

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005693.D
 Acq On : 17 Aug 2021 01:34
 Operator : SY/MD
 Sample : M3424-10
 Misc : 8.4G/5ML/MSVOA_Y/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 19S

Quant Time: Aug 17 05:23:42 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)

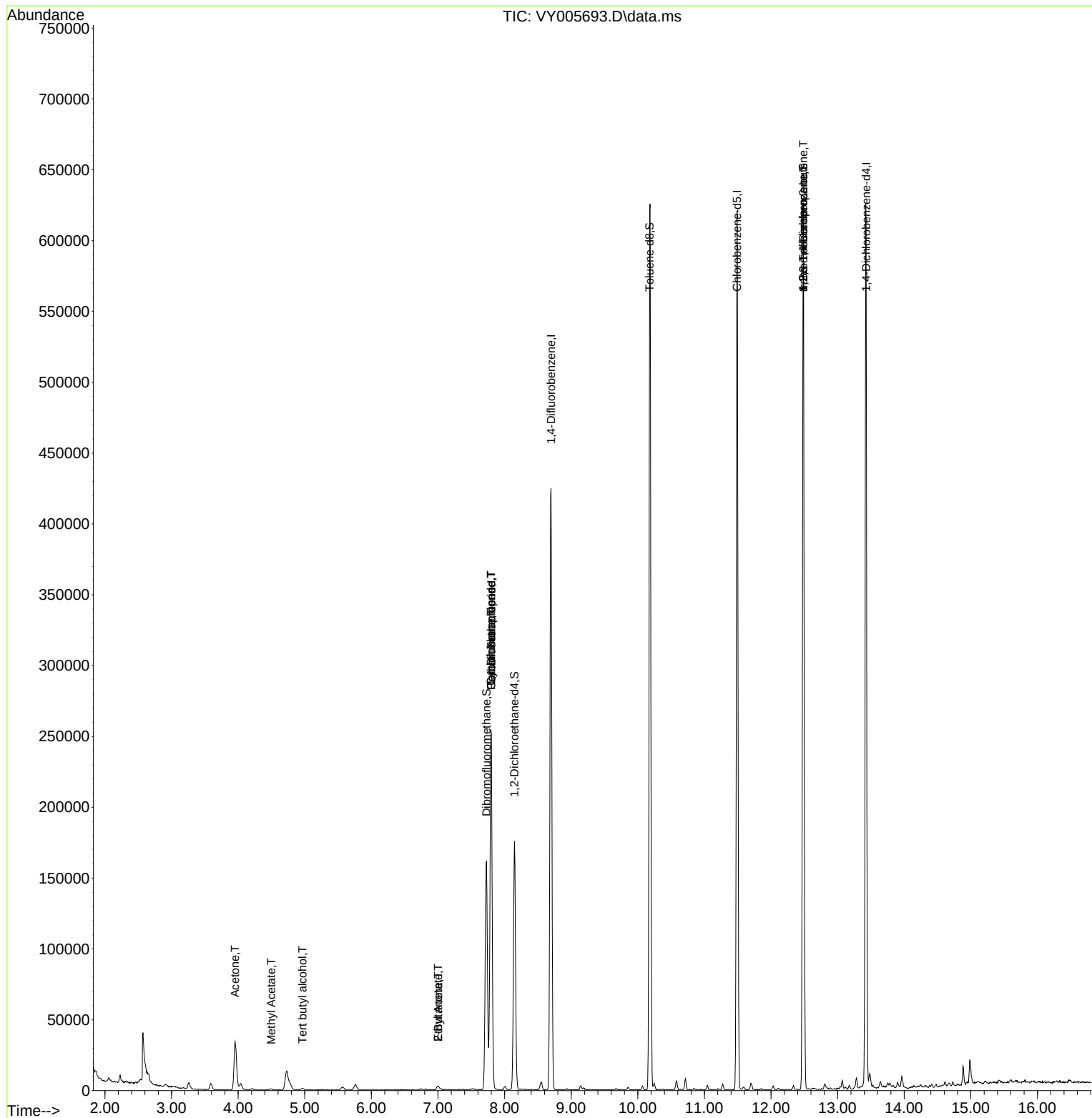
Internal Standards						
1) Pentafluorobenzene	7.801	168	208563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	364410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	326429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	161535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	140477	66.540	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.080%	
35) Dibromofluoromethane	7.728	113	109953	53.892	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.780%	
50) Toluene-d8	10.178	98	413941	48.377	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.760%	
62) 4-Bromofluorobenzene	12.483	95	142626	50.335	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	2192	10.503	ug/l #	92
16) Acetone	3.954	43	59296	111.400	ug/l	95
18) Methyl Acetate	4.497	43	1993	1.432	ug/l #	90
20) Methylene Chloride	4.728	84	9655	Below Cal		93
25) 2-Butanone	7.002	43	3559	4.523	ug/l #	86
31) Cyclohexane	7.795	56	4305	1.189	ug/l #	35
36) 1,1-Dichloropropene	7.795	75	14800	4.330	ug/l #	50
37) Ethyl Acetate	7.002	43	3559	1.719	ug/l #	69
38) Carbon Tetrachloride	7.801	117	18996	5.114	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	80676	48.194	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	80676	97.154	ug/l #	11

