

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081721\
 Data File : VY005717.D
 Acq On : 17 Aug 2021 17:52
 Operator : SY/MD
 Sample : M3438-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 18 01:52:54 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)

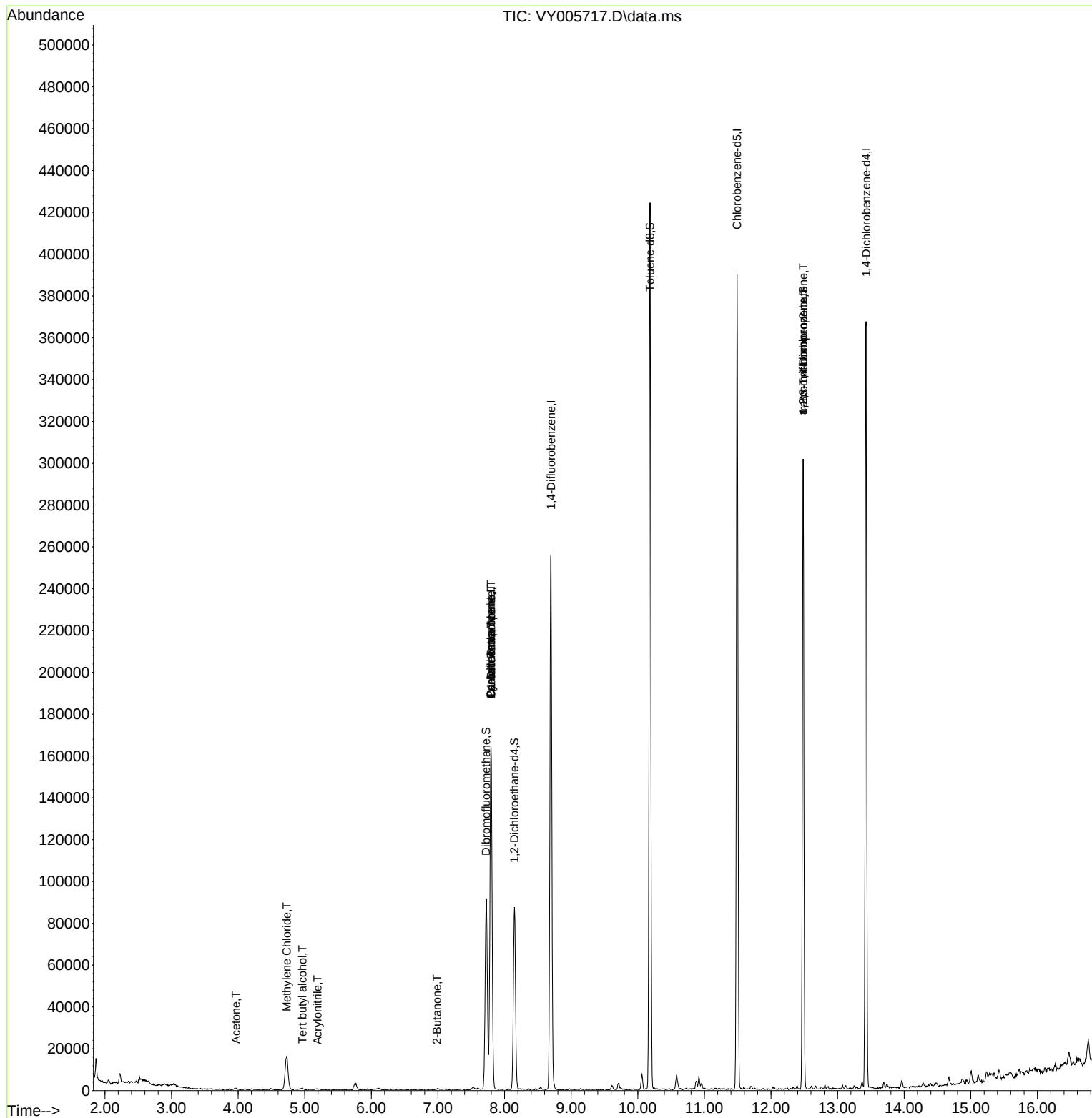
Internal Standards						
1) Pentafluorobenzene	7.795	168	134991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	215396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	202050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	71982	52.678	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.360%			
35) Dibromofluoromethane	7.722	113	62092	51.488	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.980%			
50) Toluene-d8	10.185	98	273048	53.987	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.980%			
62) 4-Bromofluorobenzene	12.483	95	85518	51.060	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.120%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	1086	8.040	ug/l #	83
15) Acrylonitrile	5.192	53	499	1.313	ug/l #	64
16) Acetone	3.967	43	1496	4.342	ug/l #	89
20) Methylene Chloride	4.729	84	12255	3.311	ug/l	92
25) 2-Butanone	6.984	43	526	1.033	ug/l #	48
31) Cyclohexane	7.795	56	2619	1.117	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	9960	4.930	ug/l #	49
38) Carbon Tetrachloride	7.795	117	12303	5.603	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	47043	47.767	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47043	96.293	ug/l #	11

