

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083121\
 Data File : VY005916.D
 Acq On : 31 Aug 2021 16:43
 Operator : SY/MD
 Sample : M3597-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 01 05:37:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

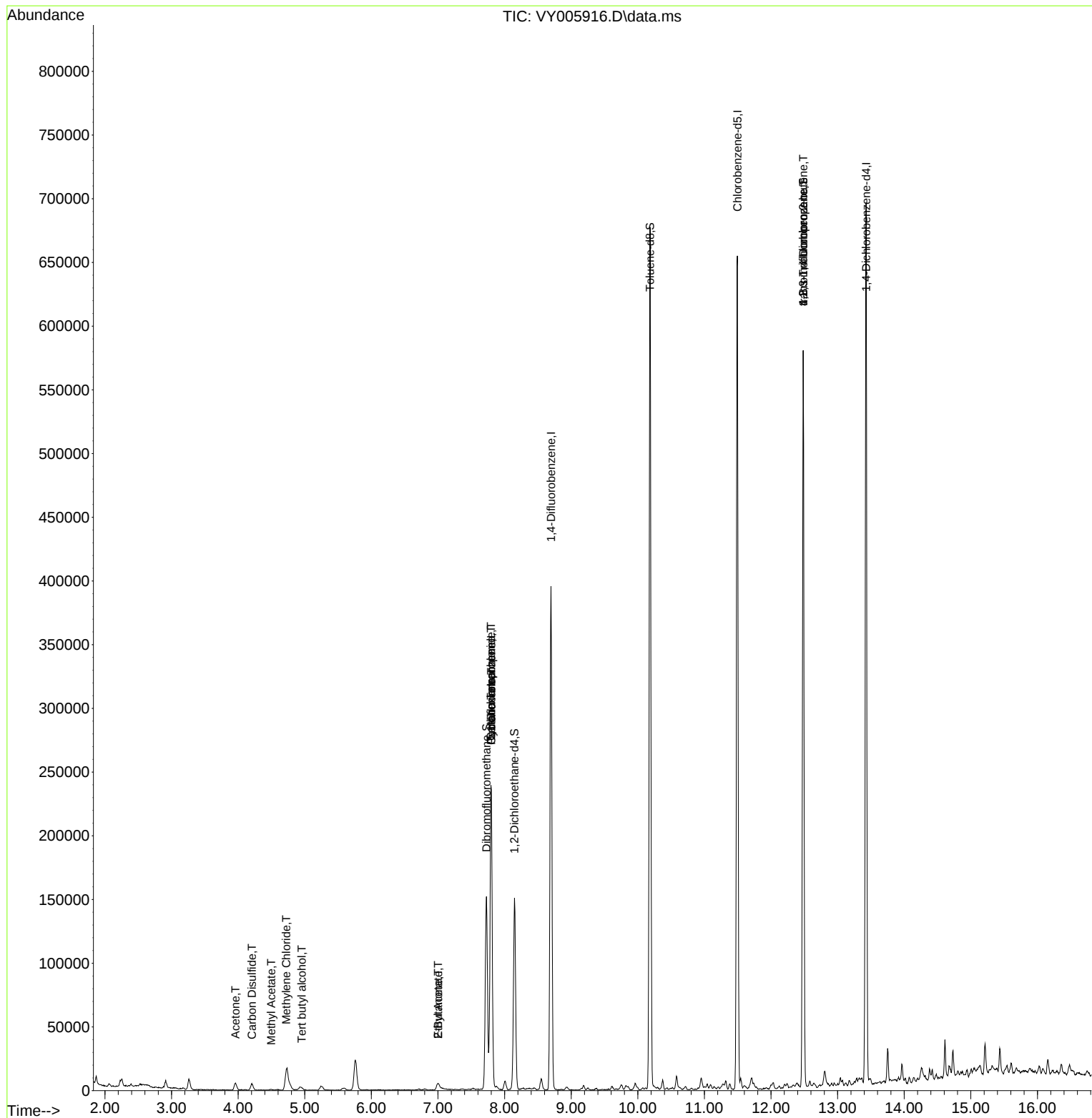
Internal Standards						
1) Pentafluorobenzene	7.801	168	197345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	339445	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	355049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	182759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	121855	61.274	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.540%	
35) Dibromofluoromethane	7.728	113	101108	53.039	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.080%	
50) Toluene-d8	10.184	98	440296	55.034	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.060%	
62) 4-Bromofluorobenzene	12.483	95	156011	58.074	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	1736	4.439	ug/l #	80
13) Acrolein	3.741	56	20	Below Cal	#	14
16) Acetone	3.960	43	9786	19.299	ug/l	97
17) Carbon Disulfide	4.204	76	8929	1.650	ug/l	98
18) Methyl Acetate	4.496	43	1464	1.040	ug/l #	84
20) Methylene Chloride	4.722	84	12436	1.489	ug/l	98
25) 2-Butanone	7.002	43	2152	3.004	ug/l #	86
31) Cyclohexane	7.801	56	4964	1.480	ug/l #	29
36) 1,1-Dichloropropene	7.795	75	13800	4.318	ug/l #	50
37) Ethyl Acetate	7.002	43	2152	1.124	ug/l #	85
38) Carbon Tetrachloride	7.795	117	17708	5.112	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	85034	49.711	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	85034	94.540	ug/l #	14

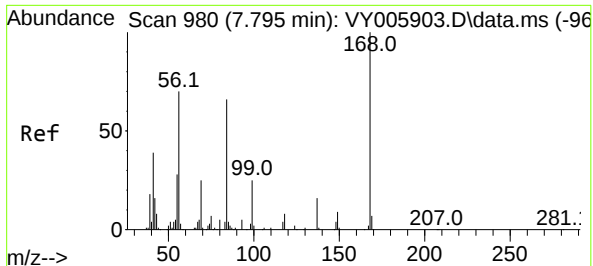
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 01 05:32:43 2021
Response via : Initial Calibration

