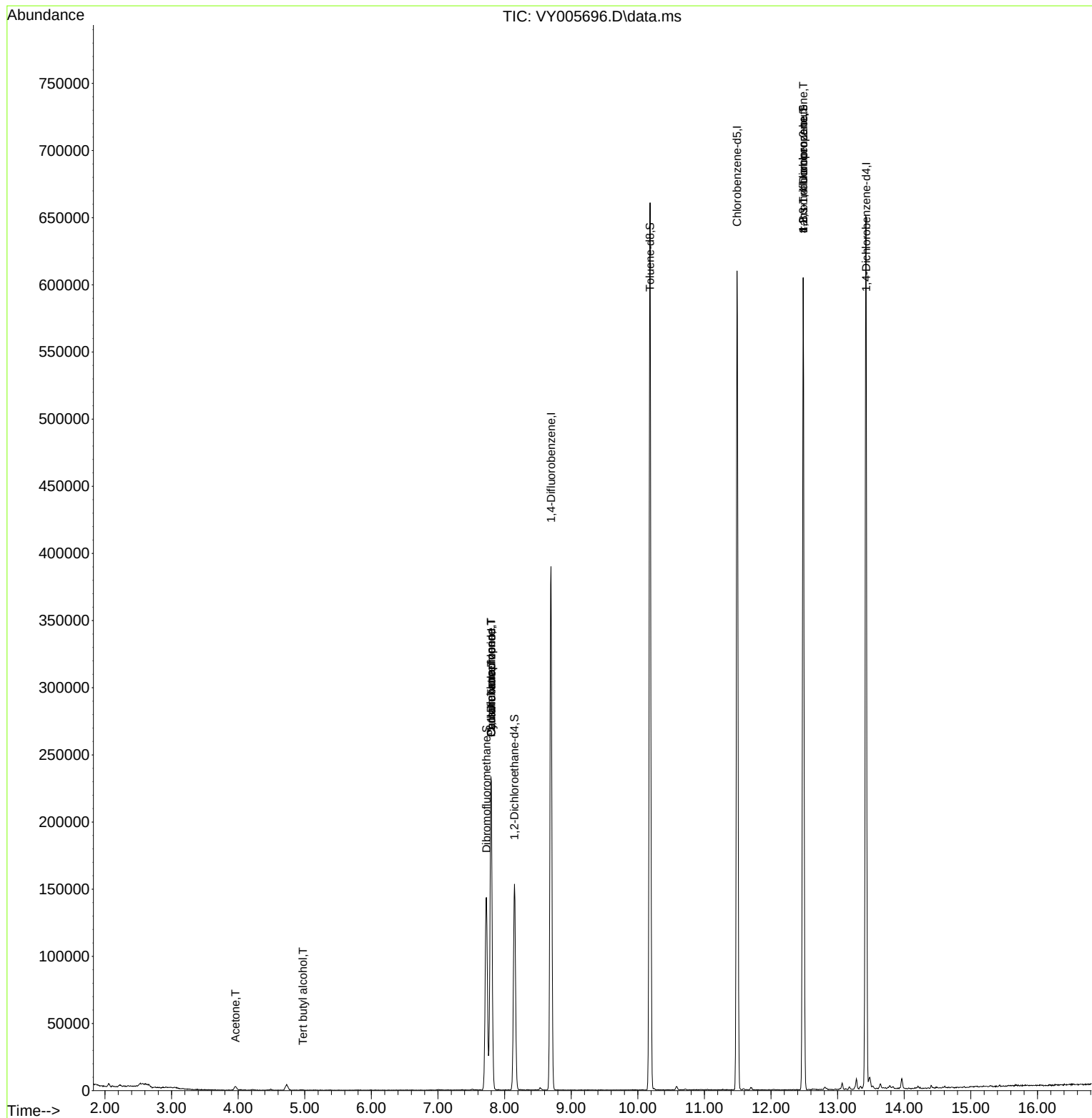
Internal Standards						
1) Pentafluorobenzene	7.801	168	186325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	322990	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	329637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	167394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	126166	66.893	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.780%	
35) Dibromofluoromethane	7.728	113	97535	53.936	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.880%	
50) Toluene-d8	10.185	98	419369	55.296	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.600%	
62) 4-Bromofluorobenzene	12.483	95	146573	58.362	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.720%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.972	59	635	3.406	ug/l #	73
16) Acetone	3.960	43	4595	9.663	ug/l #	80
20) Methylene Chloride	4.728	84	3045	Below Cal		90
31) Cyclohexane	7.801	56	3786	1.170	ug/l #	21
36) 1,1-Dichloropropene	7.795	75	13237	4.369	ug/l #	51
38) Carbon Tetrachloride	7.801	117	16836	5.113	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	81126	46.767	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	81126	94.276	ug/l #	11

