

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005666.D
 Acq On : 16 Aug 2021 13:35
 Operator : SY/MD
 Sample : M3407-04RE
 Misc : 6.95G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 25S

Quant Time: Aug 17 05:18:37 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)

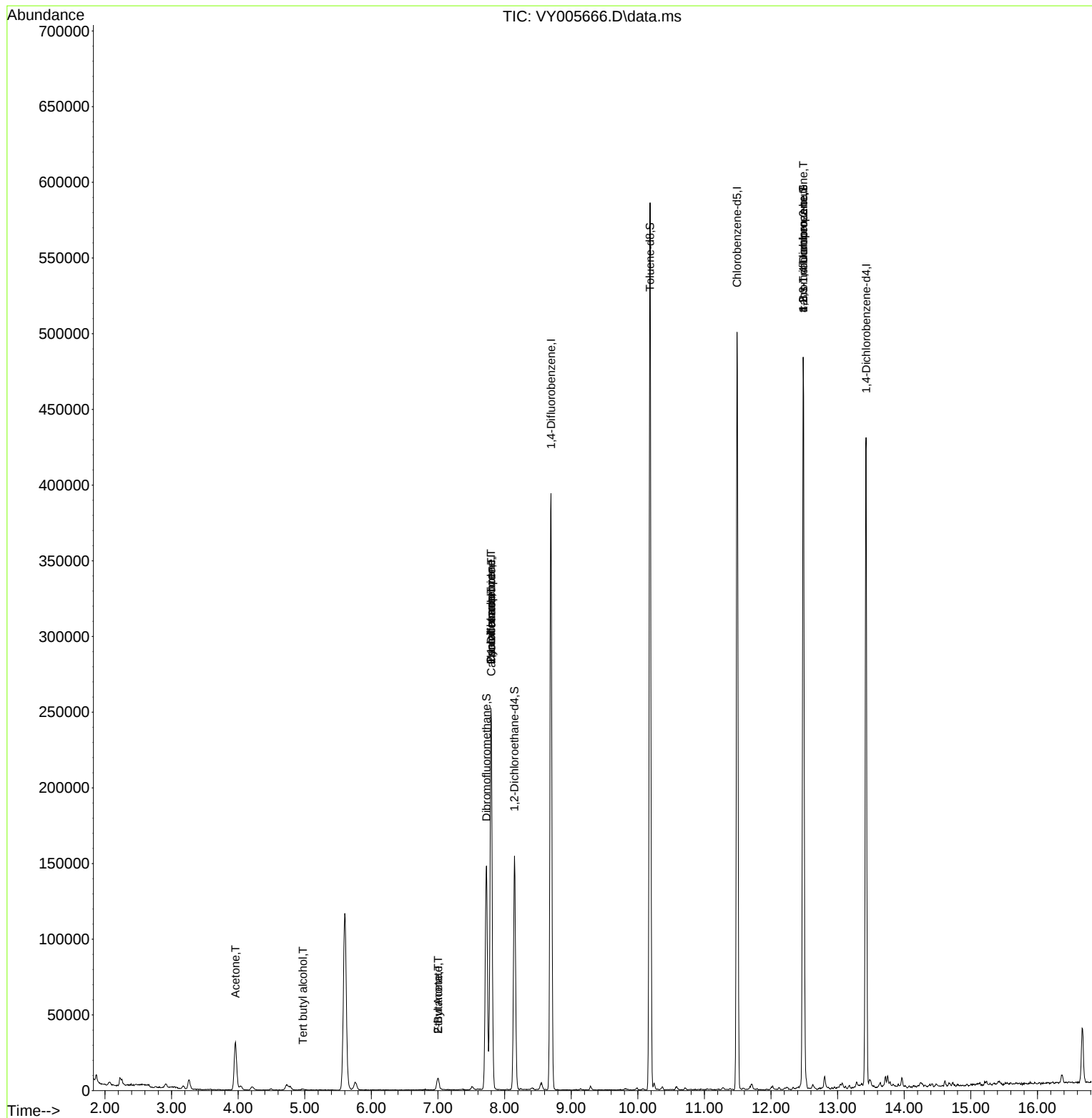
Internal Standards						
1) Pentafluorobenzene	7.795	168	202726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	323678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	270755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	110202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	121377	59.148	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.300%	
35) Dibromofluoromethane	7.728	113	99997	55.180	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.360%	
50) Toluene-d8	10.185	98	370549	48.755	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.500%	
62) 4-Bromofluorobenzene	12.483	95	108608	43.153	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.300%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	898	4.427	ug/l #	73
16) Acetone	3.960	43	54461	105.263	ug/l	99
20) Methylene Chloride	4.722	84	2309	Below Cal	#	82
25) 2-Butanone	7.002	43	13259	17.337	ug/l	98
31) Cyclohexane	7.795	56	4215	1.197	ug/l #	24
36) 1,1-Dichloropropene	7.795	75	14161	4.665	ug/l #	49
37) Ethyl Acetate	7.002	43	13259	7.209	ug/l #	69
38) Carbon Tetrachloride	7.801	117	18258	5.534	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	60392	52.882	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	60392	106.604	ug/l #	11

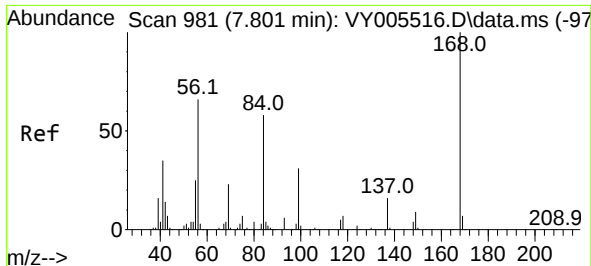
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
Data File : VY005666.D
Acq On : 16 Aug 2021 13:35
Operator : SY/MD
Sample : M3407-04RE
Misc : 6.95G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
25S