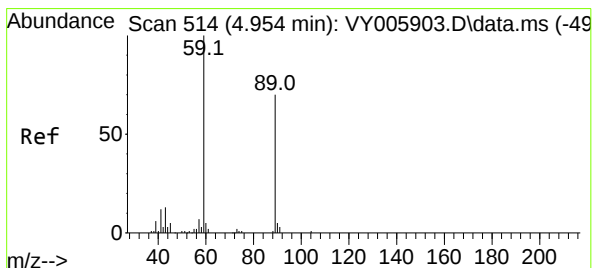
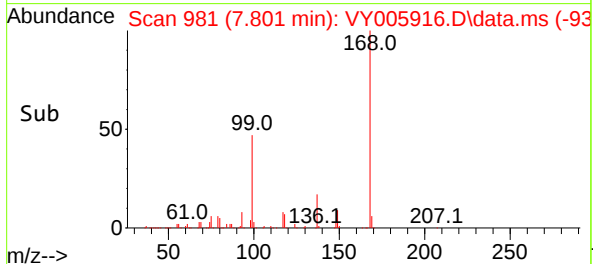
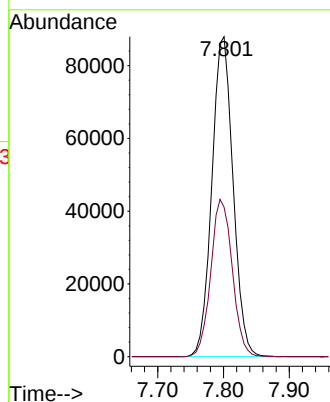
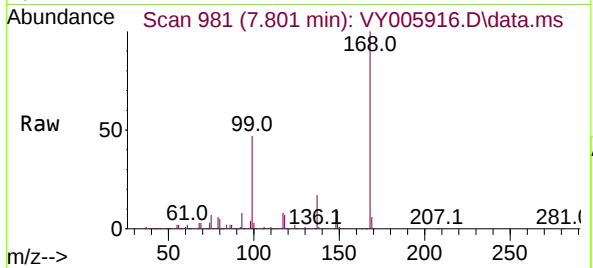




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005916.D
Acq: 31 Aug 2021 16:43

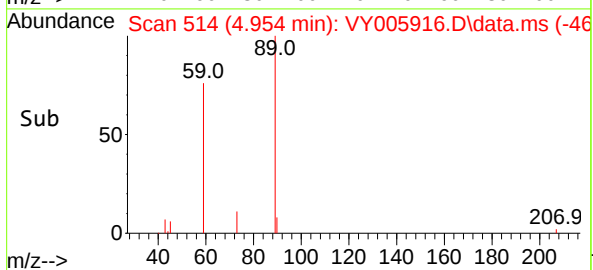
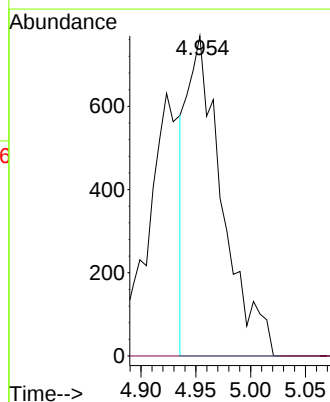
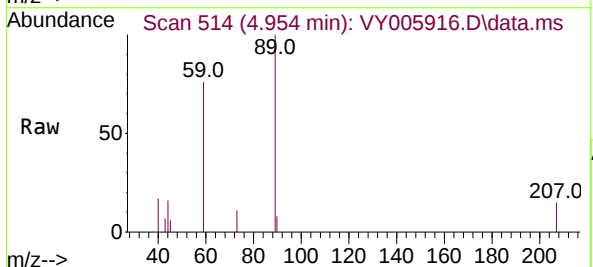
Instrument :
MSVOA_Y
ClientSampleId :

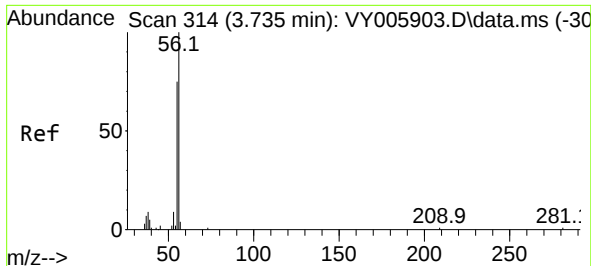
Tgt Ion:168 Resp: 197345
Ion Ratio Lower Upper
168 100
99 46.7 40.6 60.8



#11
Tert butyl alcohol
Concen: 4.439 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY005916.D
Acq: 31 Aug 2021 16:43

Tgt Ion: 59 Resp: 1736
Ion Ratio Lower Upper
59 100
57 0.0 5.5 8.3#

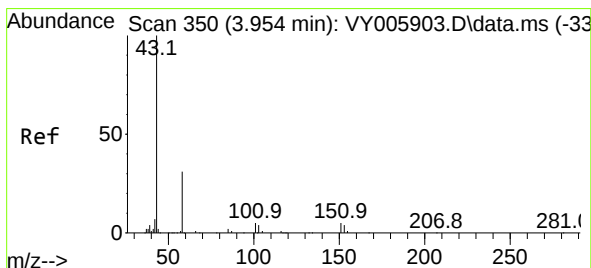
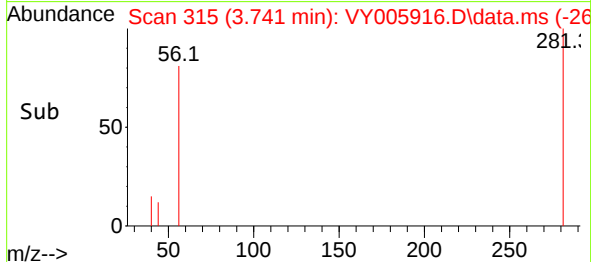
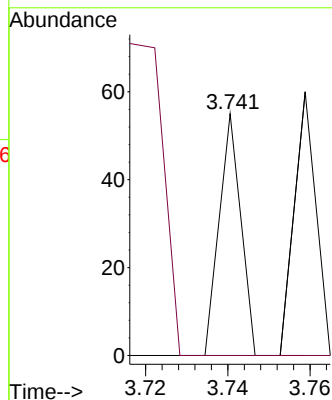
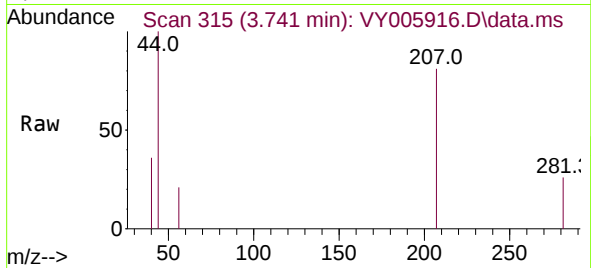




#13
Acrolein
Concen: Below Cal
RT: 3.741 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY005916.D
Acq: 31 Aug 2021 16:43