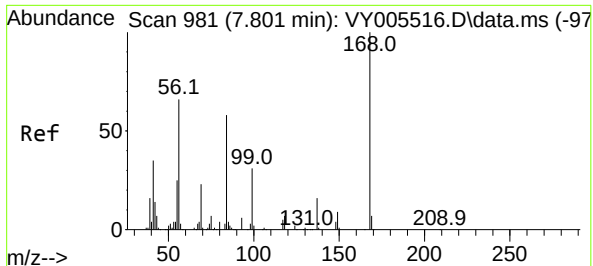
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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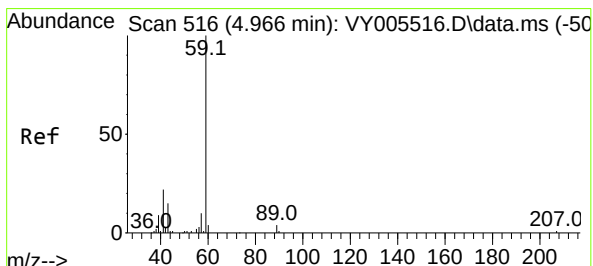
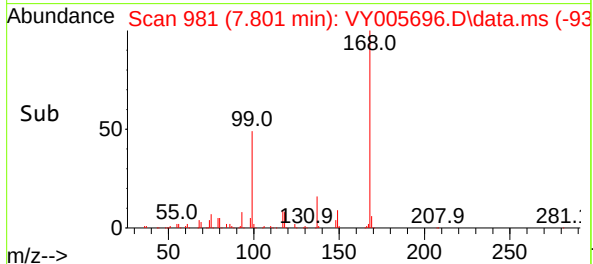
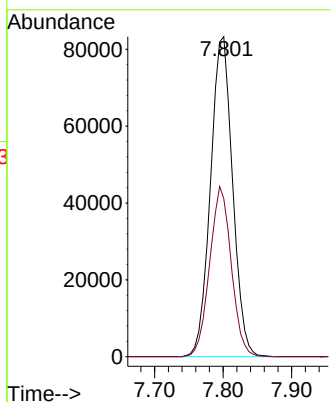
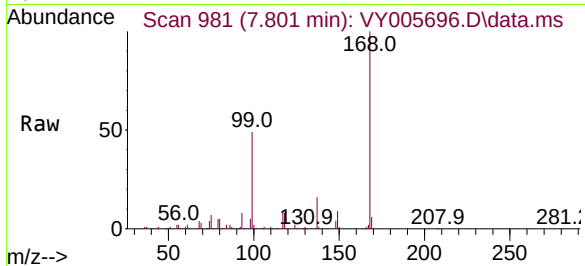




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005696.D
Acq: 17 Aug 2021 02:44

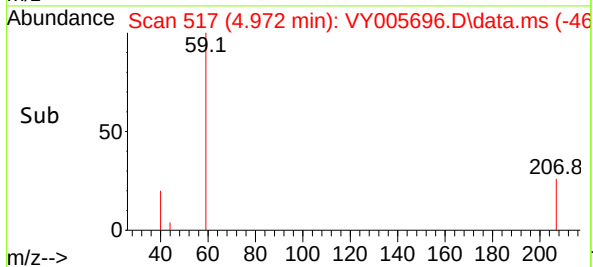
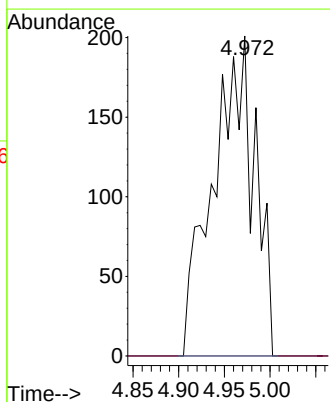
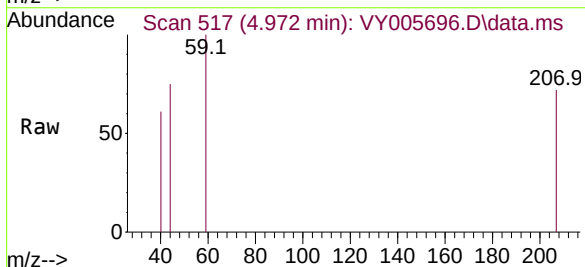
Instrument :
MSVOA_Y
ClientSampled :
21N

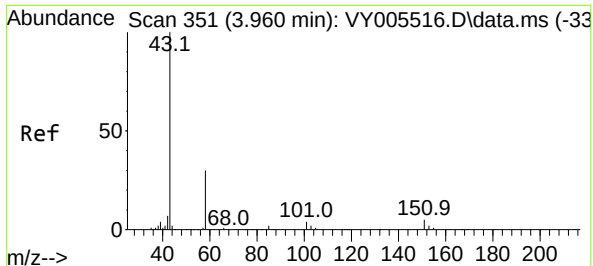
Tgt Ion:168 Resp: 186325
Ion Ratio Lower Upper
168 100
99 49.4 38.9 58.3



#11
Tert butyl alcohol
Concen: 3.406 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY005696.D
Acq: 17 Aug 2021 02:44