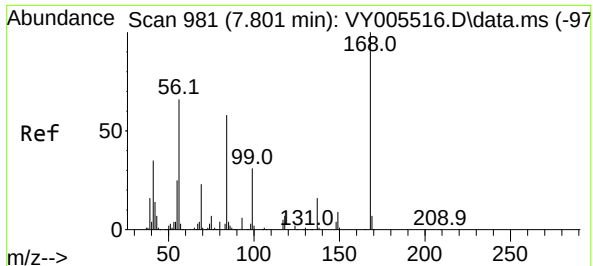
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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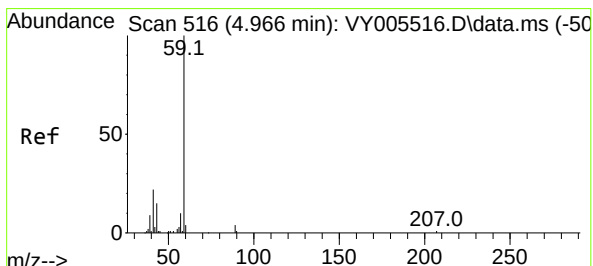
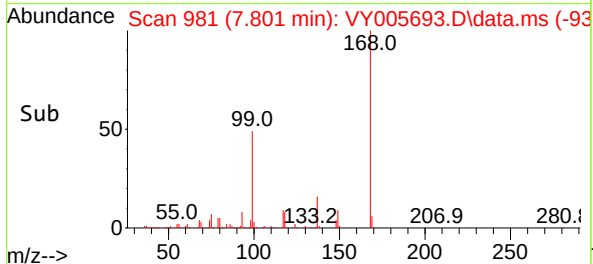
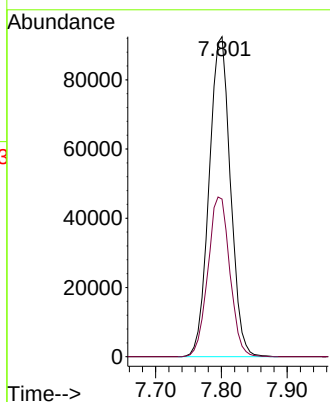
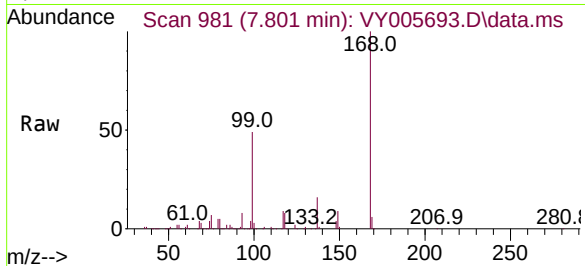




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005693.D
Acq: 17 Aug 2021 01:34

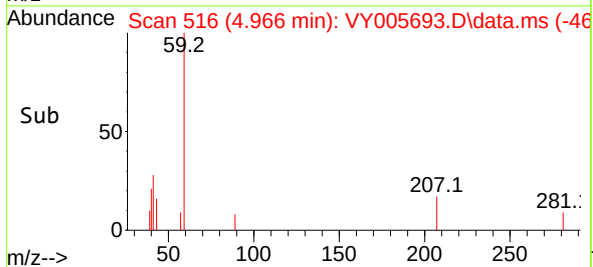
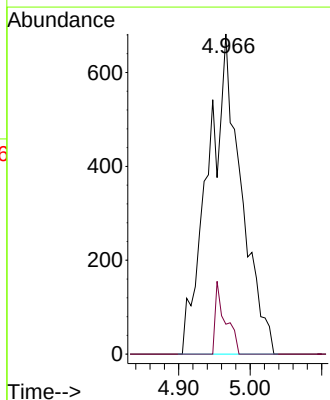
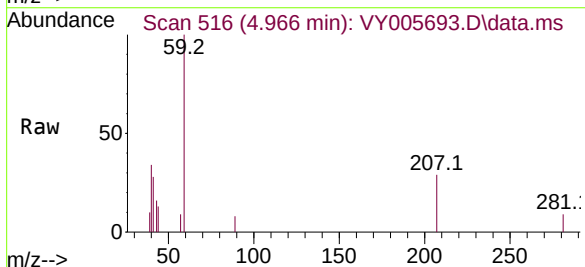
Instrument :
MSVOA_Y
ClientSampleId :
19S

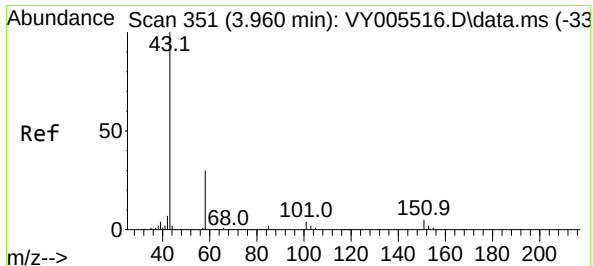
Tgt Ion:168 Resp: 208563
Ion Ratio Lower Upper
168 100
99 49.3 38.9 58.3



#11
Tert butyl alcohol
Concen: 10.503 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.000 min
Lab File: VY005693.D
Acq: 17 Aug 2021 01:34

Tgt Ion: 59 Resp: 2192
Ion Ratio Lower Upper
59 100
57 7.0 8.0 12.0#

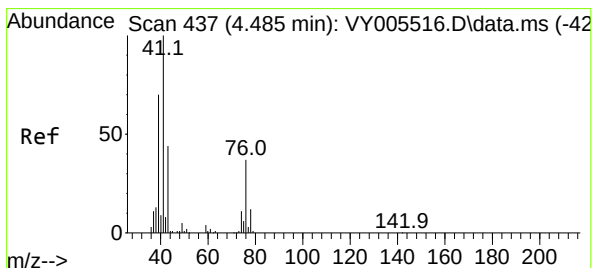
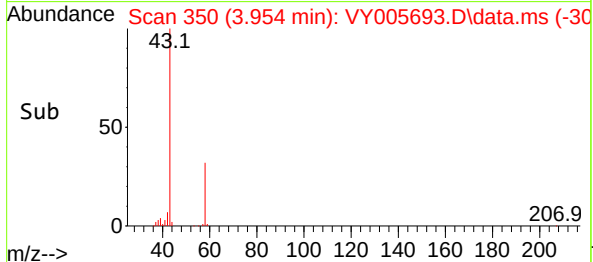
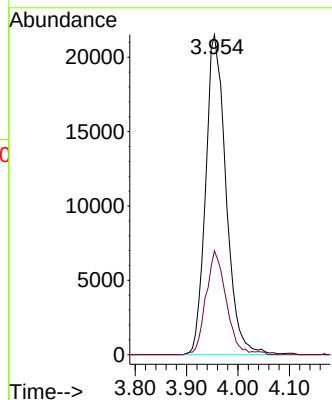
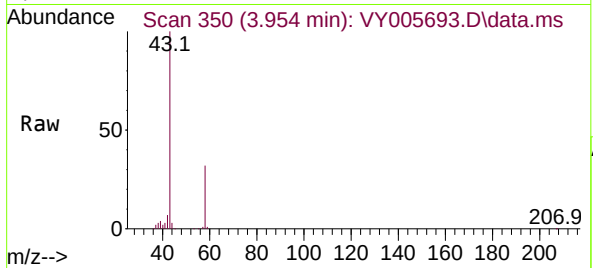