Quant Time: Aug 17 05:18:37 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

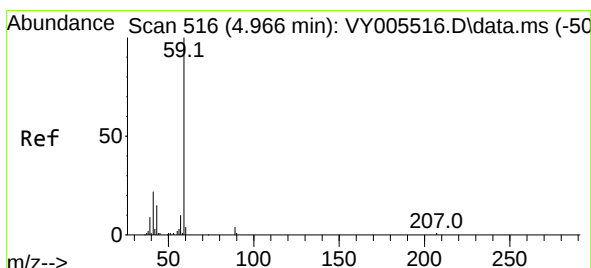
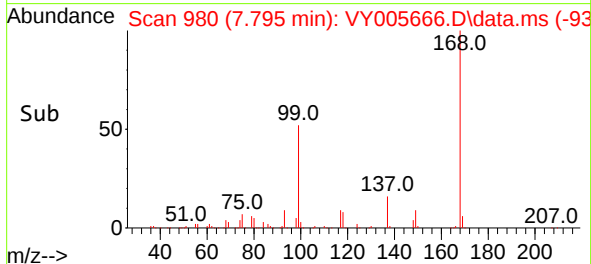
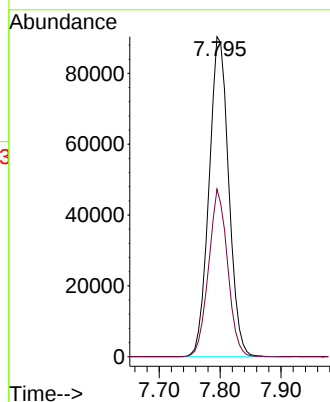
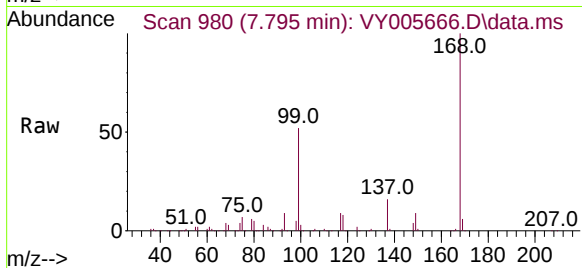




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005666.D
Acq: 16 Aug 2021 13:35

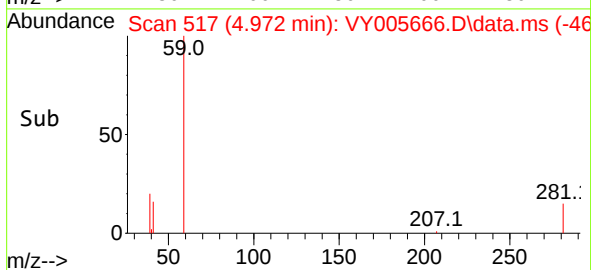
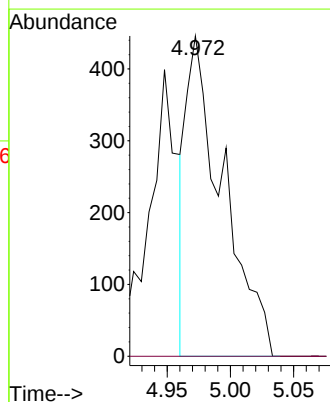
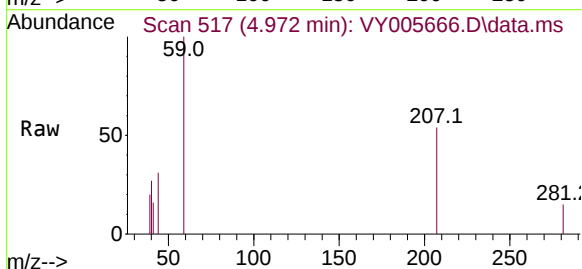
Instrument :
MSVOA_Y
ClientSampled :
25S

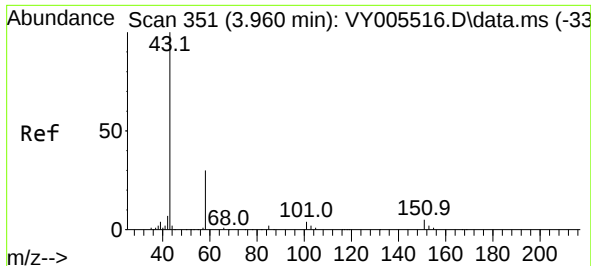
Tgt Ion:168 Resp: 202726
Ion Ratio Lower Upper
168 100
99 52.4 38.9 58.3



#11
Tert butyl alcohol
Concen: 4.427 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY005666.D
Acq: 16 Aug 2021 13:35

Tgt Ion: 59 Resp: 898
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

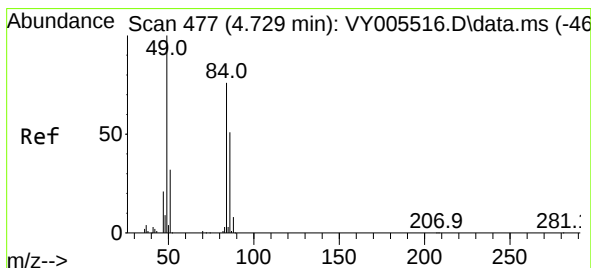
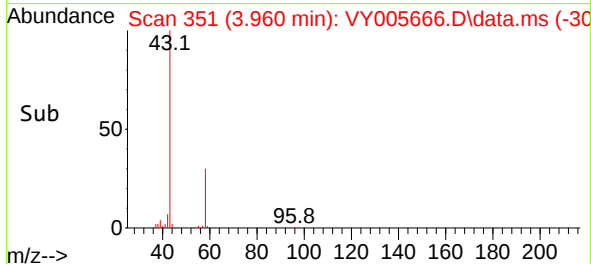
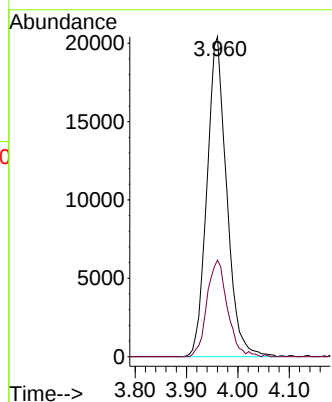
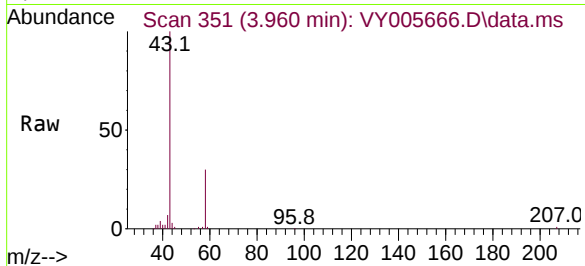