Tgt Ion: 59 Resp: 635
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

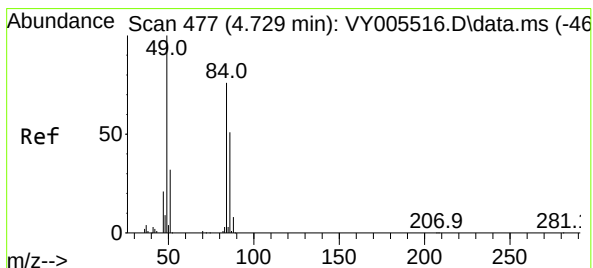
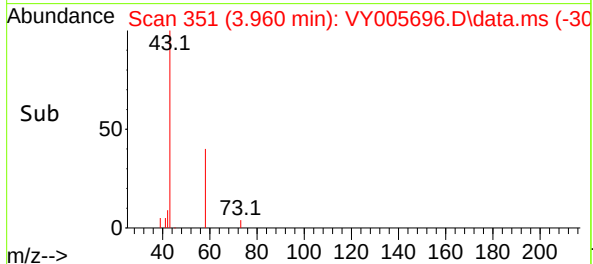
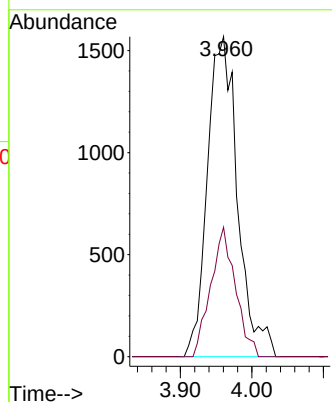
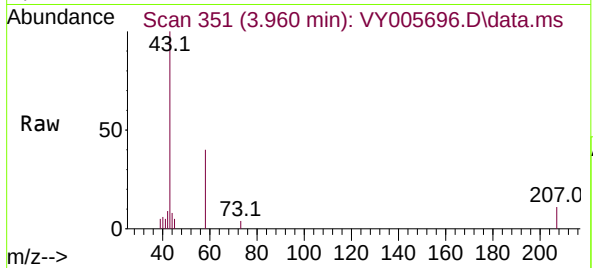




#16
Acetone
Concen: 9.663 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005696.D
Acq: 17 Aug 2021 02:44

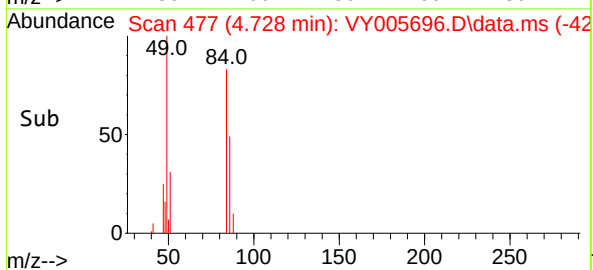
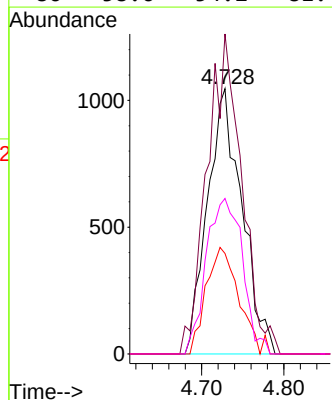
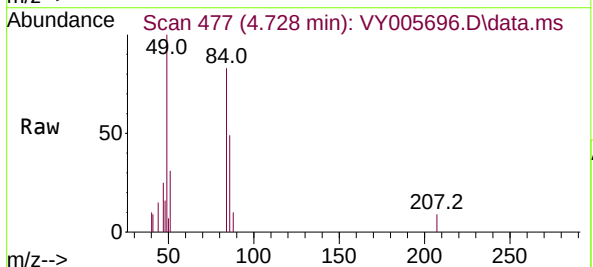
Instrument :
MSVOA_Y
ClientSampled :
21N

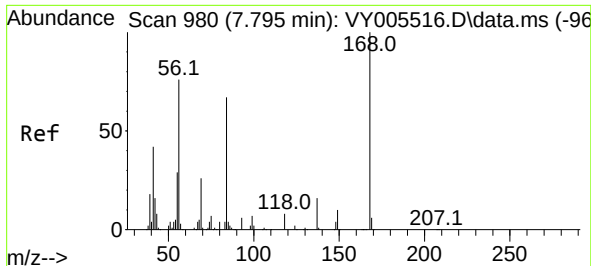
Tgt Ion: 43 Resp: 4595
Ion Ratio Lower Upper
43 100
58 40.4 23.8 35.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005696.D
Acq: 17 Aug 2021 02:44

Tgt Ion: 84 Resp: 3045
Ion Ratio Lower Upper
84 100
49 120.7 105.8 158.6
51 37.9 33.4 50.2
86 58.6 54.2 81.4