#16
Acetone
Concen: 111.400 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005693.D
Acq: 17 Aug 2021 01:34

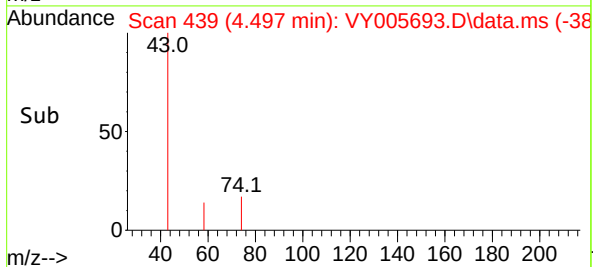
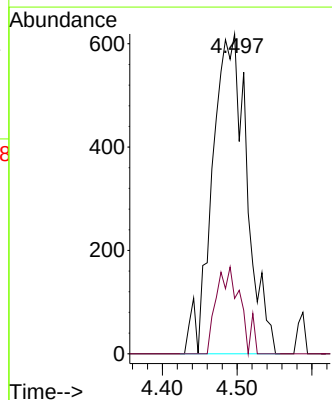
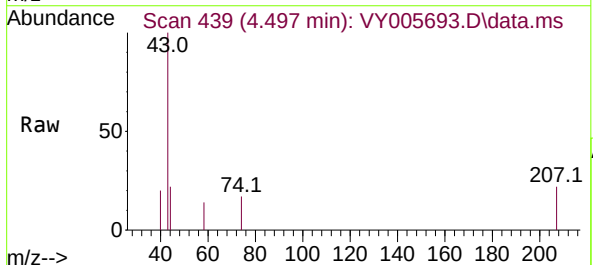
Instrument :
MSVOA_Y
ClientSampled :
19S

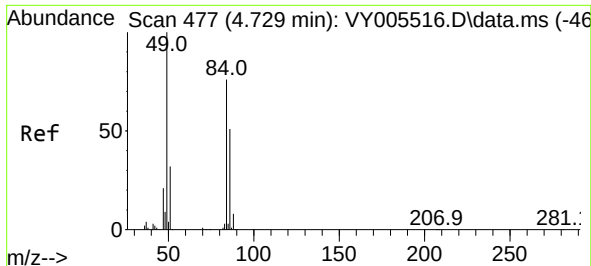
Tgt Ion: 43 Resp: 59296
Ion Ratio Lower Upper
43 100
58 32.5 23.8 35.6



#18
Methyl Acetate
Concen: 1.432 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY005693.D
Acq: 17 Aug 2021 01:34

Tgt Ion: 43 Resp: 1993
Ion Ratio Lower Upper
43 100
74 18.8 19.0 28.6#

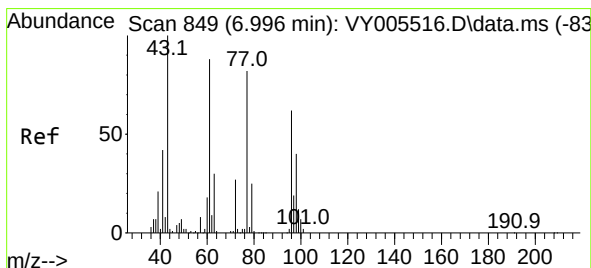
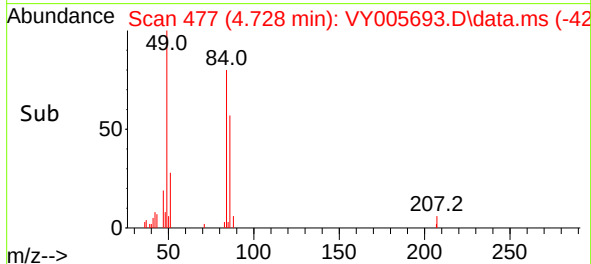
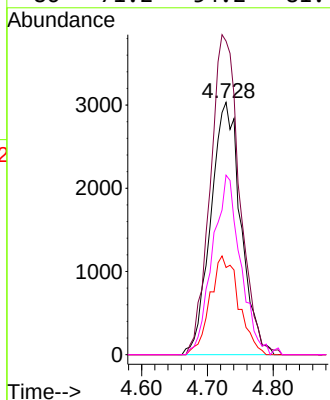
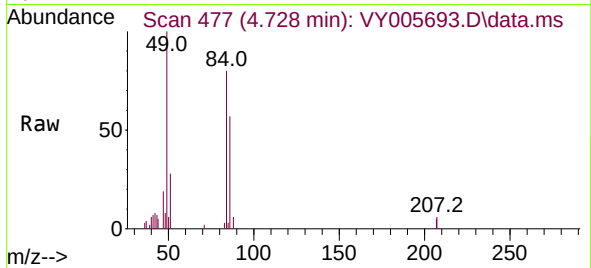




#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005693.D
Acq: 17 Aug 2021 01:34

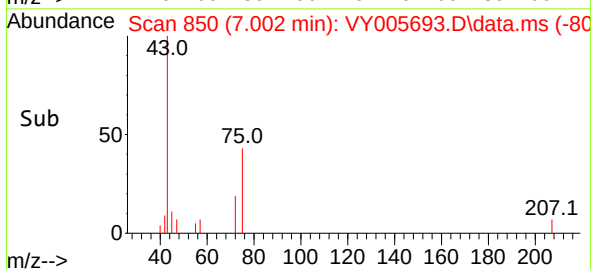
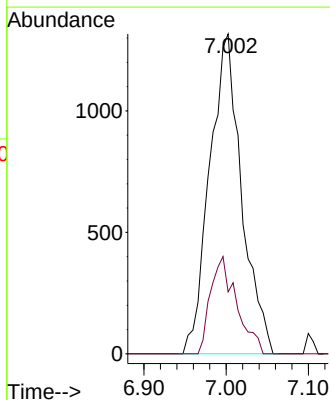
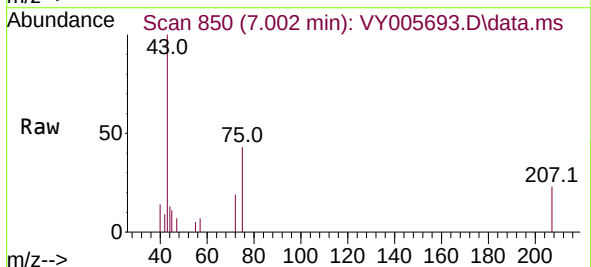
Instrument :
MSVOA_Y
ClientSampleId :
19S