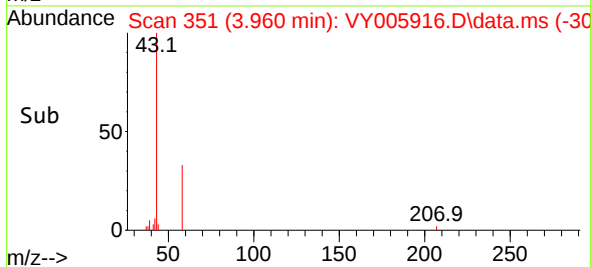
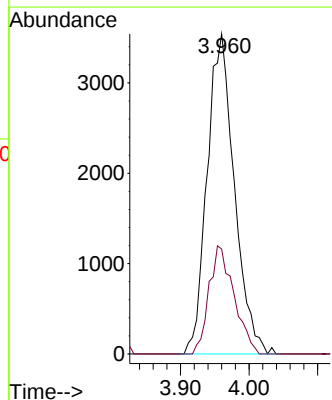
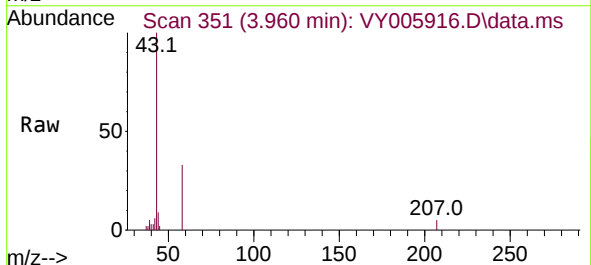
Instrument :
MSVOA_Y
ClientSampled :

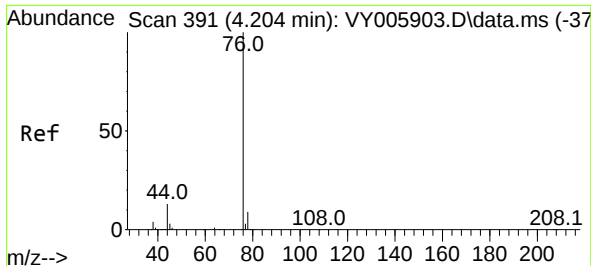
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 19.299 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY005916.D
Acq: 31 Aug 2021 16:43

Tgt Ion: 43 Resp: 9786
Ion Ratio Lower Upper
43 100
58 32.8 25.1 37.7

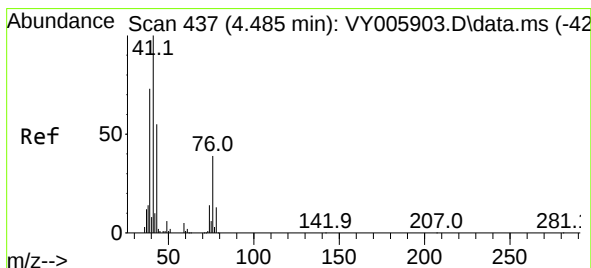
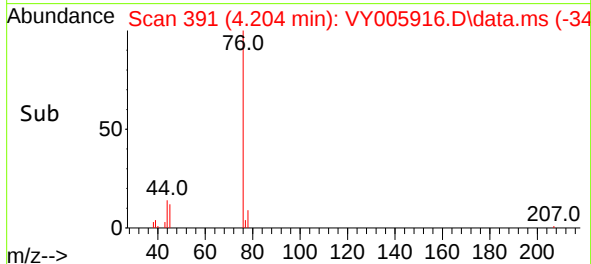
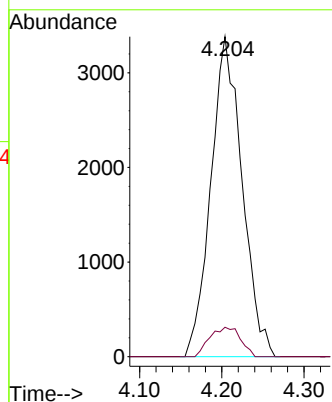
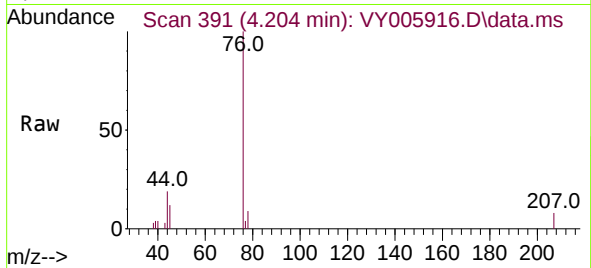




#17
Carbon Disulfide
Concen: 1.650 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005916.D
Acq: 31 Aug 2021 16:43

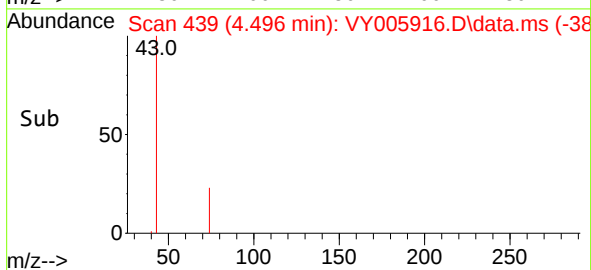
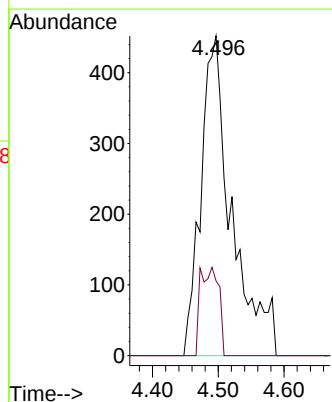
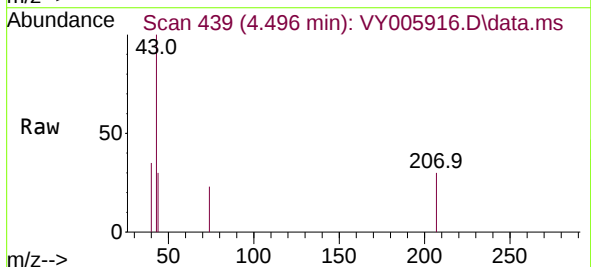
Instrument :
MSVOA_Y
ClientSampled :

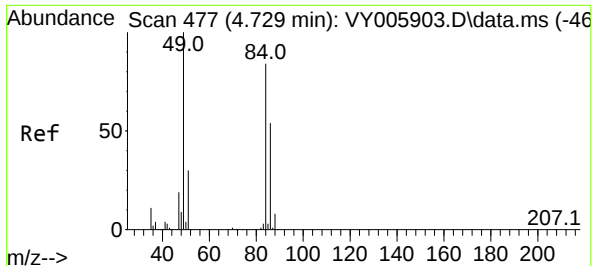
Tgt Ion: 76 Resp: 8929
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3



#18
Methyl Acetate
Concen: 1.040 ug/l
RT: 4.496 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY005916.D
Acq: 31 Aug 2021 16:43