#16
Acetone
Concen: 105.263 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005666.D
Acq: 16 Aug 2021 13:35

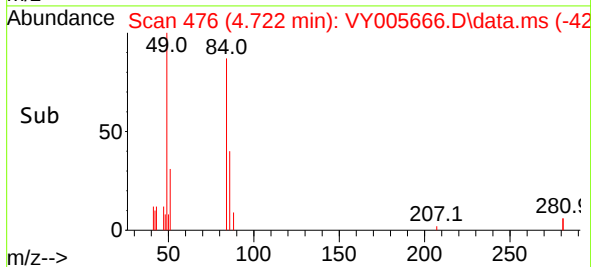
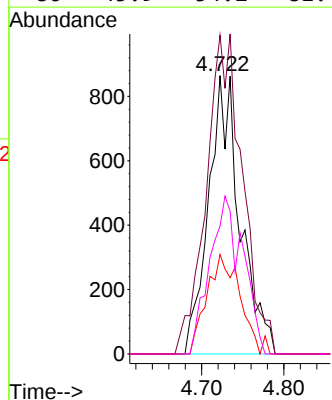
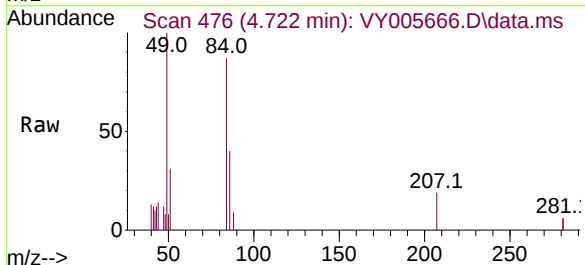
Instrument :
MSVOA_Y
ClientSampleId :
25S

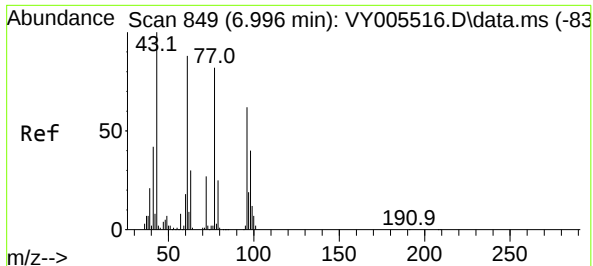
Tgt Ion: 43 Resp: 54461
Ion Ratio Lower Upper
43 100
58 30.2 23.8 35.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005666.D
Acq: 16 Aug 2021 13:35

Tgt Ion: 84 Resp: 2309
Ion Ratio Lower Upper
84 100
49 114.5 105.8 158.6
51 35.7 33.4 50.2
86 45.9 54.2 81.4#





#25

2-Butanone

Concen: 17.337 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY005666.D

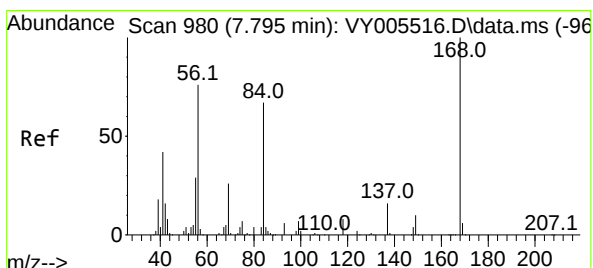
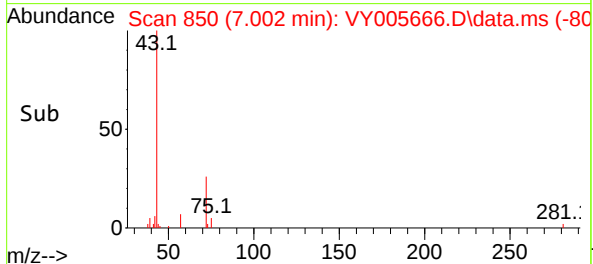
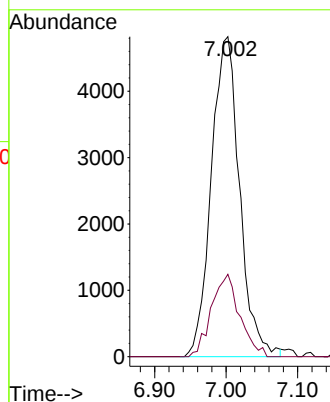
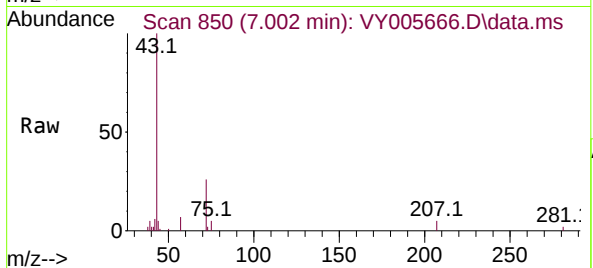
Acq: 16 Aug 2021 13:35