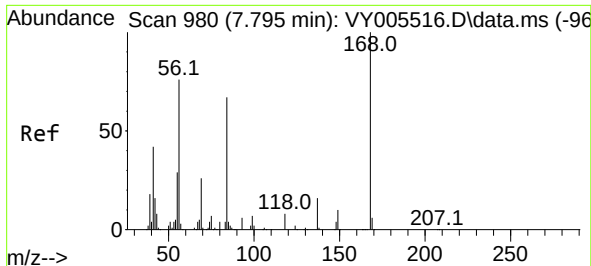
Tgt Ion:	84	Resp:	9655
Ion	Ratio	Lower	Upper
84	100		
49	124.3	105.8	158.6
51	34.6	33.4	50.2
86	71.2	54.2	81.4



#25
2-Butanone
Concen: 4.523 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY005693.D
Acq: 17 Aug 2021 01:34

Tgt Ion:	43	Resp:	3559
Ion	Ratio	Lower	Upper
43	100		
72	19.4	21.4	32.2#

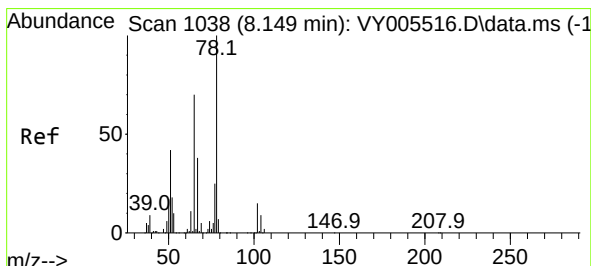
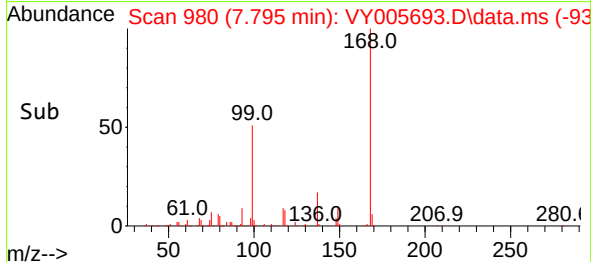
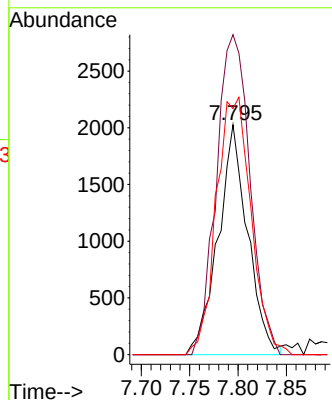
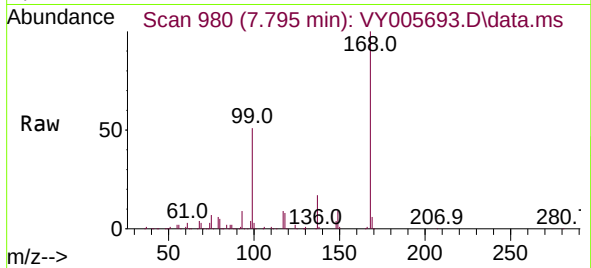




#31
Cyclohexane
Concen: 1.189 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005693.D
Acq: 17 Aug 2021 01:34

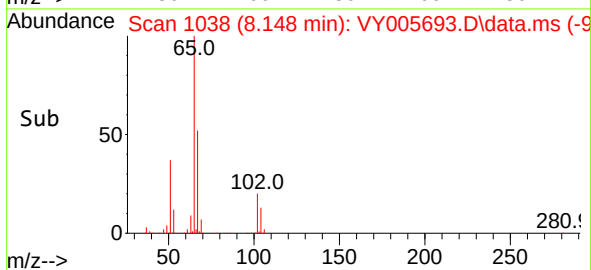
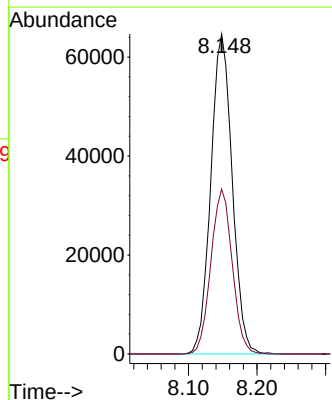
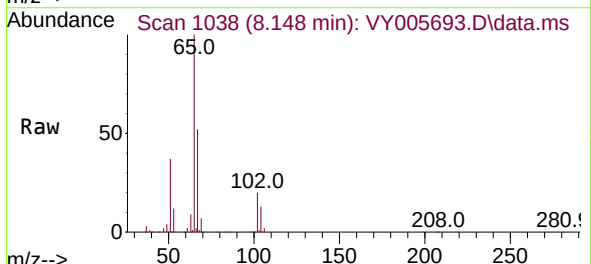
Instrument :
MSVOA_Y
ClientSampled :
19S

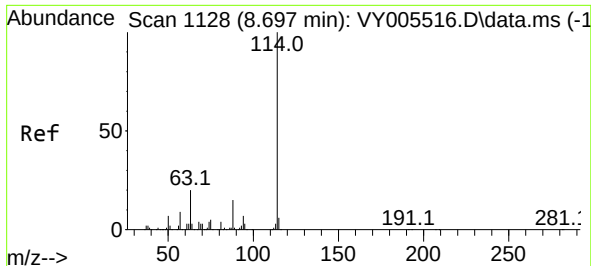
Tgt Ion: 56 Resp: 4305
Ion Ratio Lower Upper
56 100
69 139.2 27.7 41.5#
84 107.1 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 66.540 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005693.D
Acq: 17 Aug 2021 01:34