Tgt Ion: 43 Resp: 1464
Ion Ratio Lower Upper
43 100
74 16.6 19.7 29.5#





#20

Methylene Chloride

Concen: 1.489 ug/l

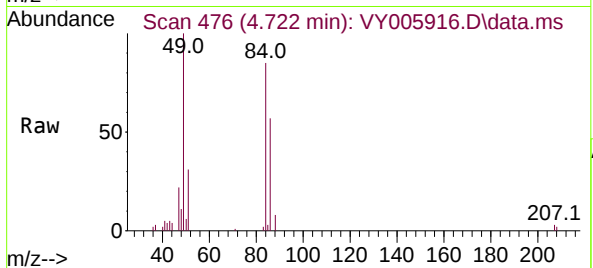
RT: 4.722 min Scan# 476

Delta R.T. -0.007 min

Lab File: VY005916.D

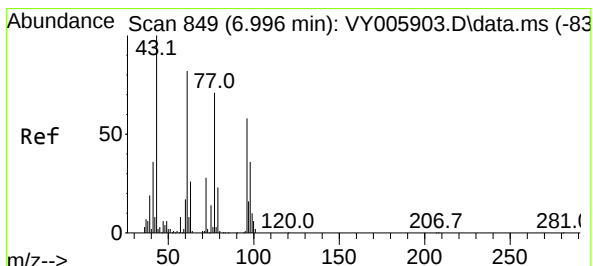
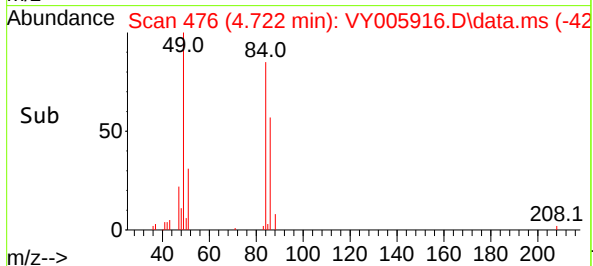
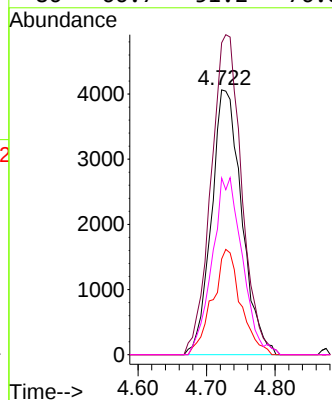
Acq: 31 Aug 2021 16:43

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 12436

Ion	Ratio	Lower	Upper
84	100		
49	117.8	95.7	143.5
51	36.1	29.0	43.6
86	66.7	51.2	76.8



#25

2-Butanone

Concen: 3.004 ug/l

RT: 7.002 min Scan# 850

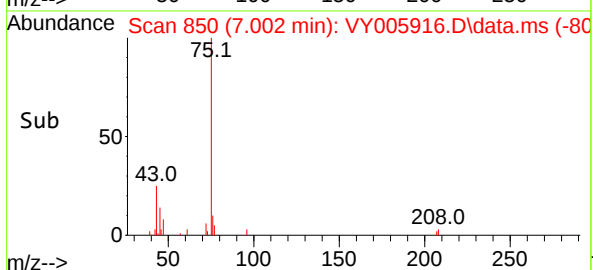
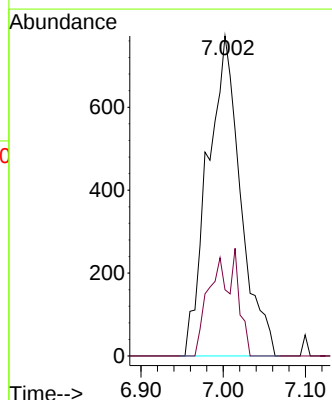
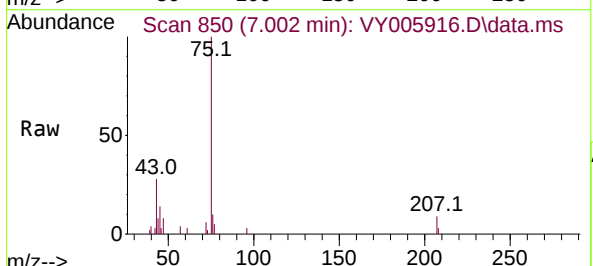
Delta R.T. 0.006 min

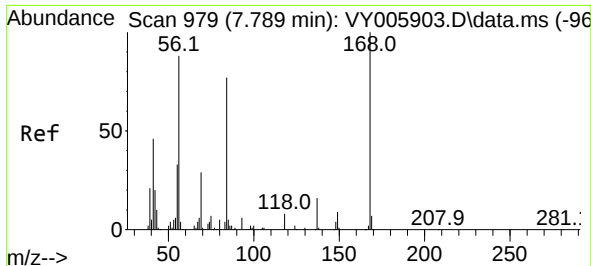
Lab File: VY005916.D

Acq: 31 Aug 2021 16:43

Tgt Ion: 43 Resp: 2152

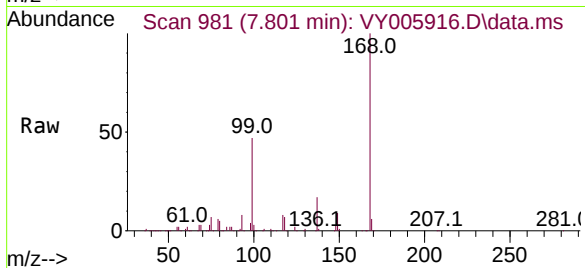
Ion	Ratio	Lower	Upper
43	100		
72	20.7	22.3	33.5



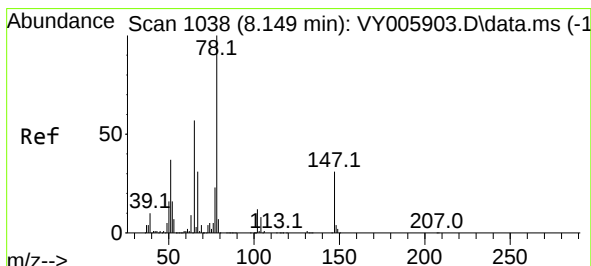
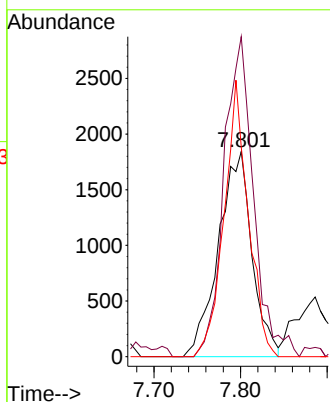
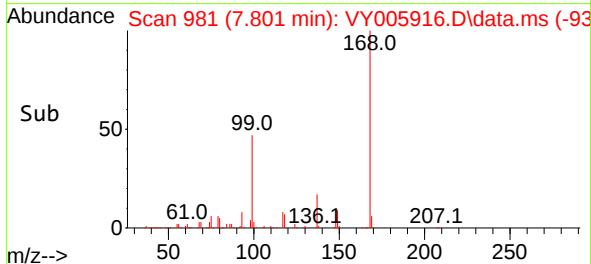