Tgt Ion: 43 Resp: 13259

Ion Ratio Lower Upper

43 100

72 25.7 21.4 32.2



#31

Cyclohexane

Concen: 1.197 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.000 min

Lab File: VY005666.D

Acq: 16 Aug 2021 13:35

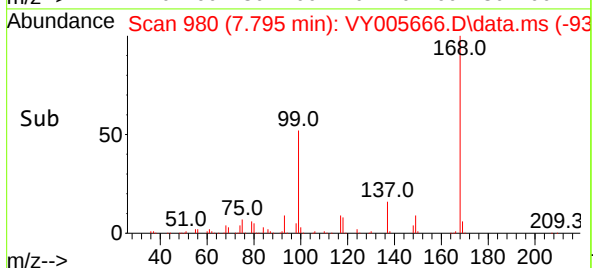
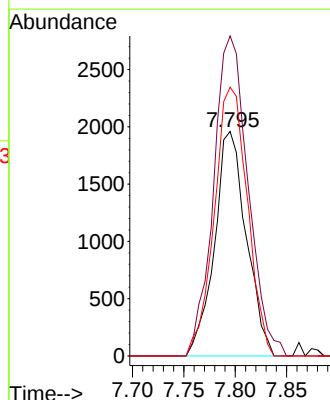
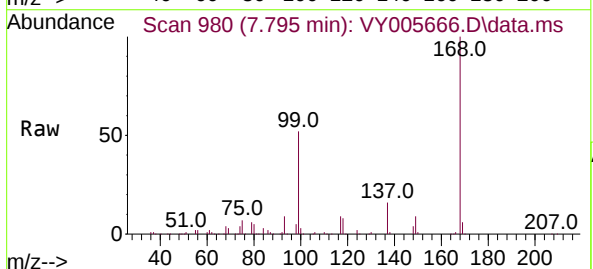
Tgt Ion: 56 Resp: 4215

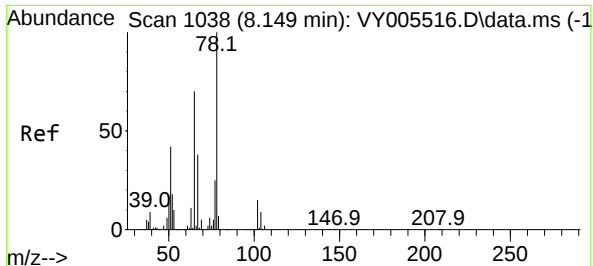
Ion Ratio Lower Upper

56 100

69 142.6 27.7 41.5#

84 119.7 70.9 106.3#

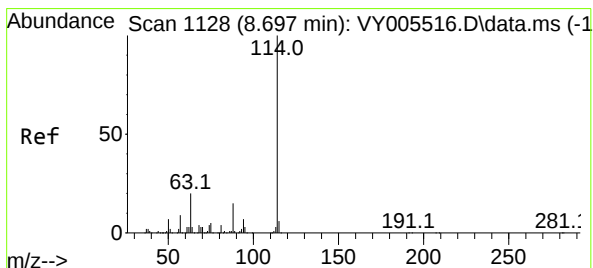
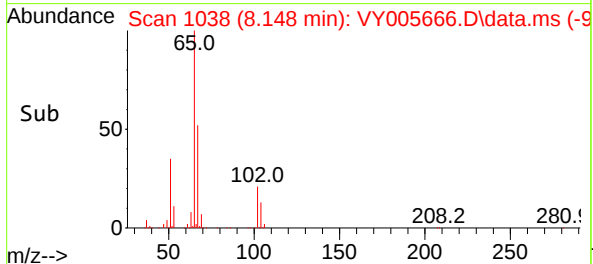
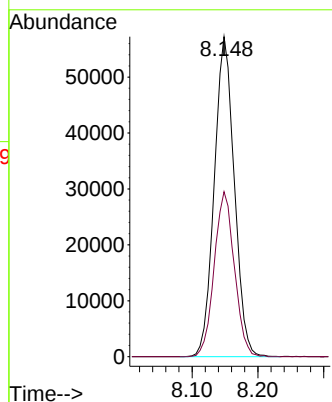
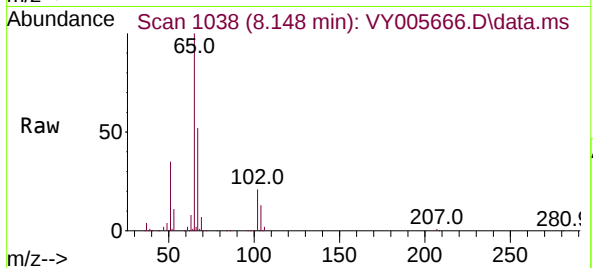




#33
1,2-Dichloroethane-d4
Concen: 59.148 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005666.D
Acq: 16 Aug 2021 13:35

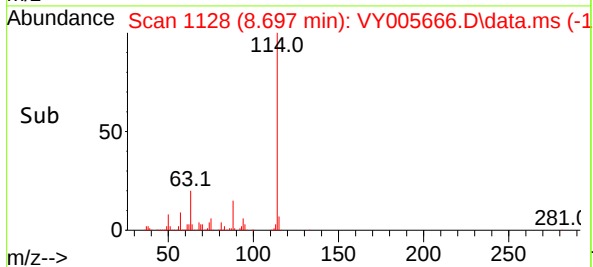
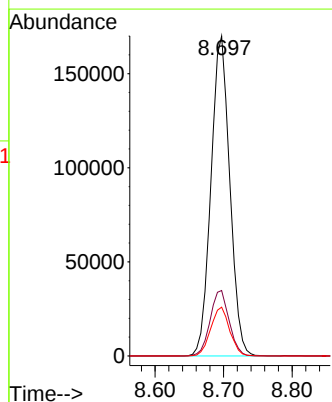
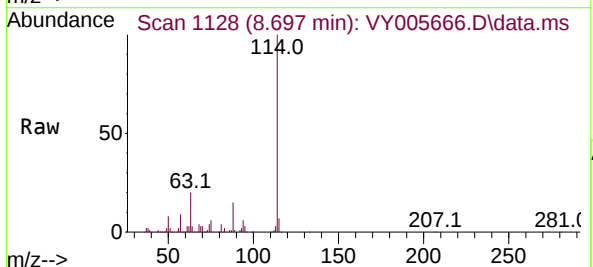
Instrument :
MSVOA_Y
ClientSampled :
25S