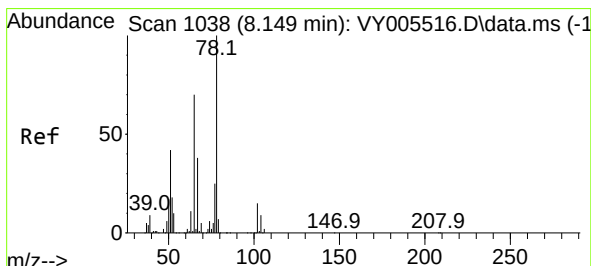
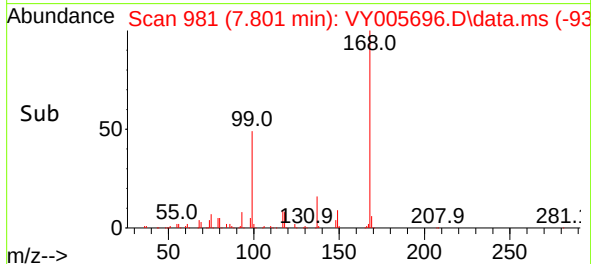
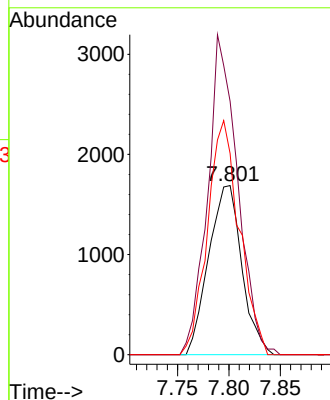
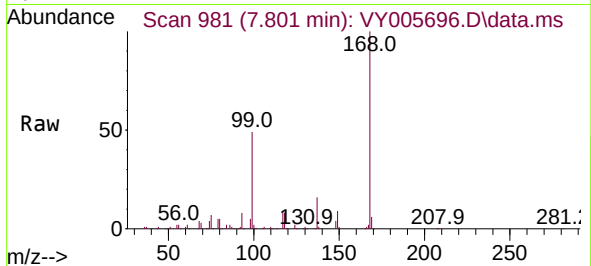




#31
Cyclohexane
Concen: 1.170 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005696.D
Acq: 17 Aug 2021 02:44

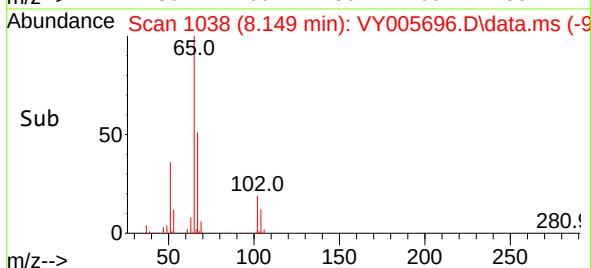
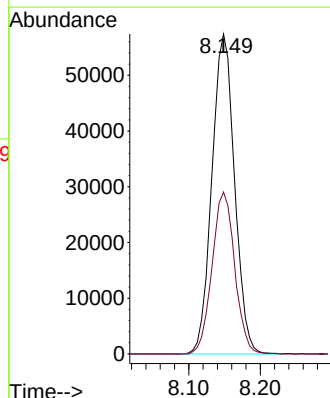
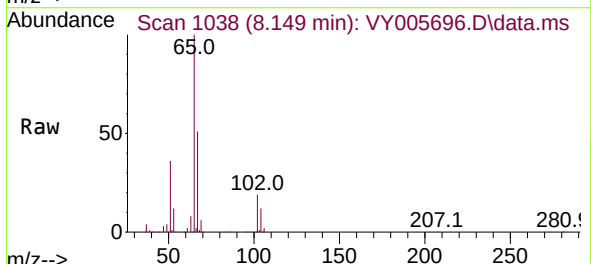
Instrument :
MSVOA_Y
ClientSampleId :
21N

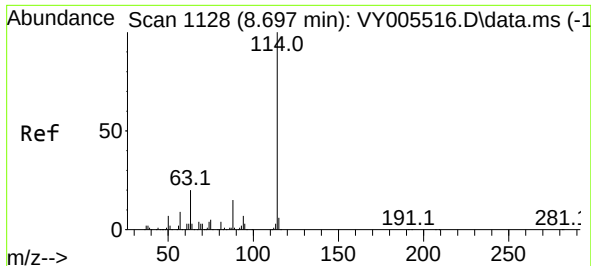
Tgt Ion: 56 Resp: 3786
Ion Ratio Lower Upper
56 100
69 149.8 27.7 41.5#
84 118.9 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 66.893 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005696.D
Acq: 17 Aug 2021 02:44