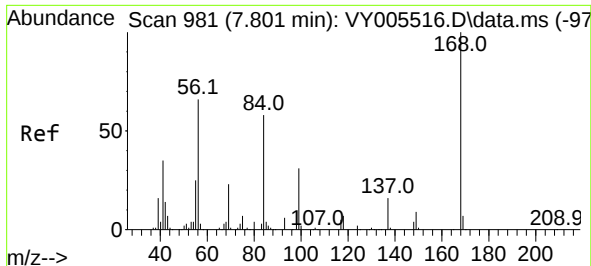
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 18 01:52:54 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

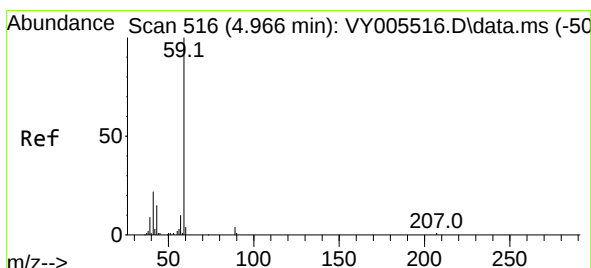
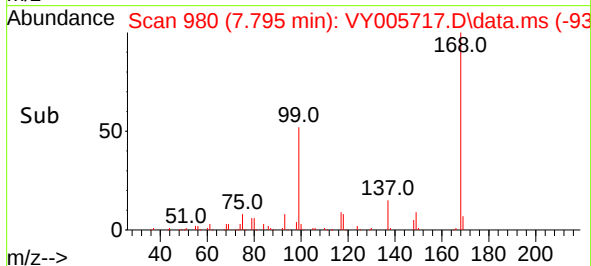
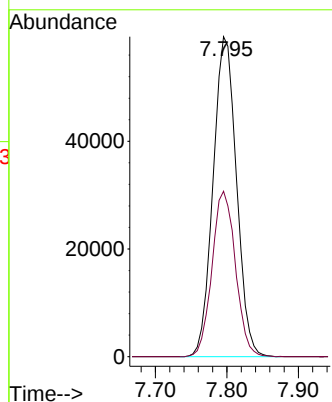
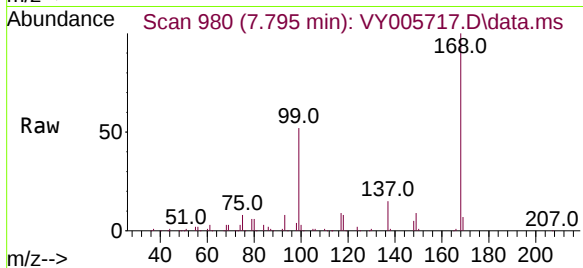




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005717.D
Acq: 17 Aug 2021 17:52

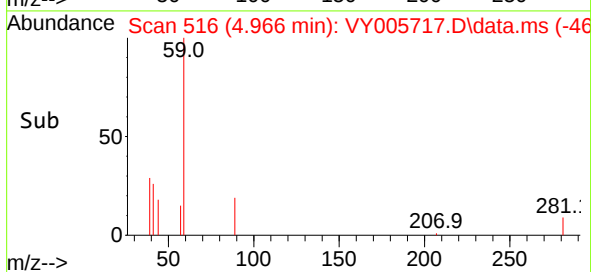
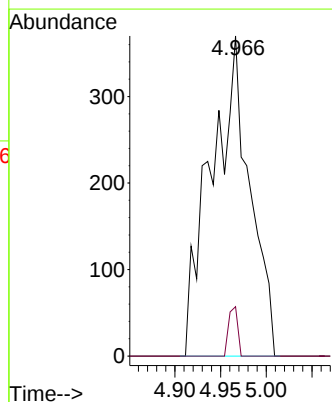
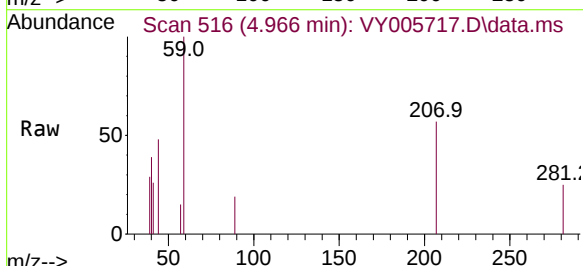
Instrument :
MSVOA_Y
ClientSampleId :

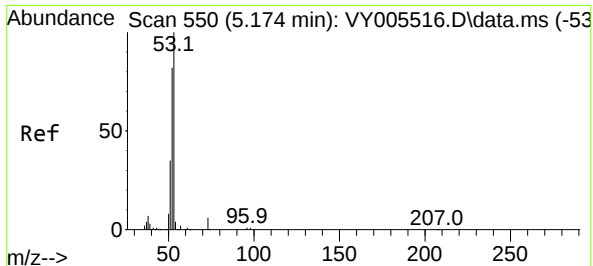
Tgt Ion:168 Resp: 134991
Ion Ratio Lower Upper
168 100
99 51.7 38.9 58.3