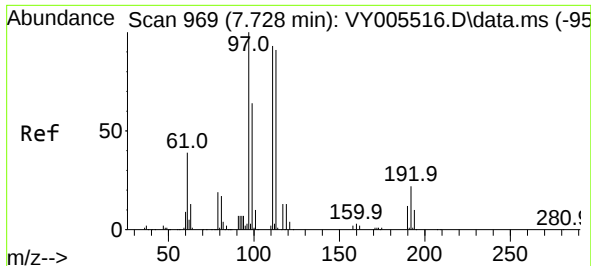
Tgt Ion: 65 Resp: 121377
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005666.D
Acq: 16 Aug 2021 13:35

Tgt Ion: 114 Resp: 323678
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.2
88 15.2 0.0 30.8

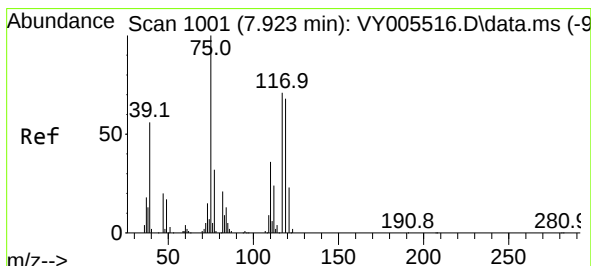
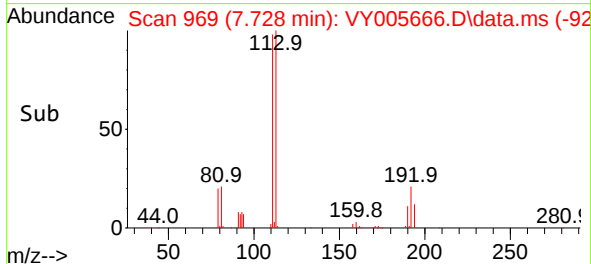
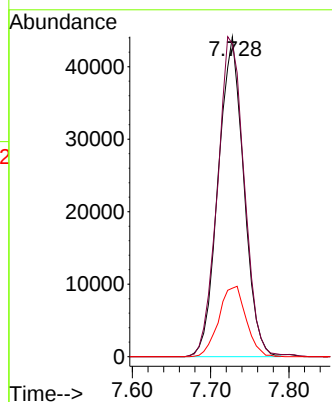
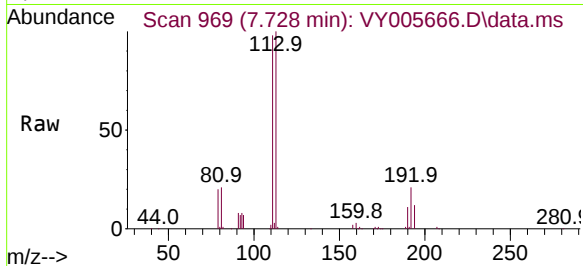




#35
Dibromofluoromethane
Concen: 55.180 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005666.D
Acq: 16 Aug 2021 13:35

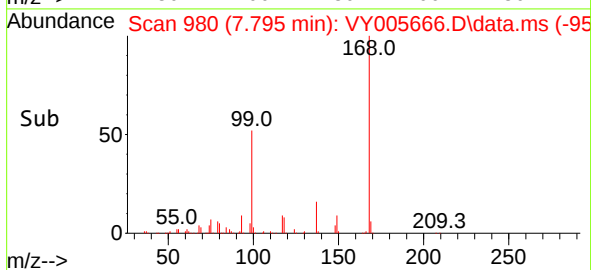
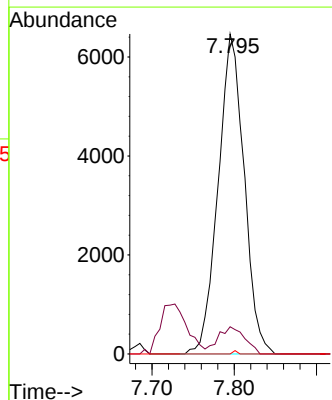
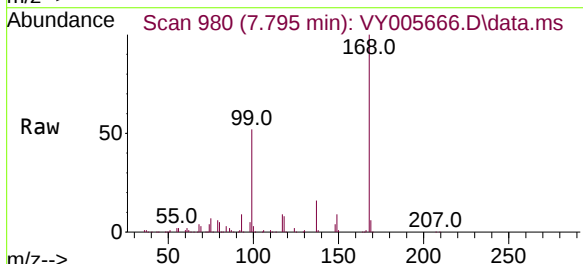
Instrument :
MSVOA_Y
ClientSampleId :
25S

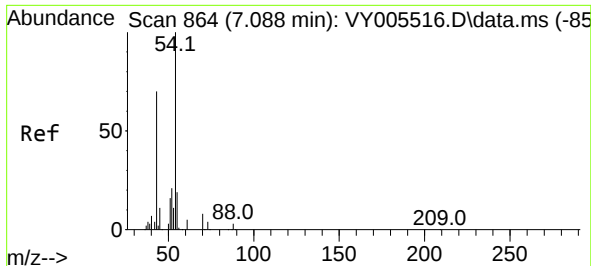
Tgt Ion:	113	Resp:	99997
Ion	Ratio	Lower	Upper
113	100		
111	104.8	81.9	122.9
192	23.5	19.2	28.8