Tgt Ion: 65 Resp: 126166
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.4

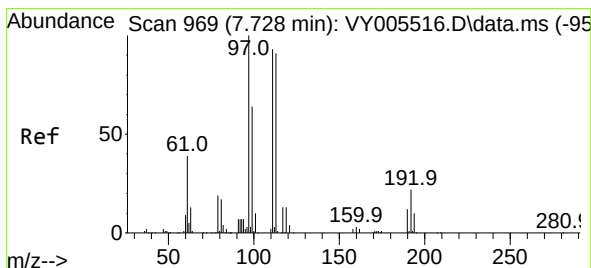
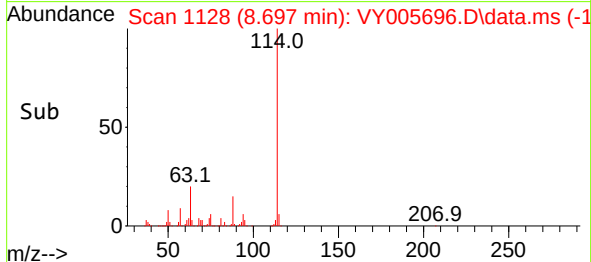
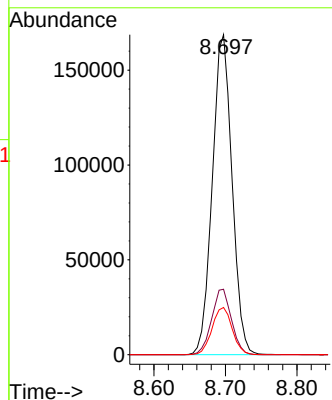
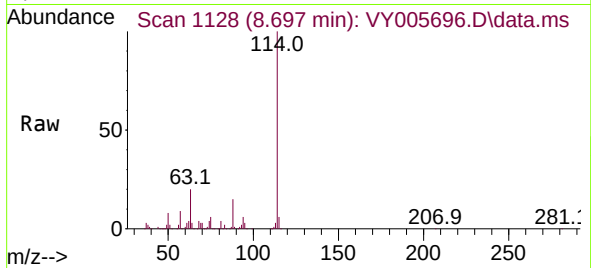




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005696.D
Acq: 17 Aug 2021 02:44

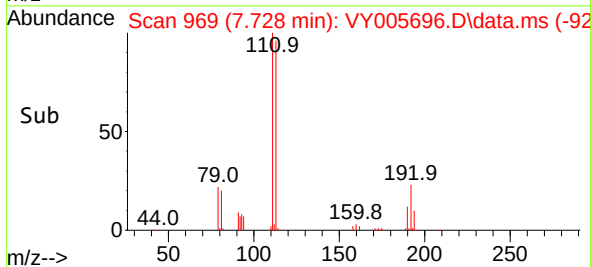
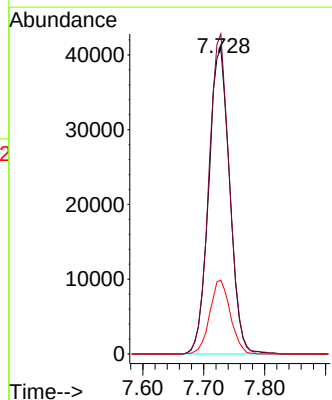
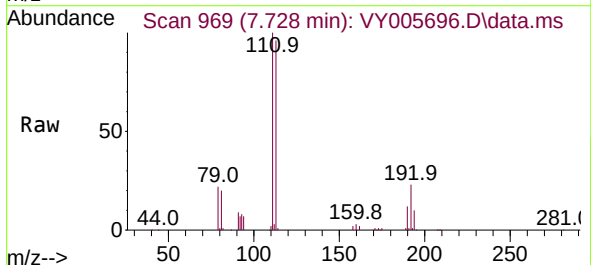
Instrument :
MSVOA_Y
ClientSampled :
21N

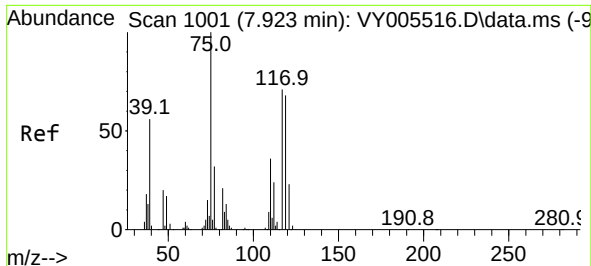
Tgt Ion:114 Resp: 322990
Ion Ratio Lower Upper
114 100
63 20.5 0.0 39.2
88 14.8 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.936 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005696.D
Acq: 17 Aug 2021 02:44

Tgt Ion:113 Resp: 97535
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 23.8 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.369 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005696.D

Acq: 17 Aug 2021 02:44

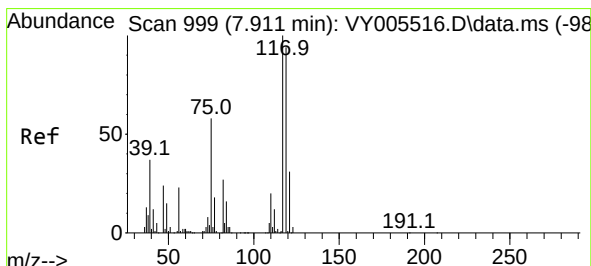
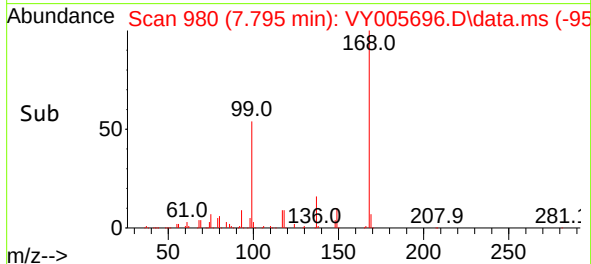
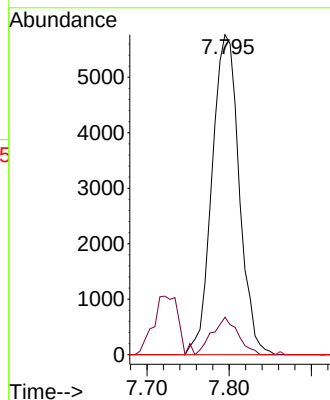
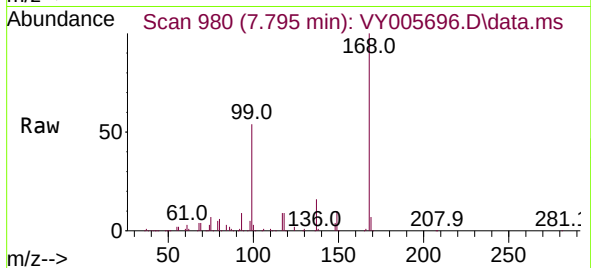
Instrument :