#11
Tert butyl alcohol
Concen: 8.040 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY005717.D
Acq: 17 Aug 2021 17:52

Tgt Ion: 59 Resp: 1086
Ion Ratio Lower Upper
59 100
57 3.7 8.0 12.0#





#15

Acrylonitrile

Concen: 1.313 ug/l

RT: 5.192 min Scan# 553

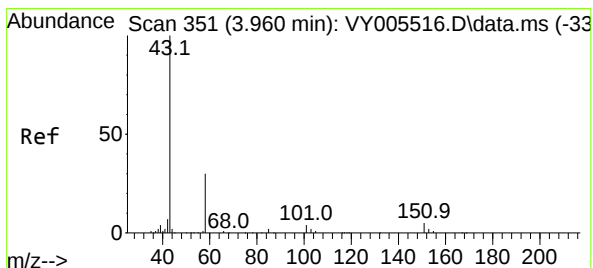
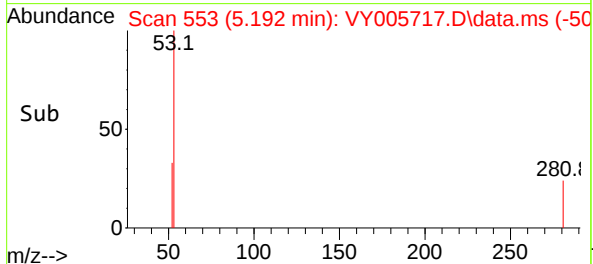
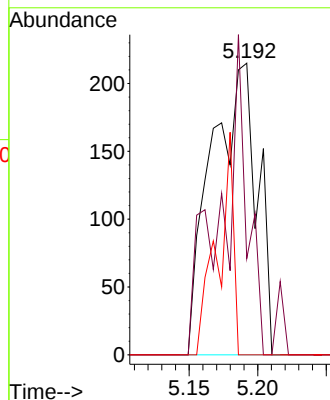
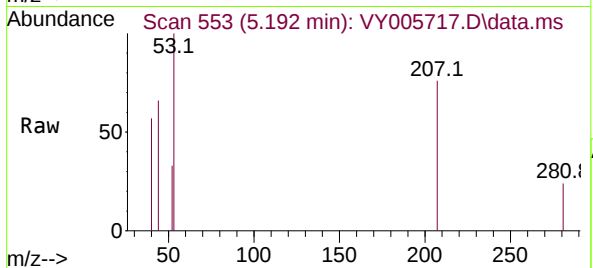
Delta R.T. 0.018 min

Lab File: VY005717.D

Acq: 17 Aug 2021 17:52

Tgt Ion: 53	Resp: 499
Ion Ratio	Lower Upper
53	100
52	43.5 66.6 99.8#
51	26.1 29.9 44.9#

Instrument :
MSVOA_Y
ClientSampleId :



#16

Acetone

Concen: 4.342 ug/l

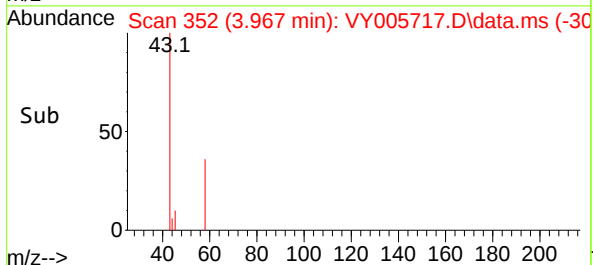
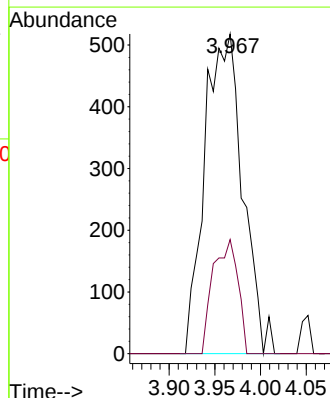
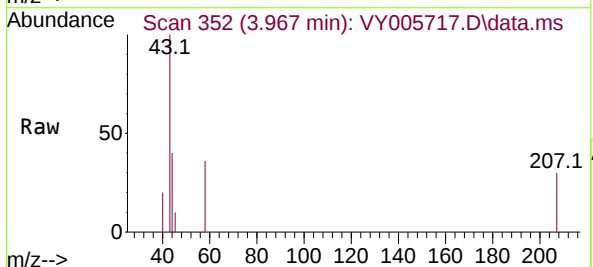
RT: 3.967 min Scan# 352