Tgt Ion: 65 Resp: 140477
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.4

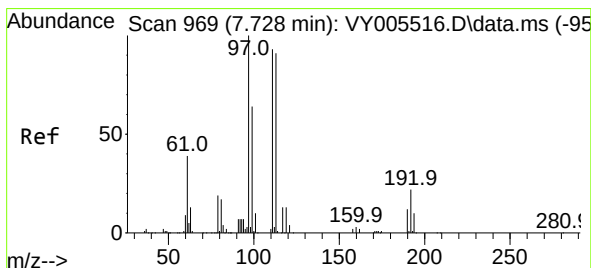
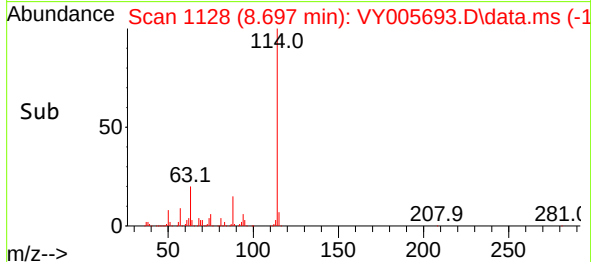
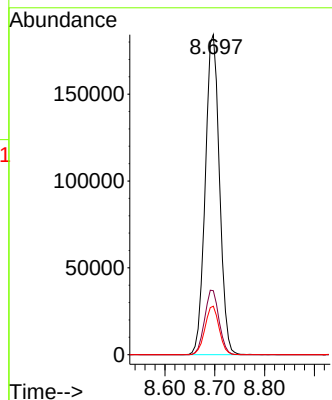
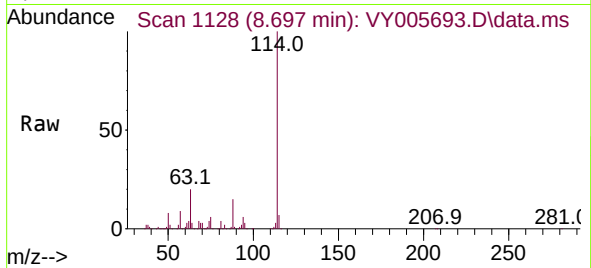




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005693.D
Acq: 17 Aug 2021 01:34

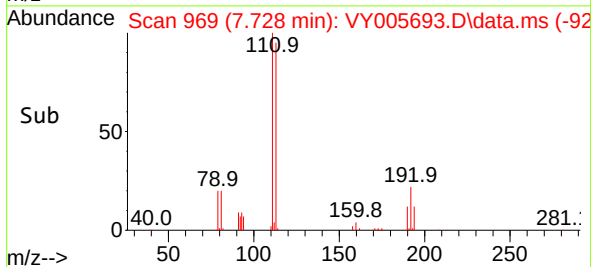
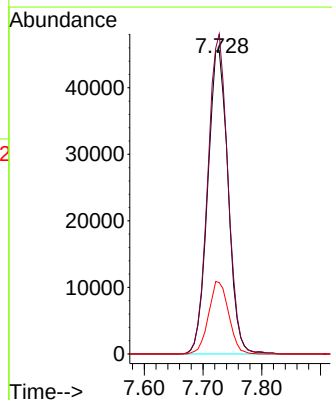
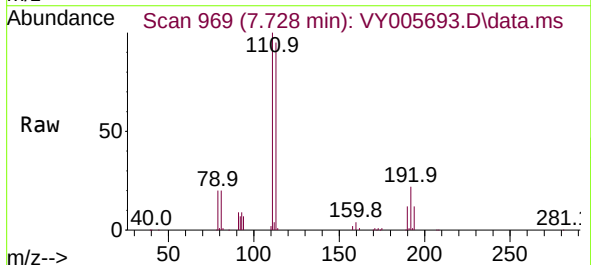
Instrument :
MSVOA_Y
ClientSampled :
19S

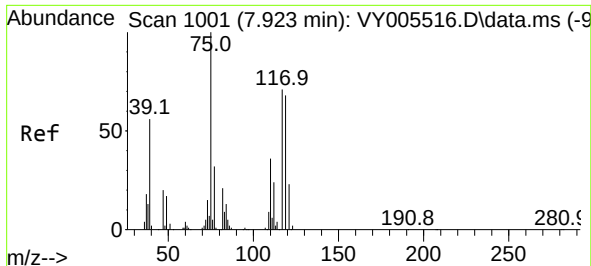
Tgt Ion:114 Resp: 364410
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.2
88 15.1 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.892 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005693.D
Acq: 17 Aug 2021 01:34

Tgt Ion:113 Resp: 109953
Ion Ratio Lower Upper
113 100
111 104.4 81.9 122.9
192 23.5 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.330 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005693.D

Acq: 17 Aug 2021 01:34

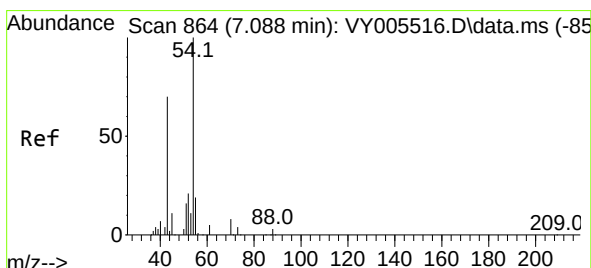
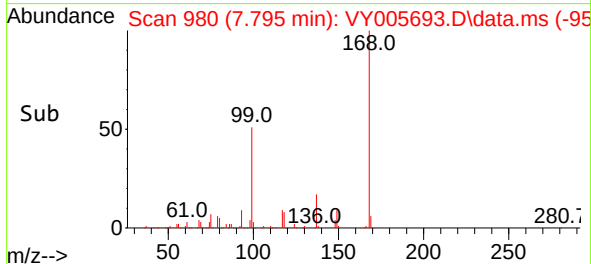
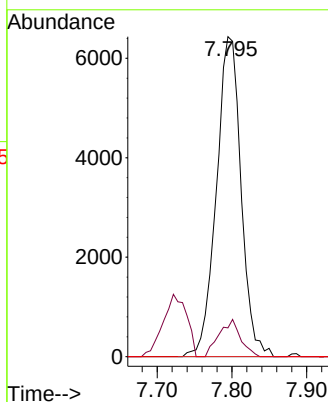
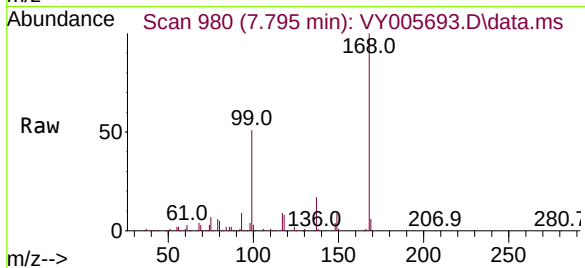
Instrument :