MSVOA_Y

ClientSampleId :

21N

Tgt Ion:	75	Resp:	13237
Ion Ratio	Lower	Upper	
75	100		
110	11.1	18.1	54.1#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.113 ug/l

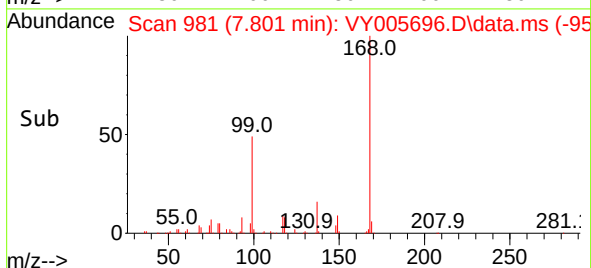
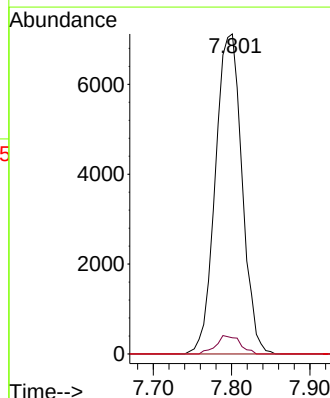
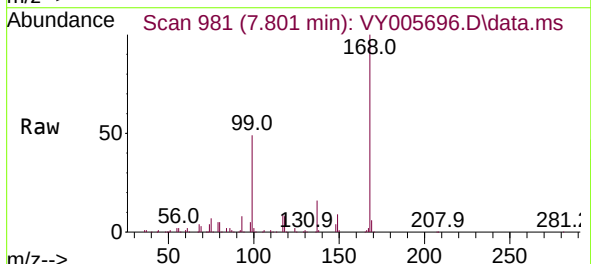
RT: 7.801 min Scan# 981

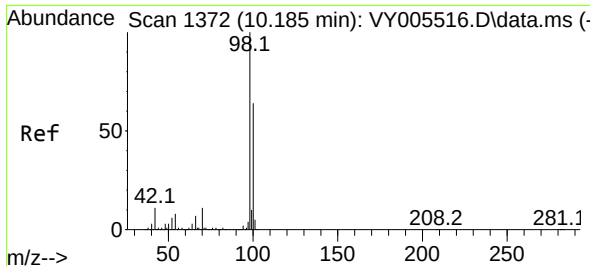
Delta R.T. -0.110 min

Lab File: VY005696.D

Acq: 17 Aug 2021 02:44

Tgt Ion:	117	Resp:	16836
Ion Ratio	Lower	Upper	
117	100		
119	5.0	75.4	113.0#
121	0.0	25.1	37.7#

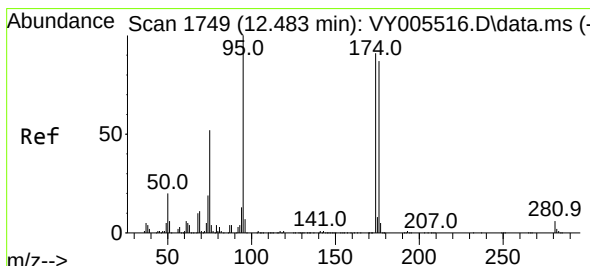
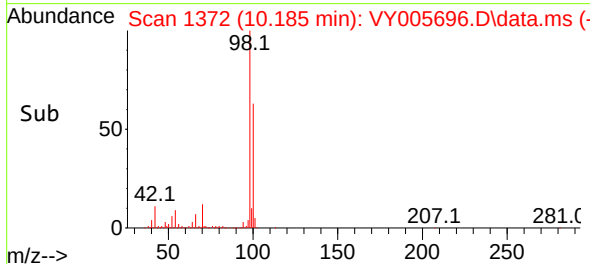
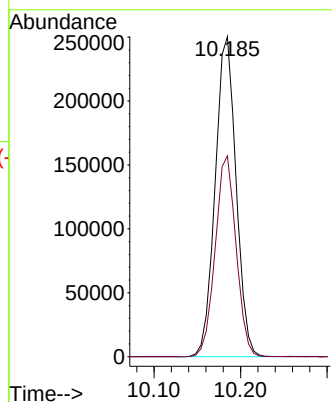
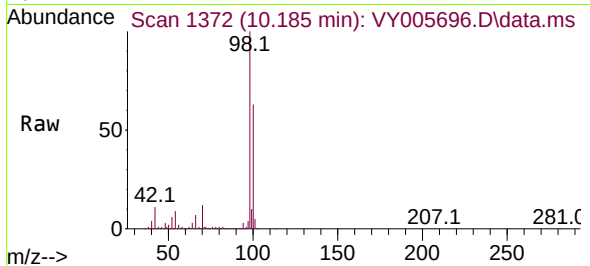