#31
Cyclohexane
Concen: 1.480 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY005916.D
Acq: 31 Aug 2021 16:43

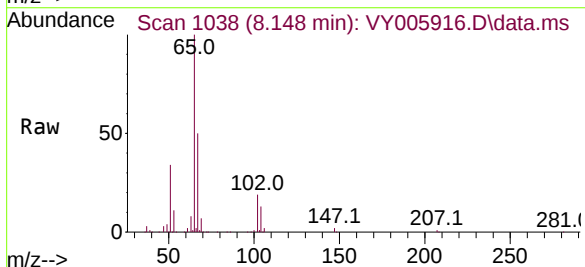
Instrument :
MSVOA_Y
ClientSampleId :



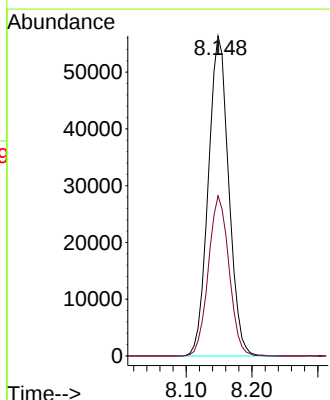
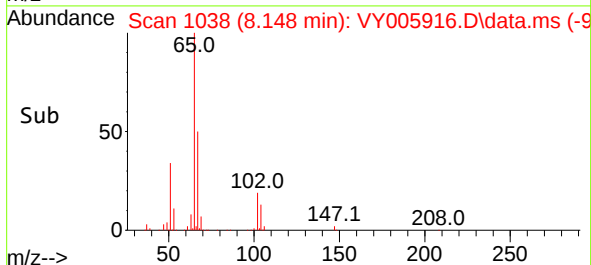
Tgt Ion: 56 Resp: 4964
Ion Ratio Lower Upper
56 100
69 156.0 26.3 39.5#
84 102.3 69.8 104.8

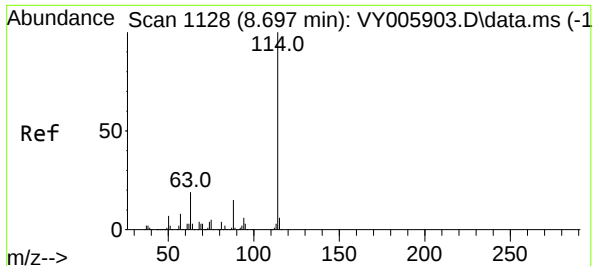


#33
1,2-Dichloroethane-d4
Concen: 61.274 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005916.D
Acq: 31 Aug 2021 16:43



Tgt Ion: 65 Resp: 121855
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4

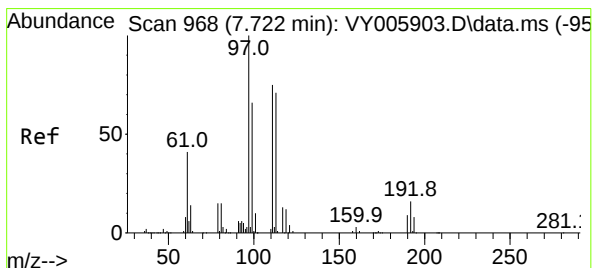
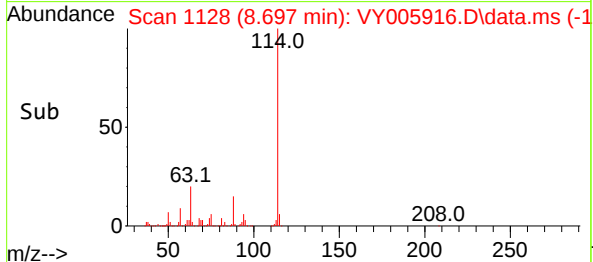
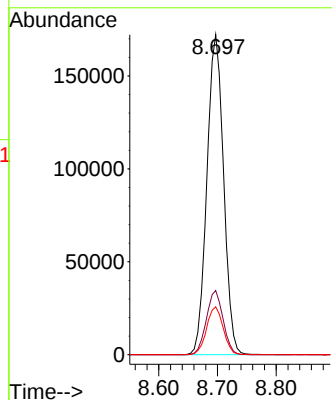
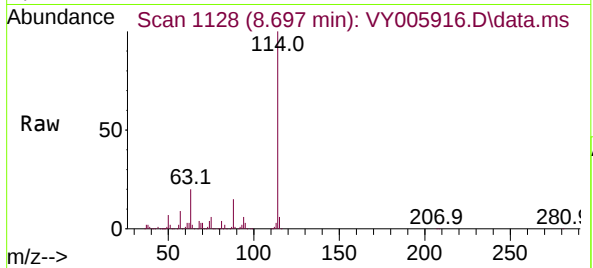




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005916.D
Acq: 31 Aug 2021 16:43

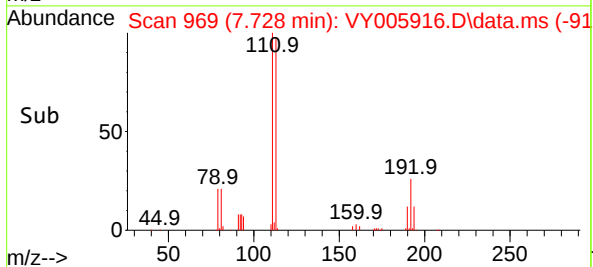
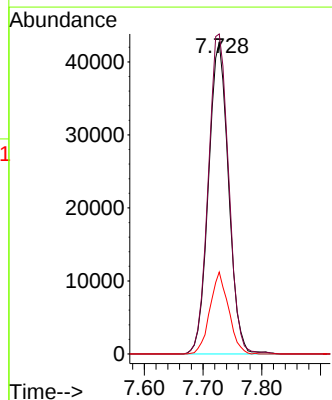
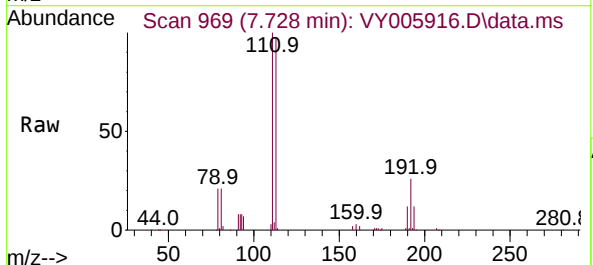
Instrument :
MSVOA_Y
ClientSampled :

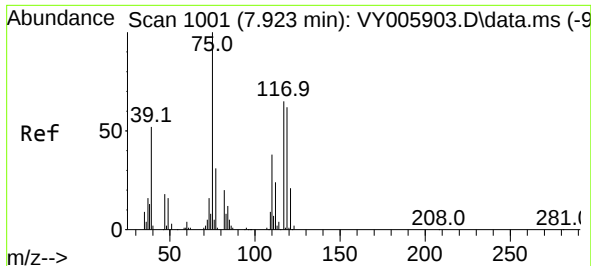
Tgt Ion:114 Resp: 339445
Ion Ratio Lower Upper
114 100
63 20.0 0.0 38.4
88 15.0 0.0 30.0