MSVOA_Y

ClientSampleId :

19S

Tgt Ion:	75	Resp:	14800
Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.1	54.1#
77	0.0	25.1	37.7#



#37

Ethyl Acetate

Concen: 1.719 ug/l

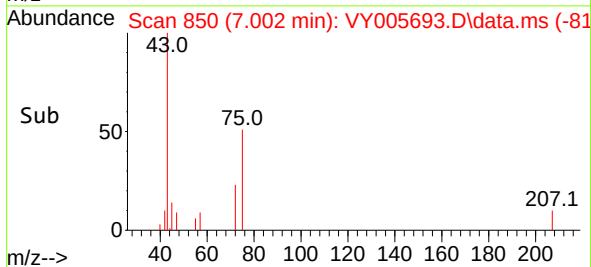
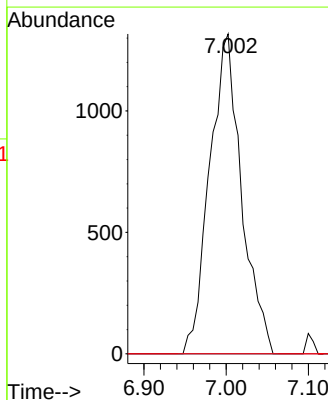
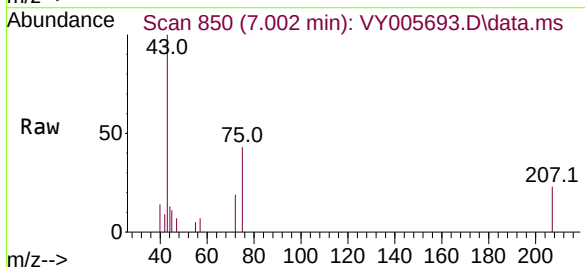
RT: 7.002 min Scan# 850

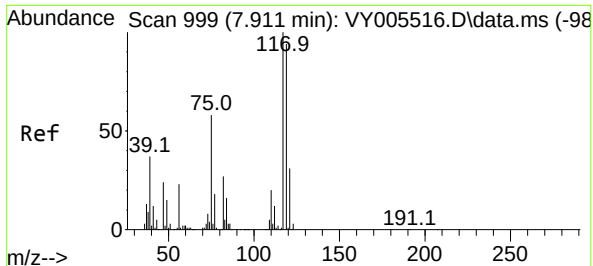
Delta R.T. -0.086 min

Lab File: VY005693.D

Acq: 17 Aug 2021 01:34

Tgt Ion:	43	Resp:	3559
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	15.8#
70	0.0	8.6	13.0#

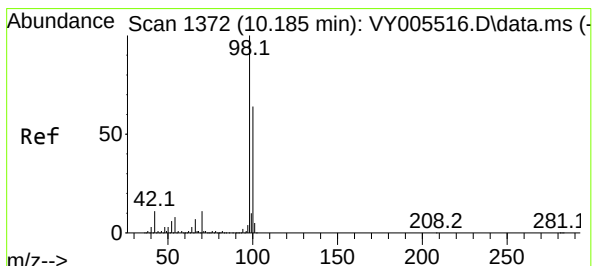
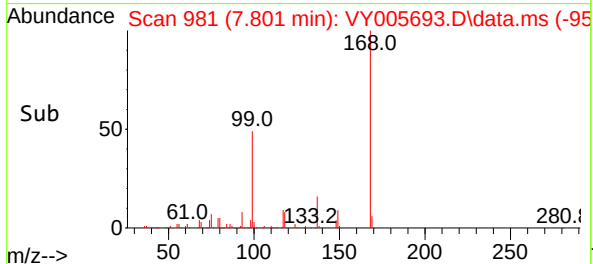
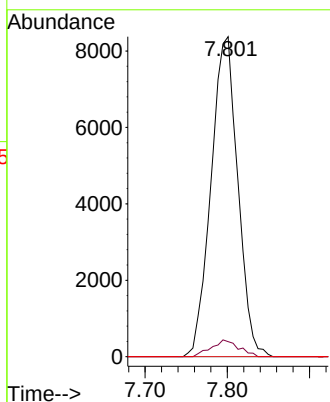
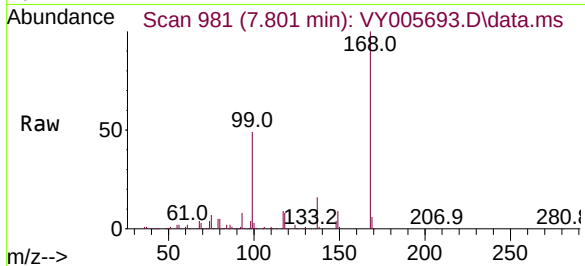




#38
Carbon Tetrachloride
Concen: 5.114 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005693.D
Acq: 17 Aug 2021 01:34