#50
Toluene-d8
Concen: 55.296 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005696.D
Acq: 17 Aug 2021 02:44

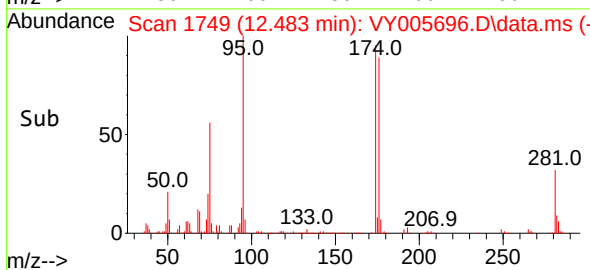
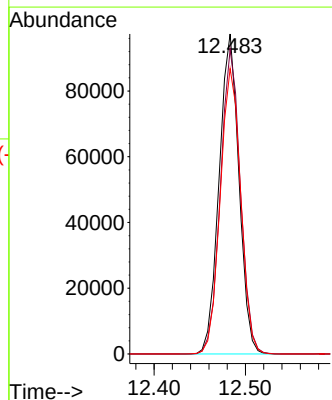
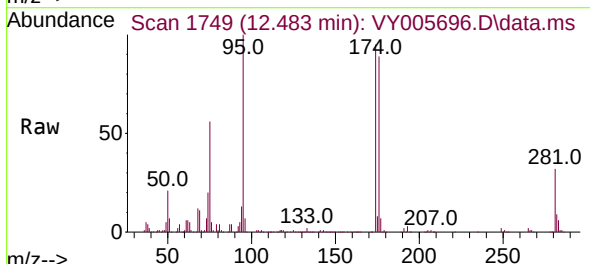
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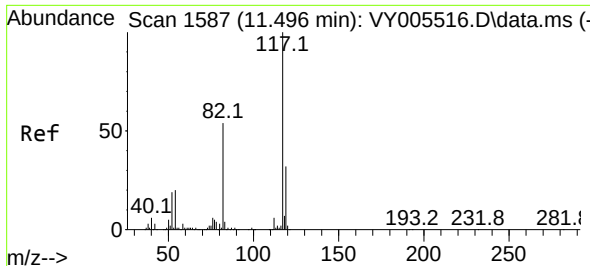
Tgt Ion: 98 Resp: 419369
Ion Ratio Lower Upper
98 100
100 62.7 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 58.362 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005696.D
Acq: 17 Aug 2021 02:44

Tgt Ion: 95 Resp: 146573
Ion Ratio Lower Upper
95 100
174 95.8 0.0 191.4
176 92.0 0.0 183.6

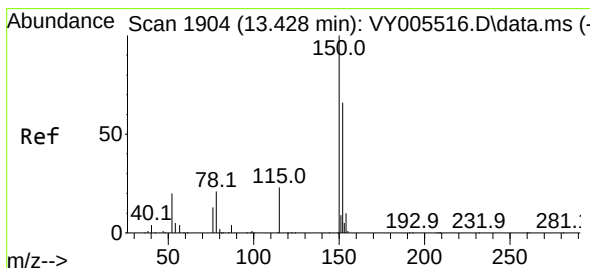
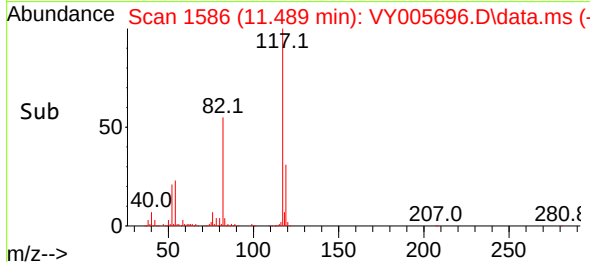
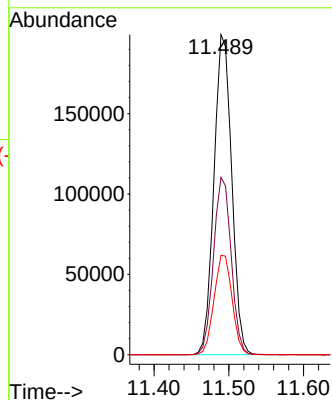
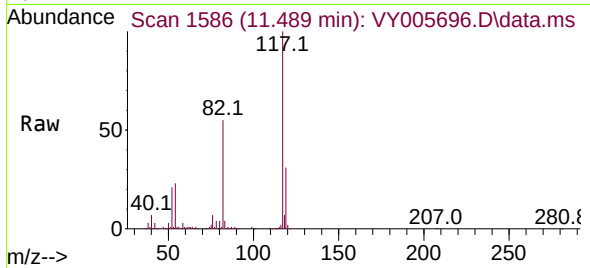