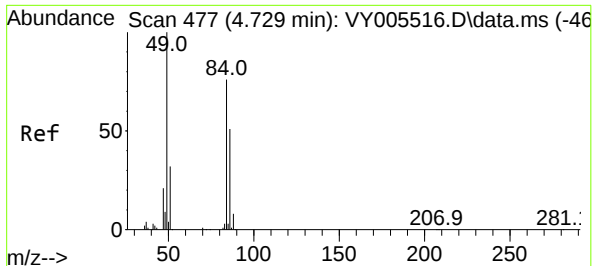
Delta R.T. 0.006 min

Lab File: VY005717.D

Acq: 17 Aug 2021 17:52

Tgt Ion: 43	Resp: 1496
Ion Ratio	Lower Upper
43	100
58	35.7 23.8 35.6#

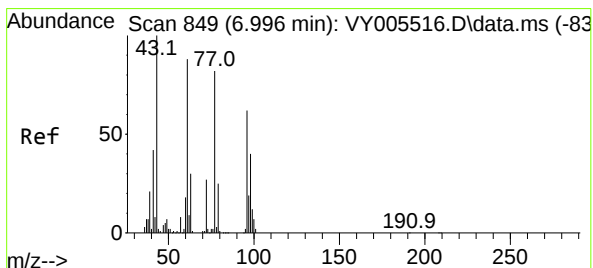
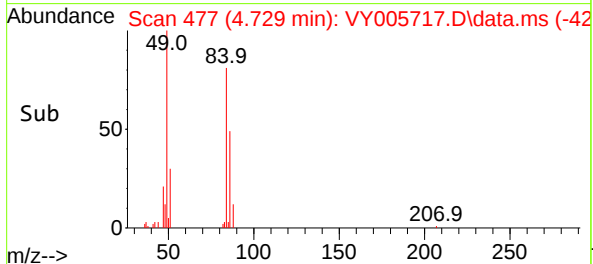
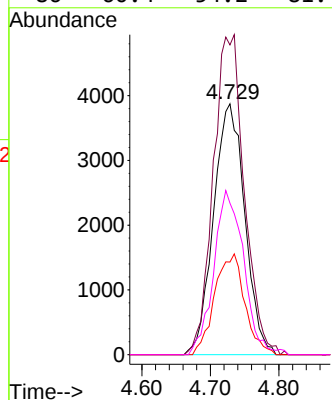
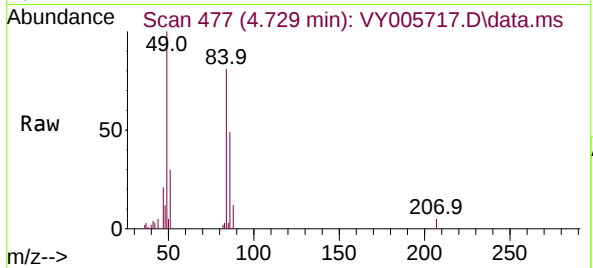




#20
Methylene Chloride
Concen: 3.311 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005717.D
Acq: 17 Aug 2021 17:52

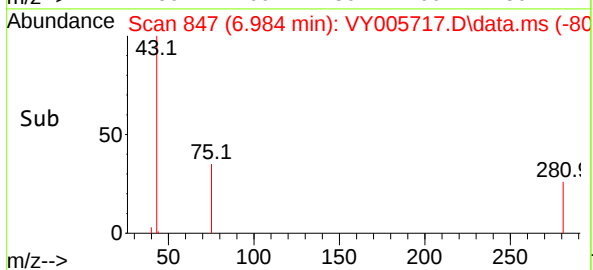
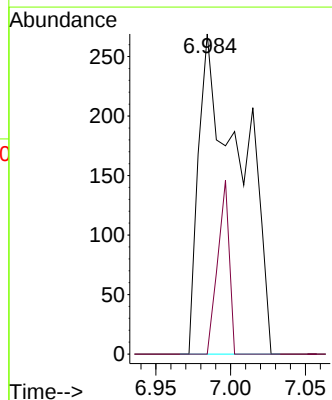
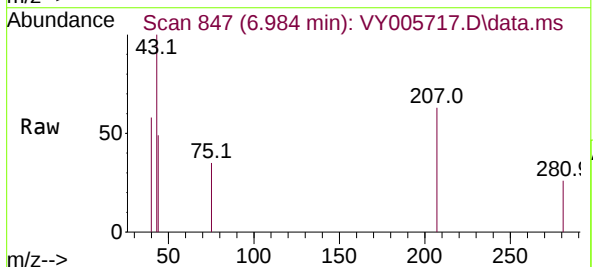
Instrument :
MSVOA_Y
ClientSampleId :

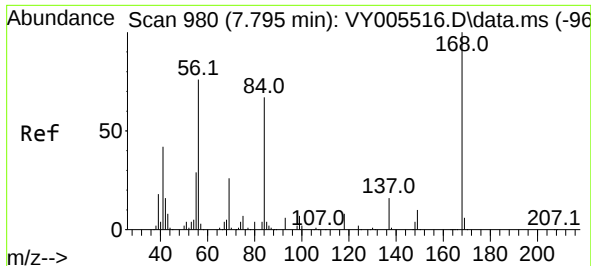
Tgt Ion:	84	Resp:	12255
Ion	Ratio	Lower	Upper
84	100		
49	123.5	105.8	158.6
51	36.9	33.4	50.2
86	60.4	54.2	81.4