#35
Dibromofluoromethane
Concen: 53.039 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY005916.D
Acq: 31 Aug 2021 16:43

Tgt Ion:113 Resp: 101108
Ion Ratio Lower Upper
113 100
111 104.5 81.9 122.9
192 24.4 19.4 29.0





#36

1,1-Dichloropropene

Concen: 4.318 ug/l

RT: 7.795 min Scan# 980

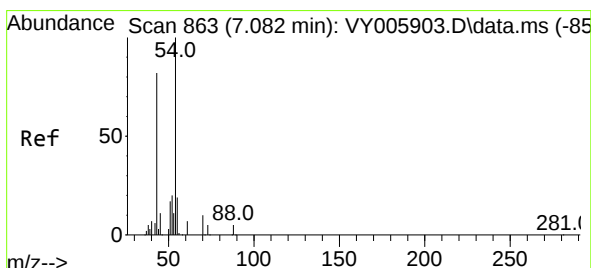
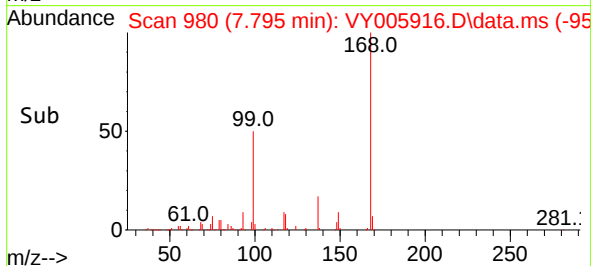
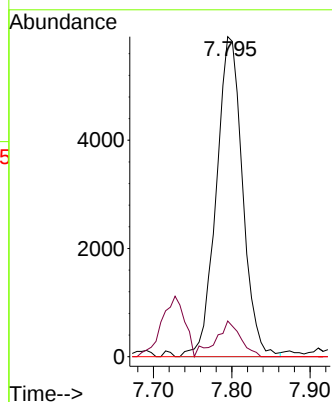
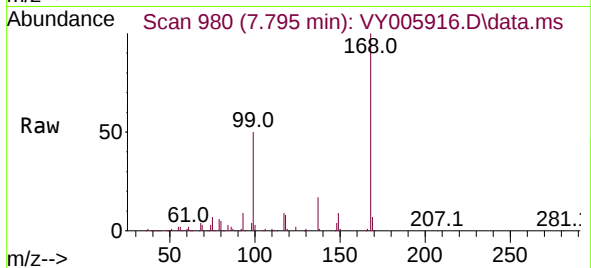
Delta R.T. -0.128 min

Lab File: VY005916.D

Acq: 31 Aug 2021 16:43

Tgt Ion:	75	Resp:	13800
Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.3#
77	0.0	24.9	37.3#

Instrument :
MSVOA_Y
ClientSampled :



#37

Ethyl Acetate

Concen: 1.124 ug/l

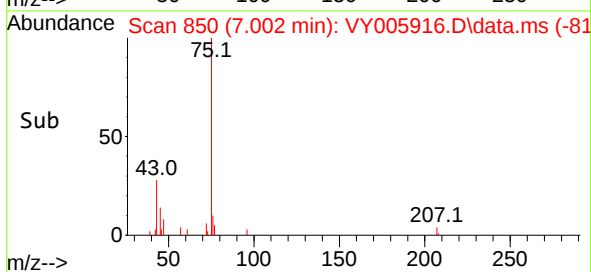
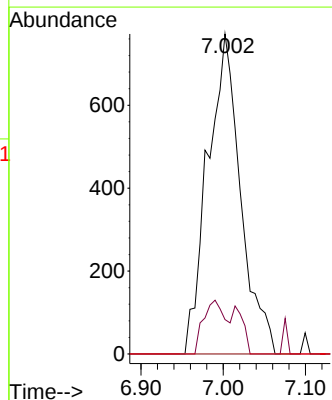
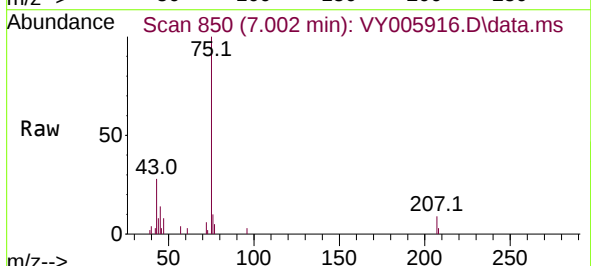
RT: 7.002 min Scan# 850

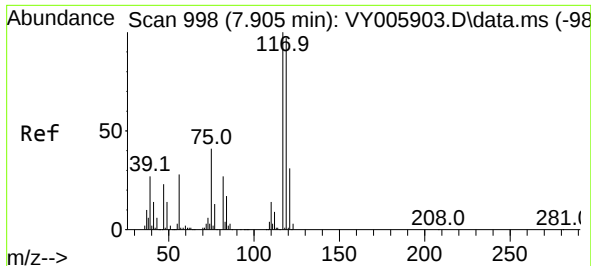
Delta R.T. -0.080 min

Lab File: VY005916.D

Acq: 31 Aug 2021 16:43

Tgt Ion:	43	Resp:	2152
Ion	Ratio	Lower	Upper
43	100		
61	11.5	11.2	16.8
70	0.0	8.3	12.5#

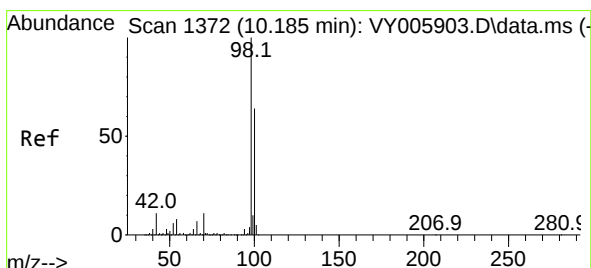
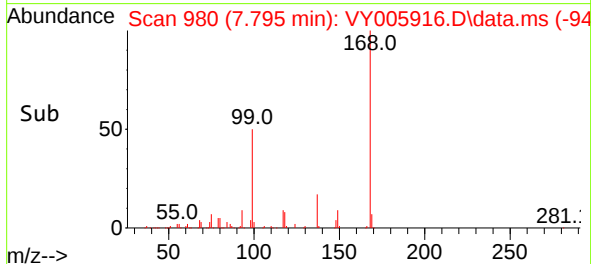
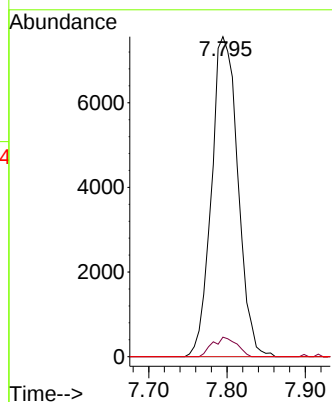
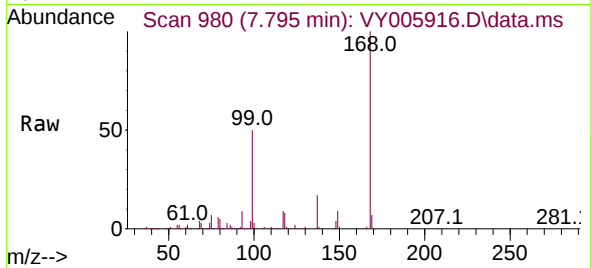