#36
1,1-Dichloropropene
Concen: 4.665 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005666.D
Acq: 16 Aug 2021 13:35

Tgt Ion:	75	Resp:	14161
Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.1#
77	0.2	25.1	37.7#





#37

Ethyl Acetate

Concen: 7.209 ug/l

RT: 7.002 min Scan# 850

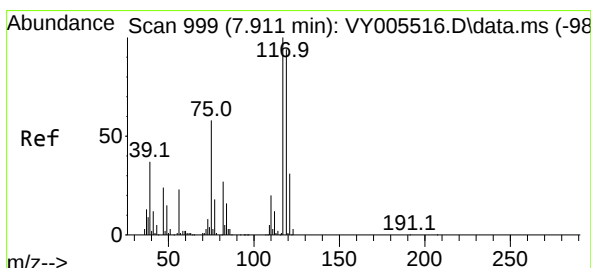
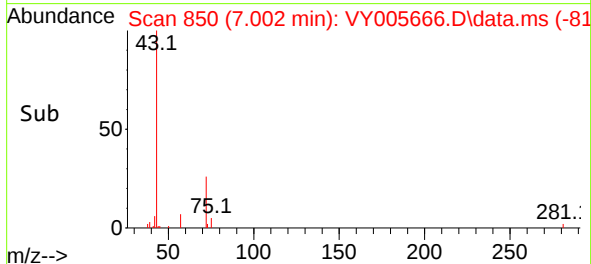
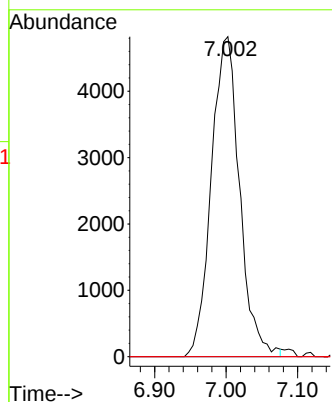
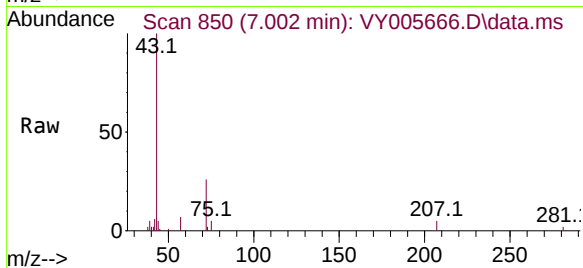
Delta R.T. -0.086 min

Lab File: VY005666.D

Acq: 16 Aug 2021 13:35

Instrument :
MSVOA_Y
ClientSampled :
25S

Tgt Ion:	43	Resp:	13259
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	15.8#
70	0.0	8.6	13.0#



#38

Carbon Tetrachloride

Concen: 5.534 ug/l

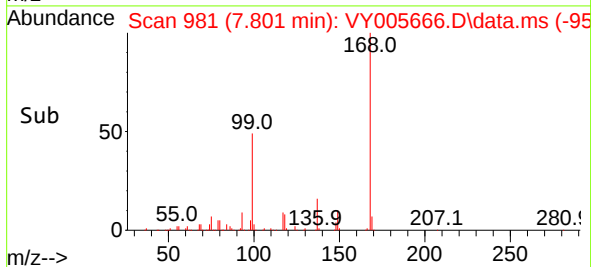
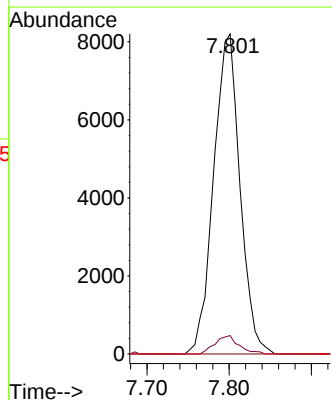
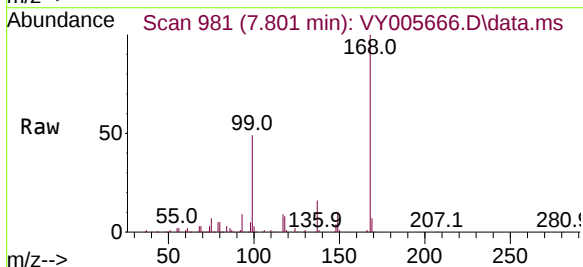
RT: 7.801 min Scan# 981

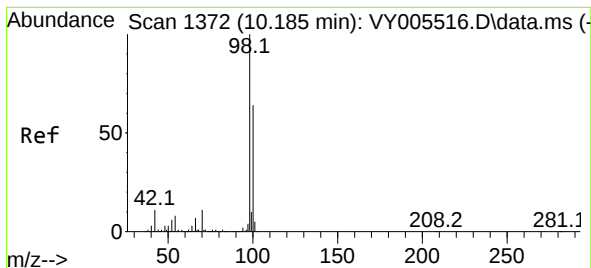
Delta R.T. -0.110 min

Lab File: VY005666.D

Acq: 16 Aug 2021 13:35

Tgt Ion:	117	Resp:	18258
Ion	Ratio	Lower	Upper
117	100		
119	5.7	75.4	113.0#
121	0.0	25.1	37.7#