#25
2-Butanone
Concen: 1.033 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY005717.D
Acq: 17 Aug 2021 17:52

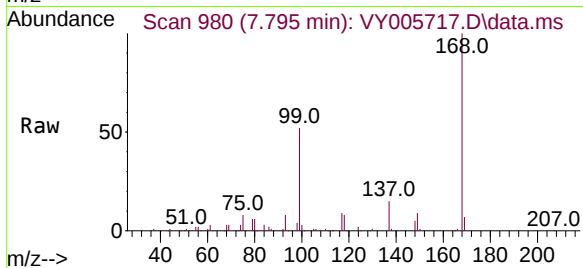
Tgt Ion:	43	Resp:	526
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.4	32.2#



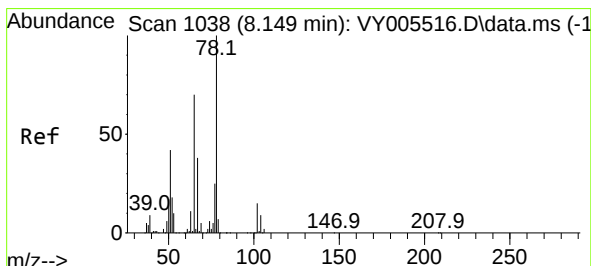
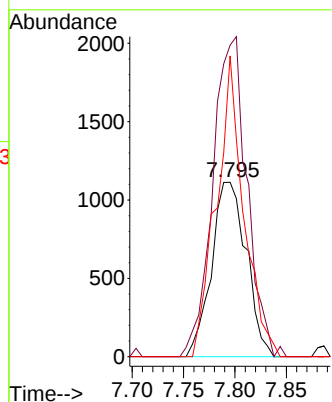
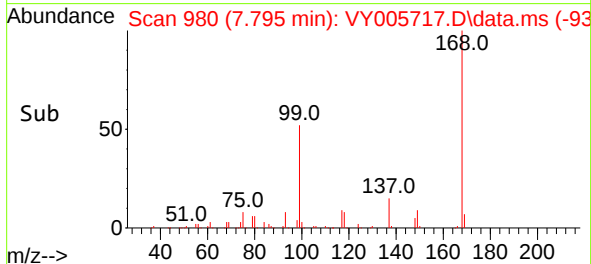


#31
Cyclohexane
Concen: 1.117 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005717.D
Acq: 17 Aug 2021 17:52

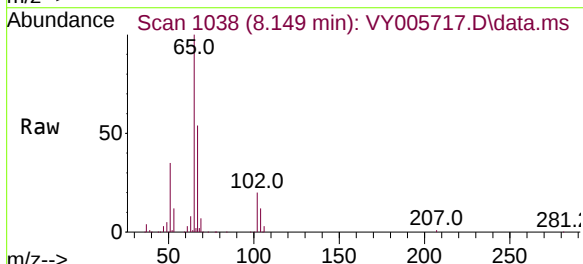
Instrument :
MSVOA_Y
ClientSampled :



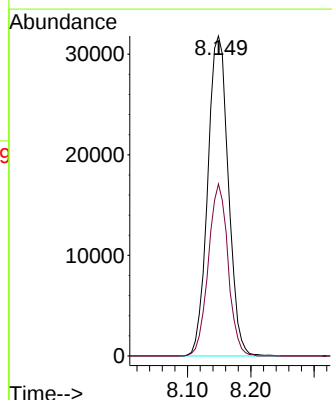
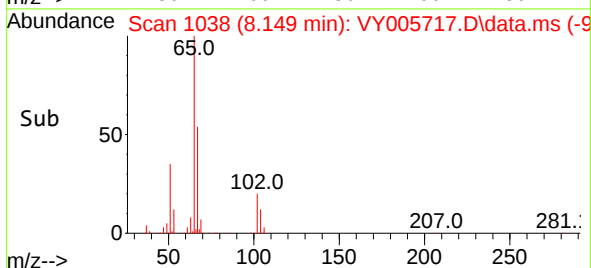
Tgt Ion: 56 Resp: 2619
Ion Ratio Lower Upper
56 100
69 178.6 27.7 41.5#
84 172.5 70.9 106.3#

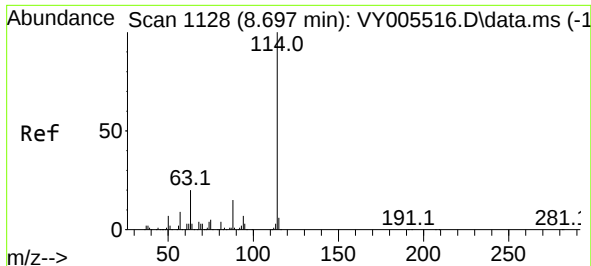


#33
1,2-Dichloroethane-d4
Concen: 52.678 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005717.D
Acq: 17 Aug 2021 17:52