#38
Carbon Tetrachloride
Concen: 5.112 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY005916.D
Acq: 31 Aug 2021 16:43

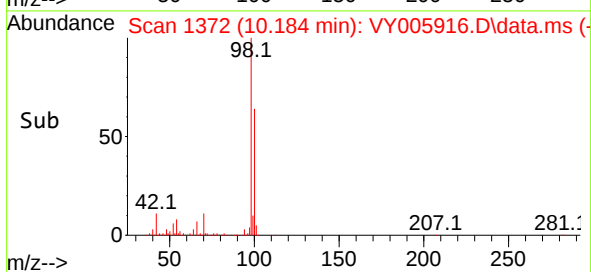
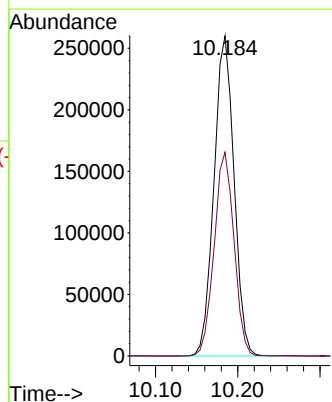
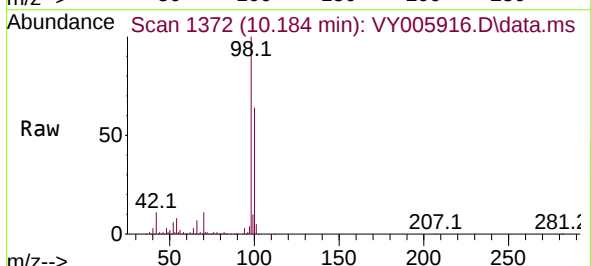
Instrument :
MSVOA_Y
ClientSampleId :

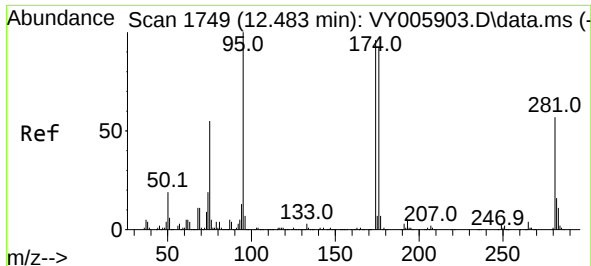
Tgt Ion:117 Resp: 17708
Ion Ratio Lower Upper
117 100
119 6.1 77.5 116.3#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 55.034 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005916.D
Acq: 31 Aug 2021 16:43

Tgt Ion: 98 Resp: 440296
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3

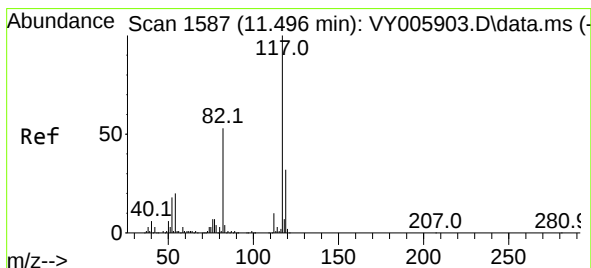
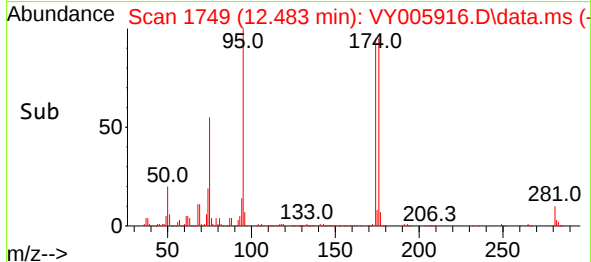
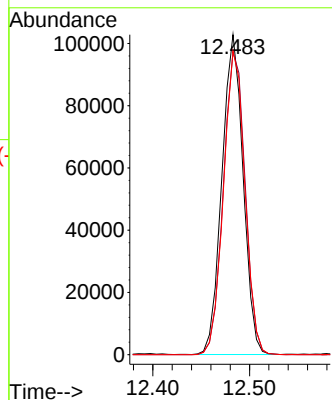
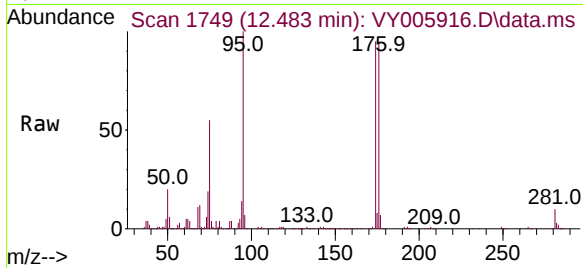




#62
4-Bromofluorobenzene
Concen: 58.074 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005916.D
Acq: 31 Aug 2021 16:43

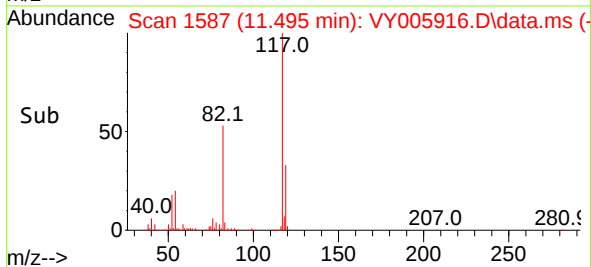
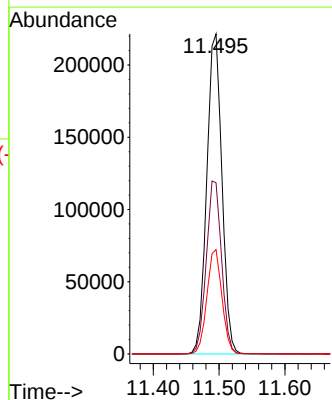
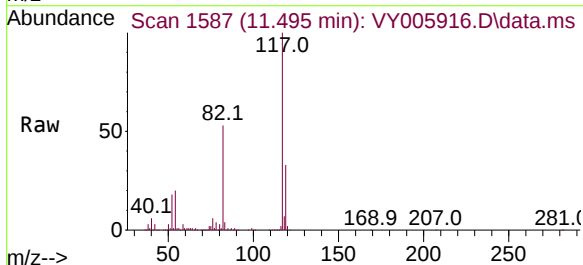
Instrument :
MSVOA_Y
ClientSampleId :