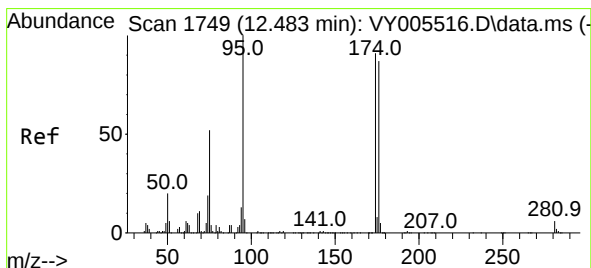
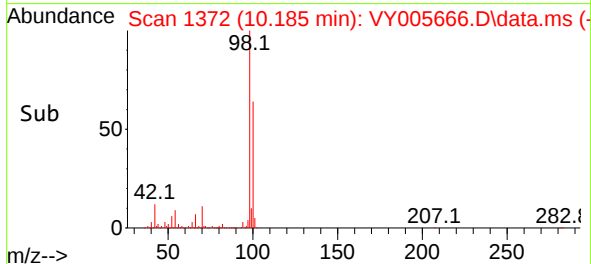
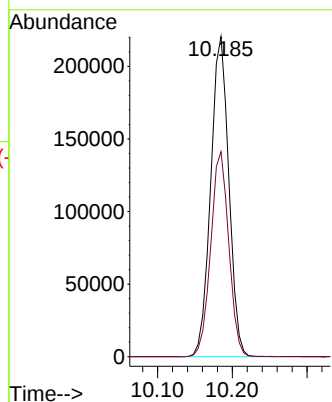
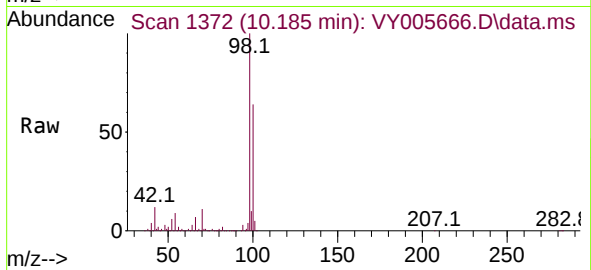




#50
Toluene-d8
Concen: 48.755 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005666.D
Acq: 16 Aug 2021 13:35

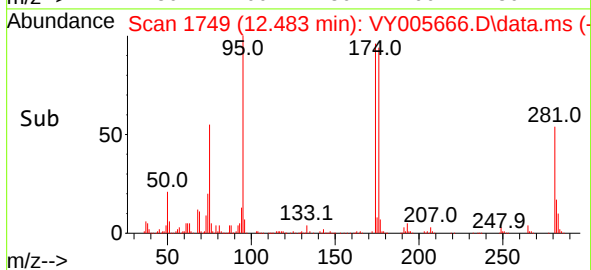
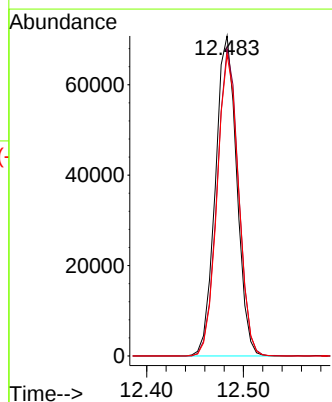
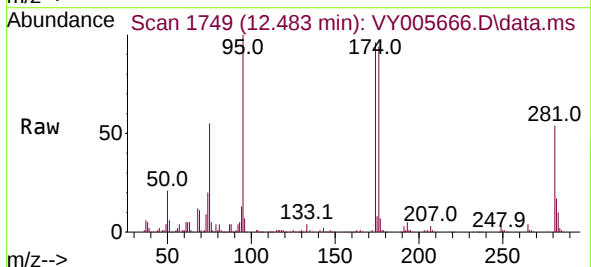
Instrument :
MSVOA_Y
ClientSampled :
25S

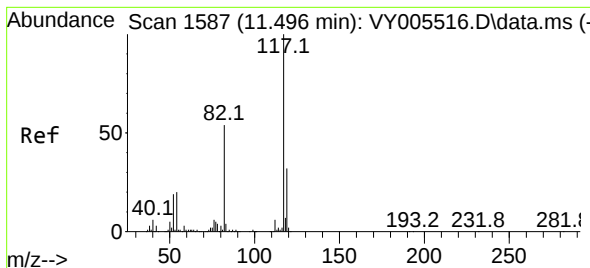
Tgt Ion: 98 Resp: 370549
Ion Ratio Lower Upper
98 100
100 63.9 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 43.153 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005666.D
Acq: 16 Aug 2021 13:35

Tgt Ion: 95 Resp: 108608
Ion Ratio Lower Upper
95 100
174 95.9 0.0 191.4
176 93.9 0.0 183.6

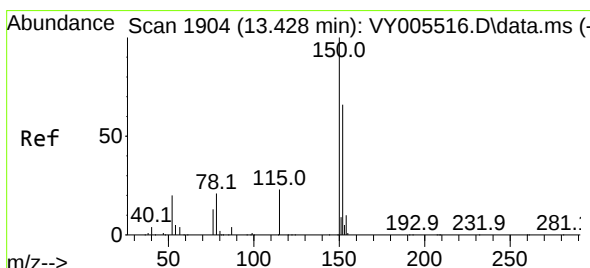
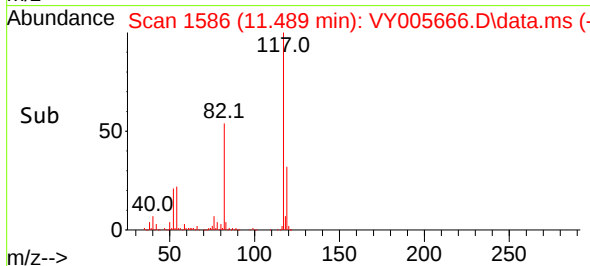
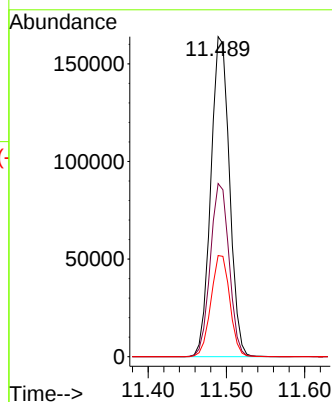
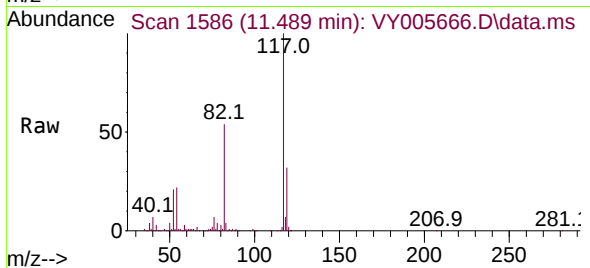