Tgt Ion: 65 Resp: 71982
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

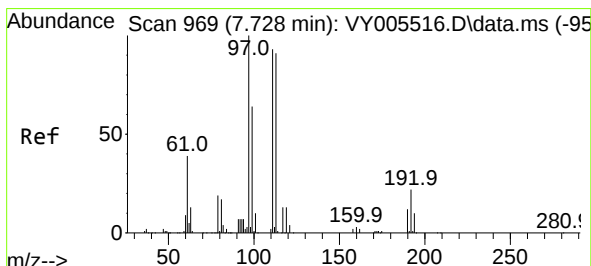
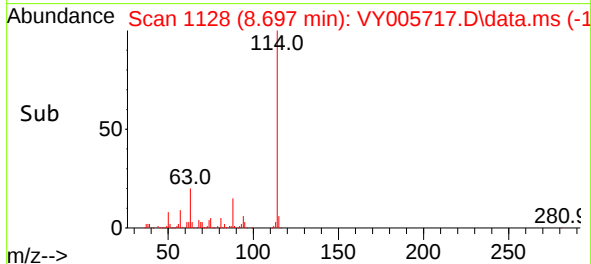
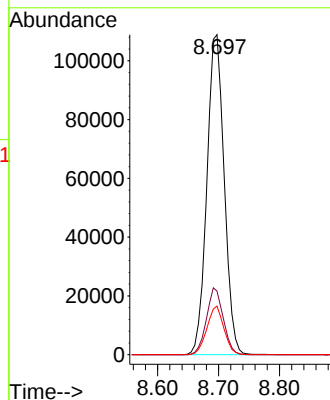
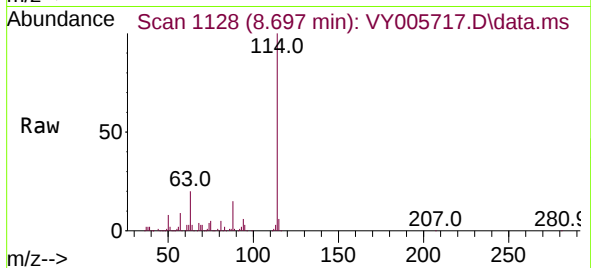
RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY005717.D

Acq: 17 Aug 2021 17:52

Tgt Ion:	114	Resp:	215396
Ion Ratio	Lower	Upper	
114	100		
63	19.9	0.0	39.2
88	15.2	0.0	30.8



#35

Dibromofluoromethane

Concen: 51.488 ug/l

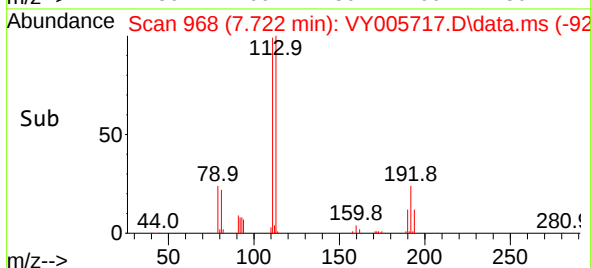
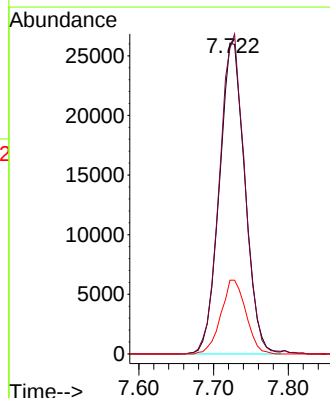
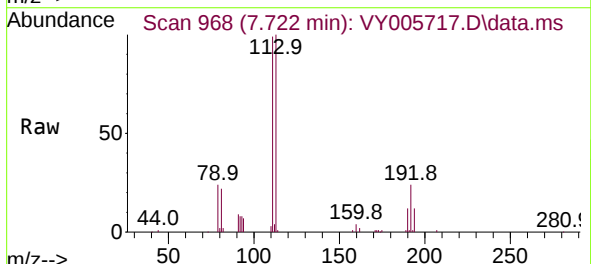
RT: 7.722 min Scan# 968