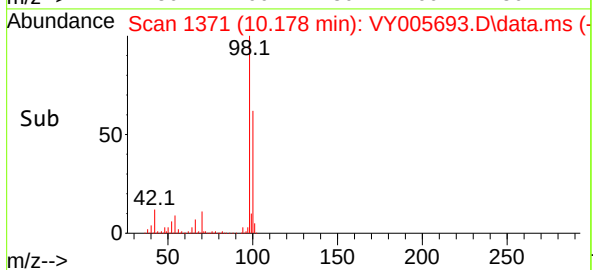
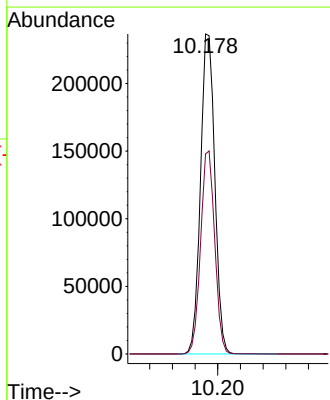
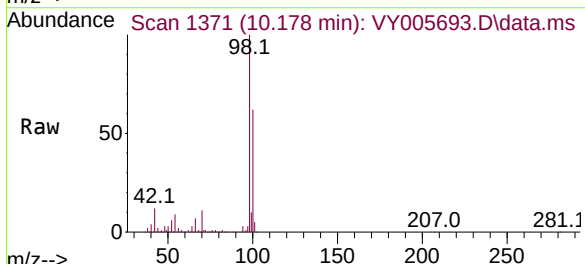
Instrument :
MSVOA_Y
ClientSampled :
19S

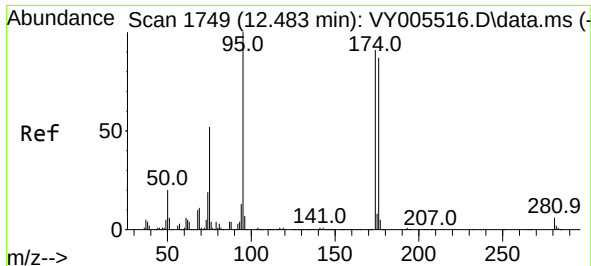
Tgt Ion:117 Resp: 18996
Ion Ratio Lower Upper
117 100
119 4.7 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 48.377 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY005693.D
Acq: 17 Aug 2021 01:34

Tgt Ion: 98 Resp: 413941
Ion Ratio Lower Upper
98 100
100 62.7 51.3 76.9

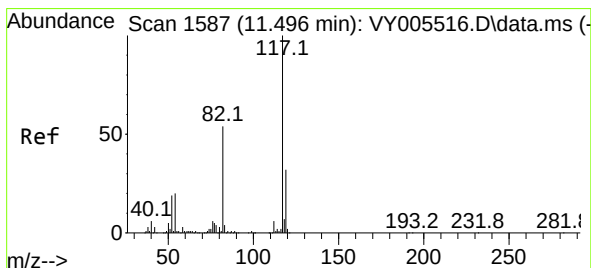
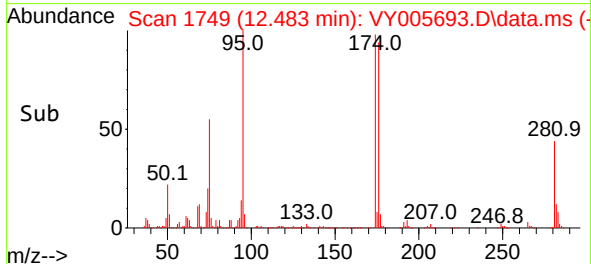
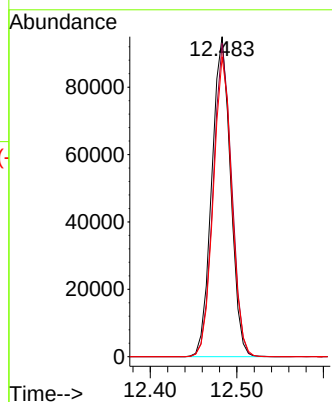
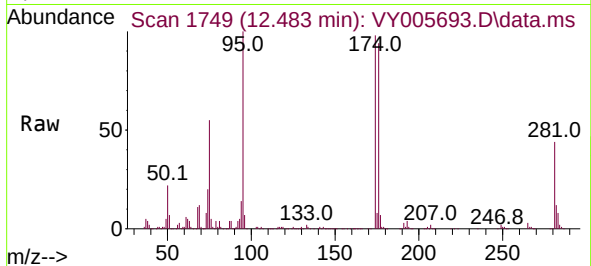




#62
4-Bromofluorobenzene
Concen: 50.335 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005693.D
Acq: 17 Aug 2021 01:34

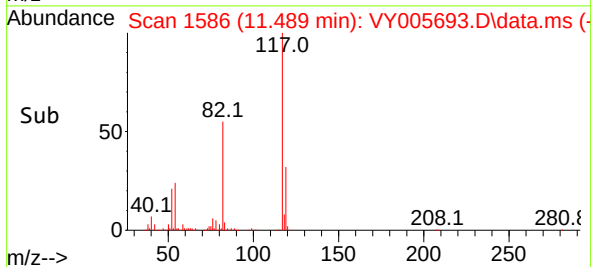
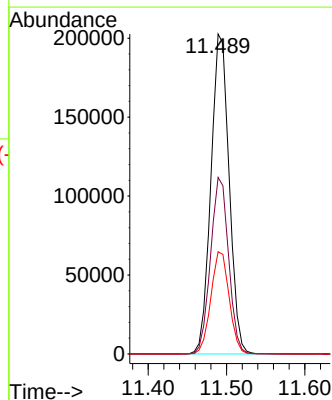
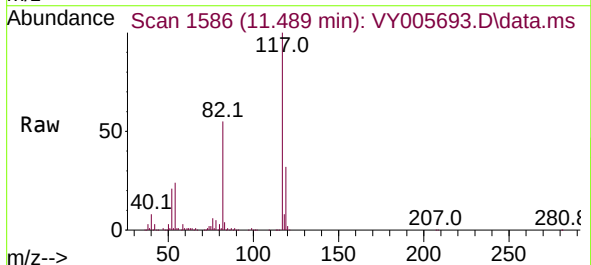
Instrument :
MSVOA_Y
ClientSampleId :
19S