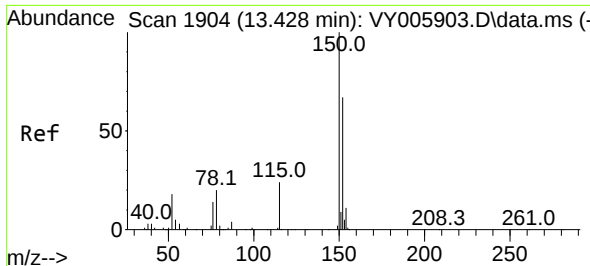
Tgt Ion: 95 Resp: 156011
Ion Ratio Lower Upper
95 100
174 97.2 0.0 192.4
176 95.8 0.0 186.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005916.D
Acq: 31 Aug 2021 16:43

Tgt Ion: 117 Resp: 355049
Ion Ratio Lower Upper
117 100
82 53.5 42.4 63.6
119 32.6 25.4 38.0

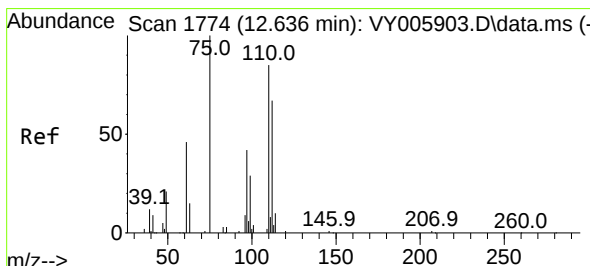
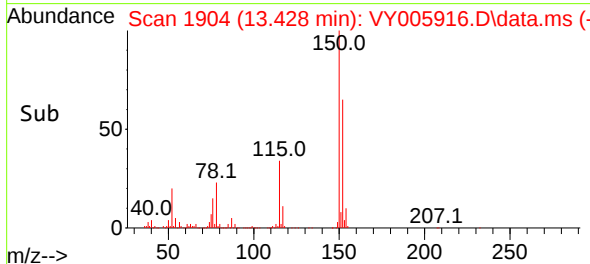
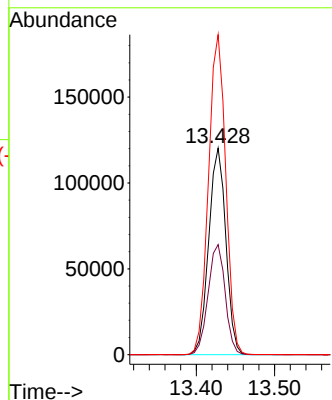
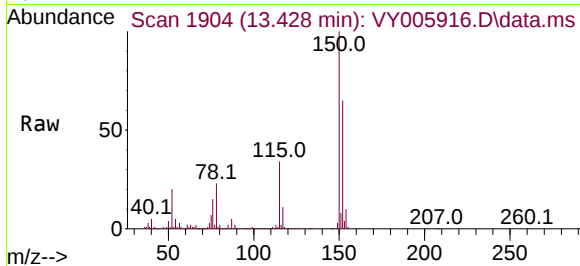




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005916.D
 Acq: 31 Aug 2021 16:43

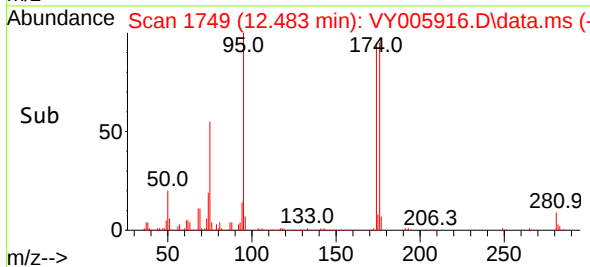
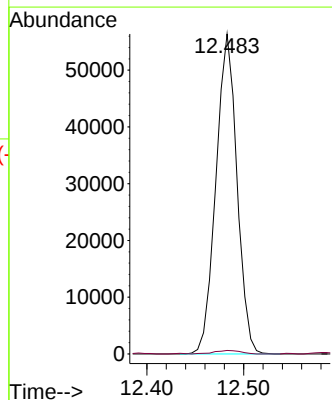
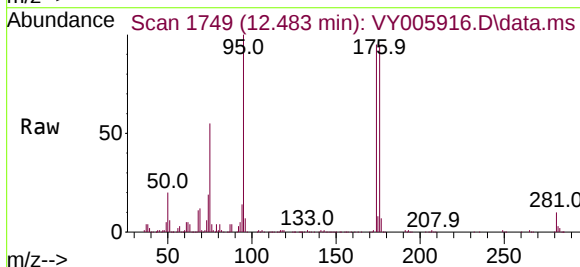
Instrument :
 MSVOA_Y
 ClientSampled :

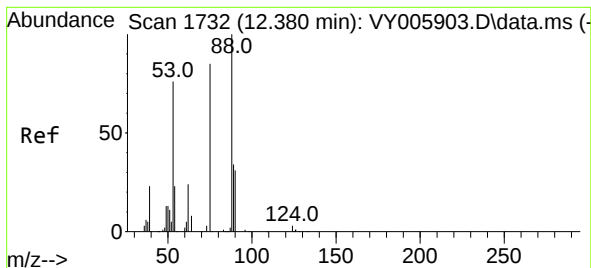
Tgt Ion:152 Resp: 182759
 Ion Ratio Lower Upper
 152 100
 115 53.1 26.8 80.4
 150 155.8 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 49.711 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005916.D
 Acq: 31 Aug 2021 16:43

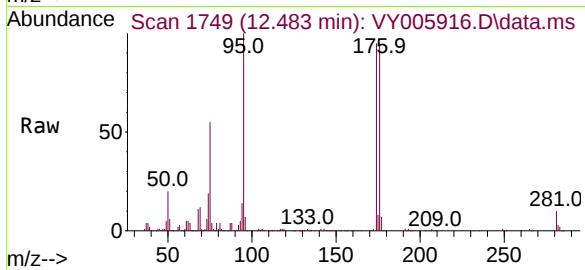
Tgt Ion: 75 Resp: 85034
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.540 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005916.D
 Acq: 31 Aug 2021 16:43

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 85034
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.8 107.8#
 89 0.2 35.8 53.6#