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005696.D
Acq: 17 Aug 2021 02:44

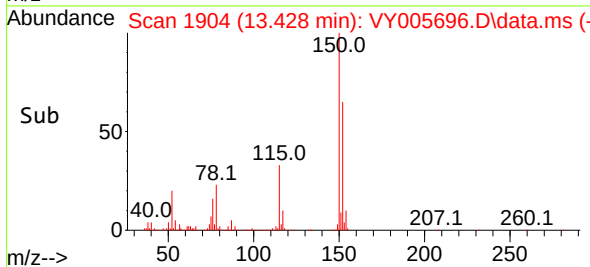
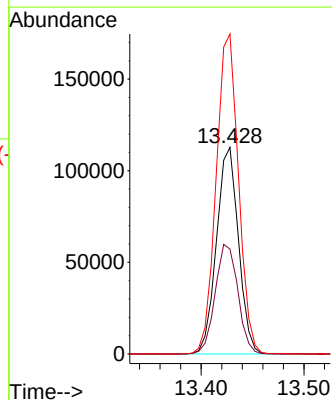
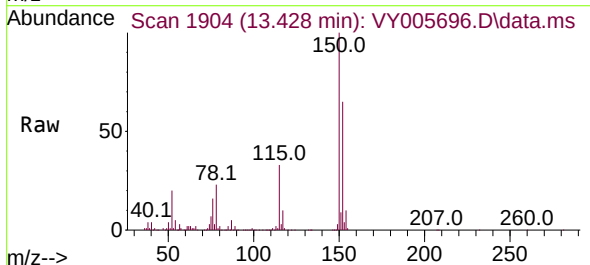
Instrument :
MSVOA_Y
ClientSampled :
21N

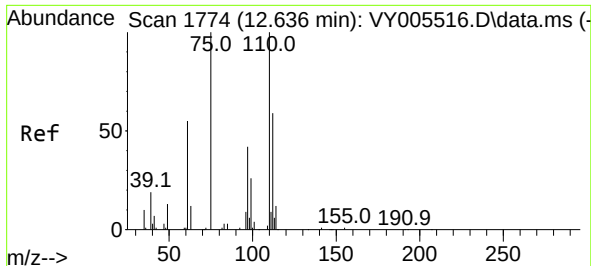
Tgt Ion:117 Resp: 329637
Ion Ratio Lower Upper
117 100
82 55.4 43.5 65.3
119 31.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005696.D
Acq: 17 Aug 2021 02:44

Tgt Ion:152 Resp: 167394
Ion Ratio Lower Upper
152 100
115 54.8 27.3 81.9
150 157.3 0.0 350.2

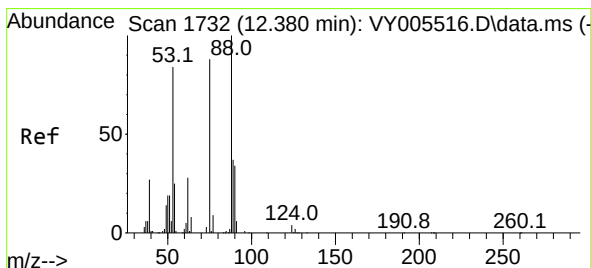
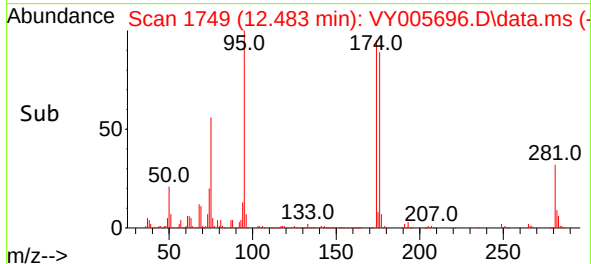
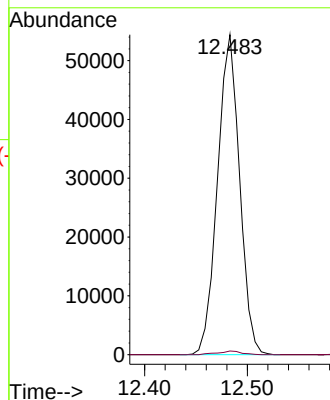
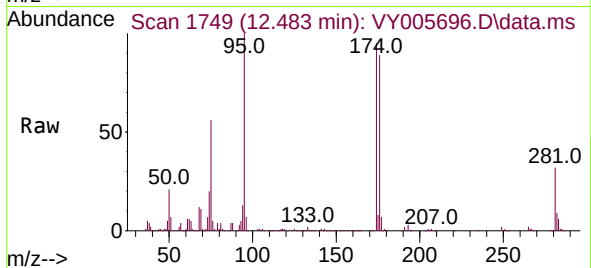




#76
1,2,3-Trichloropropane
Concen: 46.767 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005696.D
Acq: 17 Aug 2021 02:44

Instrument :
MSVOA_Y
ClientSampled :
21N

Tgt Ion: 75 Resp: 81126
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.276 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005696.D
Acq: 17 Aug 2021 02:44

Tgt Ion: 75 Resp: 81126
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.2 38.4 57.6#