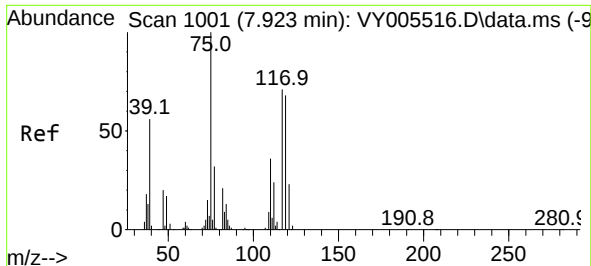
Delta R.T. -0.006 min

Lab File: VY005717.D

Acq: 17 Aug 2021 17:52

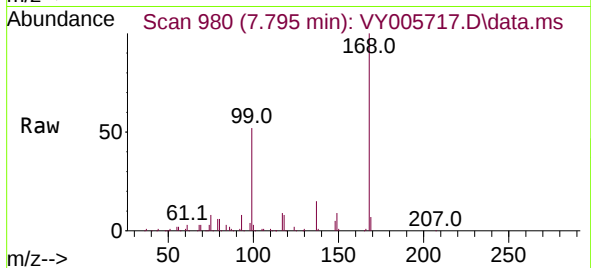
Tgt Ion:	113	Resp:	62092
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.9	122.9
192	23.1	19.2	28.8



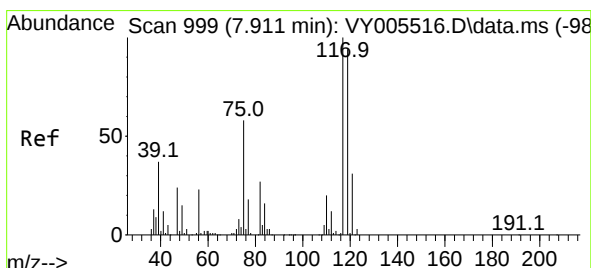
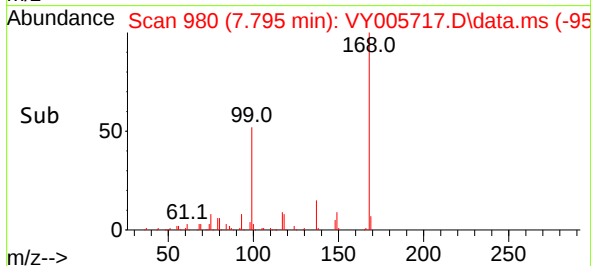
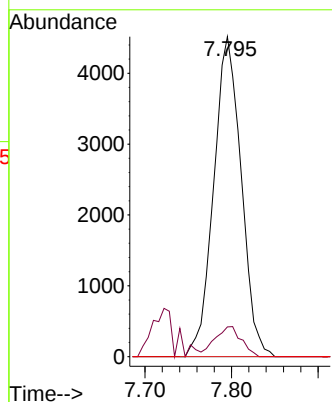


#36
 1,1-Dichloropropene
 Concen: 4.930 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY005717.D
 Acq: 17 Aug 2021 17:52

Instrument :
 MSVOA_Y
 ClientSampled :

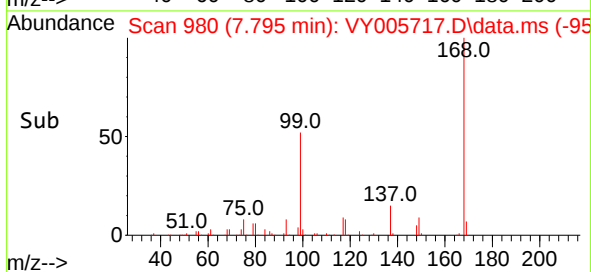
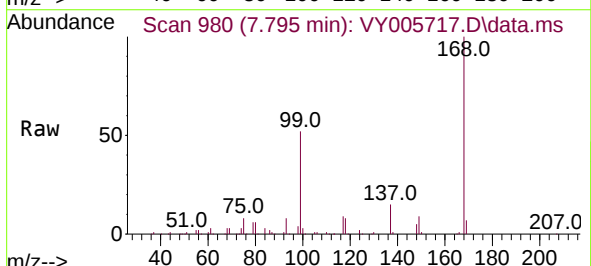
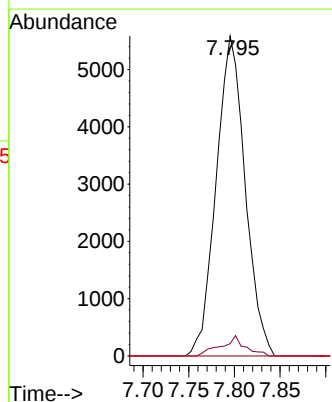


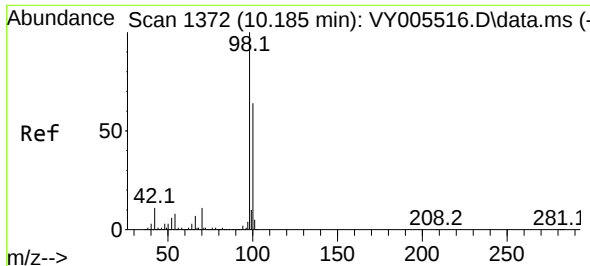
Tgt Ion:	75	Resp:	9960
Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.1	54.1#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 5.603 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY005717.D
 Acq: 17 Aug 2021 17:52