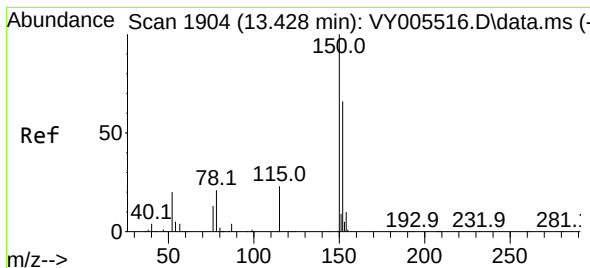
Tgt Ion:	95	Resp:	142626
Ion Ratio	Lower	Upper	
95	100		
174	96.6	0.0	191.4
176	92.4	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005693.D
Acq: 17 Aug 2021 01:34

Tgt Ion:	117	Resp:	326429
Ion Ratio	Lower	Upper	
117	100		
82	55.2	43.5	65.3
119	31.9	25.5	38.3

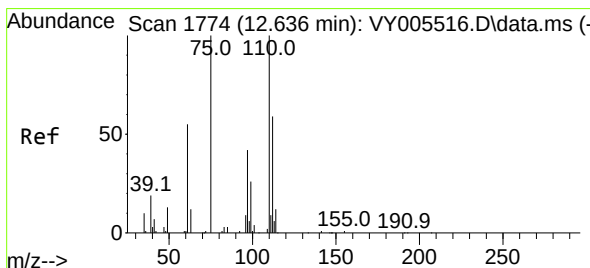
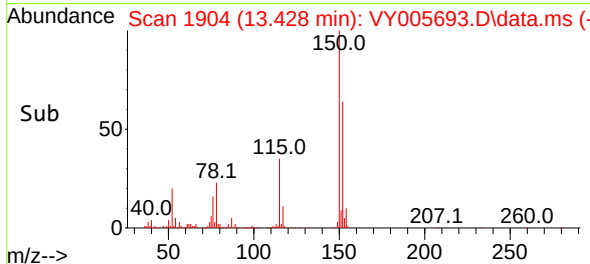
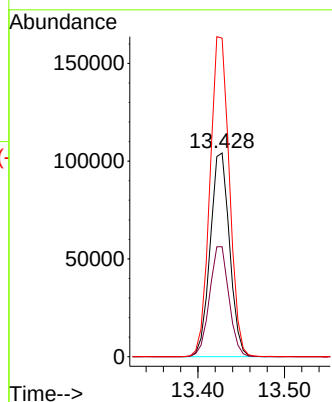
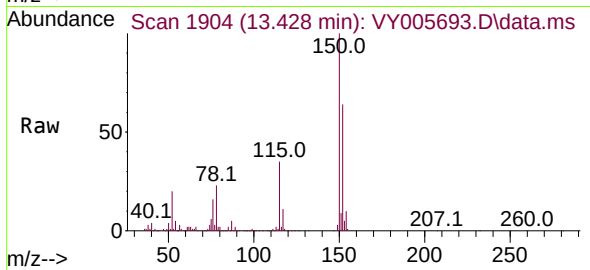




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005693.D
 Acq: 17 Aug 2021 01:34

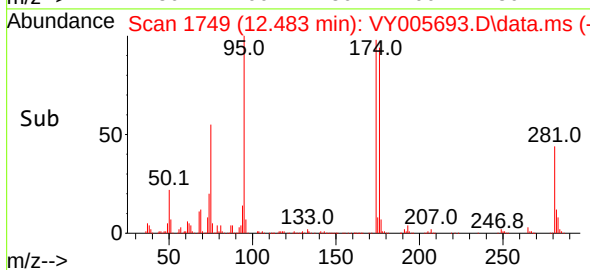
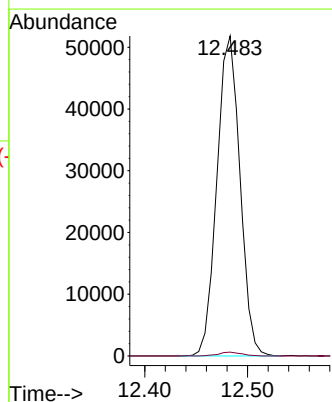
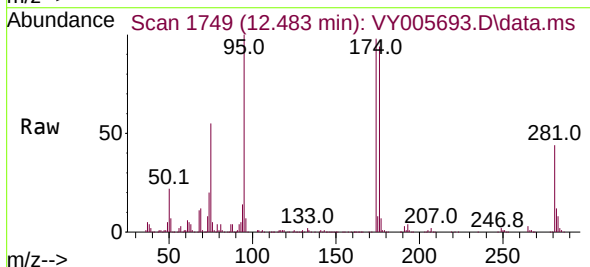
Instrument :
 MSVOA_Y
 ClientSampled :
 19S

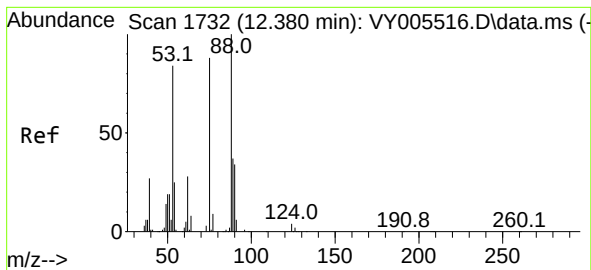
Tgt Ion:152 Resp: 161535
 Ion Ratio Lower Upper
 152 100
 115 54.1 27.3 81.9
 150 157.7 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 48.194 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005693.D
 Acq: 17 Aug 2021 01:34

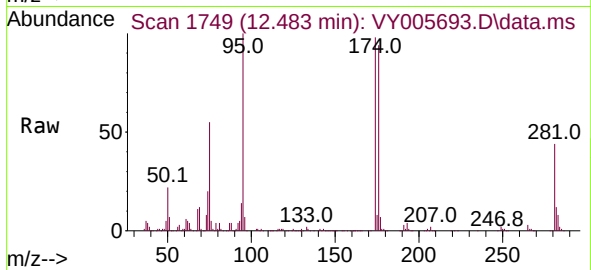
Tgt Ion: 75 Resp: 80676
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.154 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005693.D
 Acq: 17 Aug 2021 01:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 19S



Tgt Ion: 75 Resp: 80676
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.4 38.4 57.6#