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005666.D
Acq: 16 Aug 2021 13:35

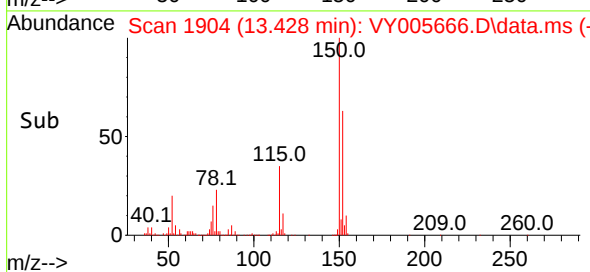
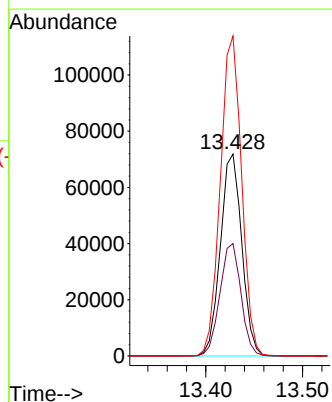
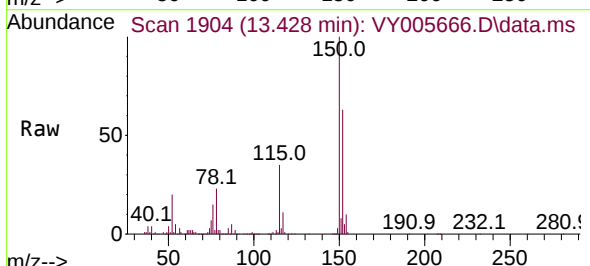
Instrument :
MSVOA_Y
ClientSampled :
25S

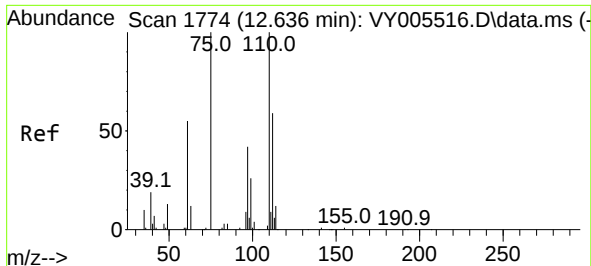
Tgt Ion:	117	Resp:	270755
Ion Ratio	Lower	Upper	
117	100		
82	54.1	43.5	65.3
119	31.6	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005666.D
Acq: 16 Aug 2021 13:35

Tgt Ion:	152	Resp:	110202
Ion Ratio	Lower	Upper	
152	100		
115	54.9	27.3	81.9
150	157.6	0.0	350.2

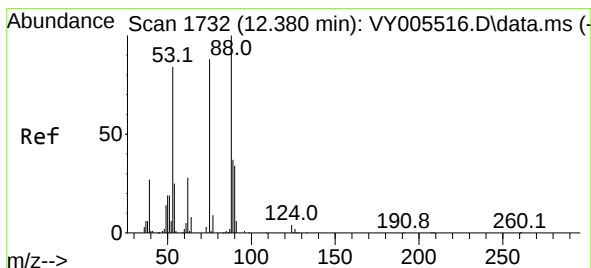
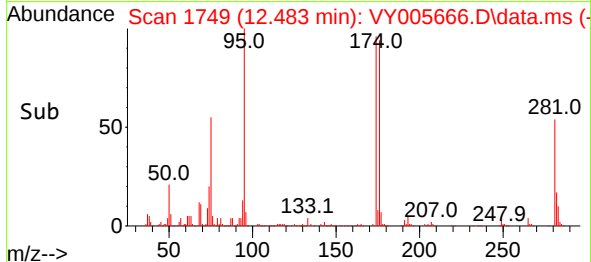
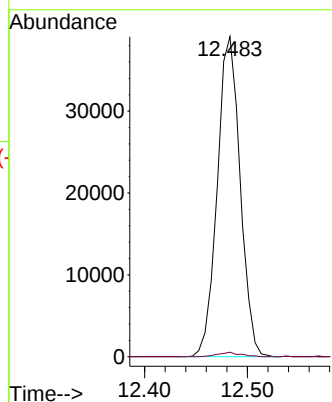
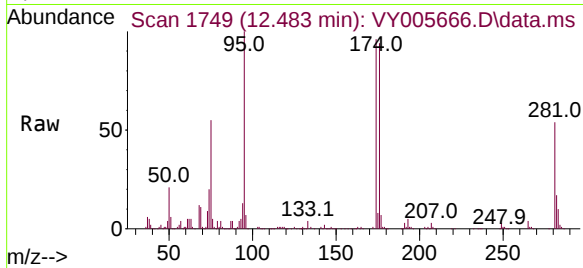




#76
1,2,3-Trichloropropane
Concen: 52.882 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005666.D
Acq: 16 Aug 2021 13:35

Instrument :
MSVOA_Y
ClientSampled :
25S

Tgt Ion: 75 Resp: 60392
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.604 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005666.D
Acq: 16 Aug 2021 13:35

Tgt Ion: 75 Resp: 60392
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.6 38.4 57.6#