Tgt Ion:	117	Resp:	12303
Ion	Ratio	Lower	Upper
117	100		
119	3.8	75.4	113.0#
121	0.0	25.1	37.7#

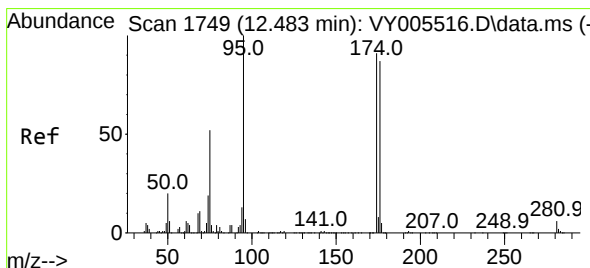
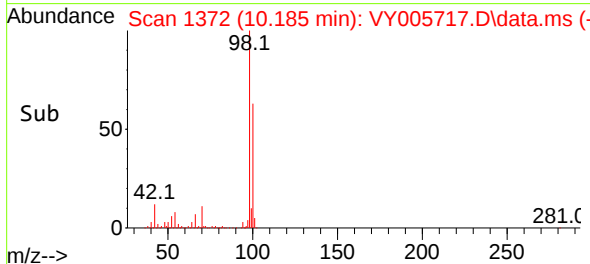
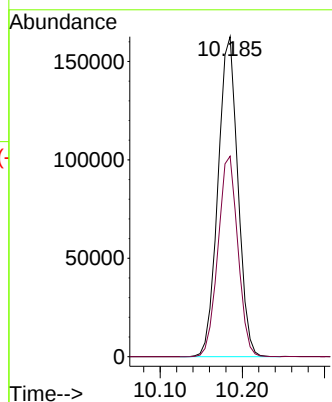
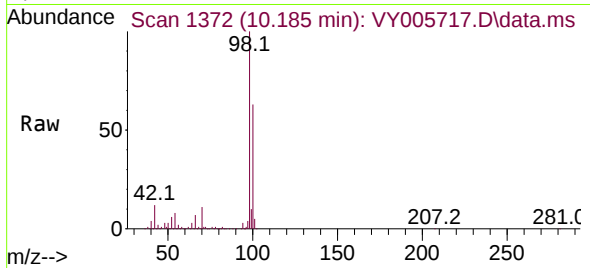




#50
Toluene-d8
Concen: 53.987 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005717.D
Acq: 17 Aug 2021 17:52

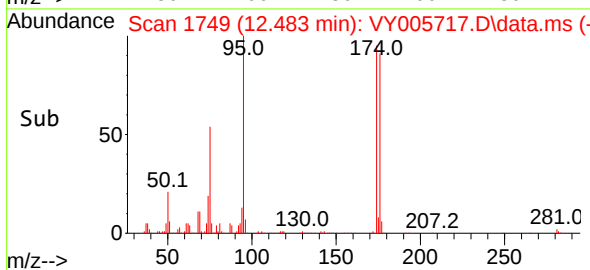
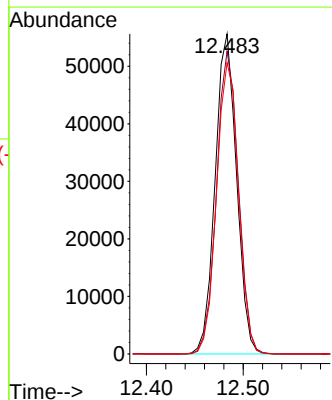
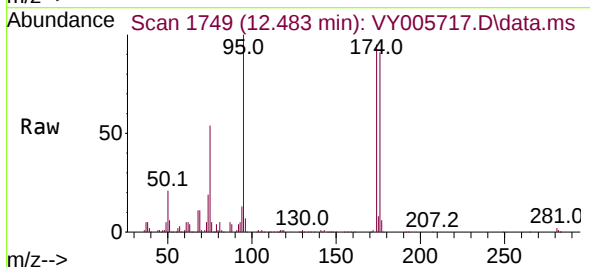
Instrument :
MSVOA_Y
ClientSampleId :

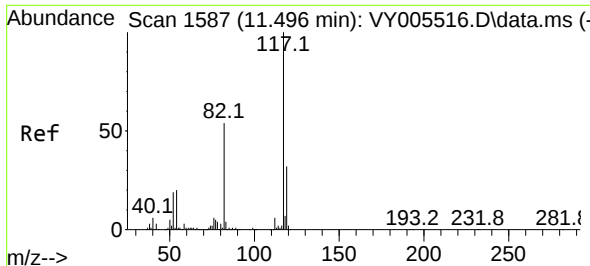
Tgt Ion: 98 Resp: 273048
Ion Ratio Lower Upper
98 100
100 62.6 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 51.060 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005717.D
Acq: 17 Aug 2021 17:52

Tgt Ion: 95 Resp: 85518
Ion Ratio Lower Upper
95 100
174 96.3 0.0 191.4
176 93.4 0.0 183.6

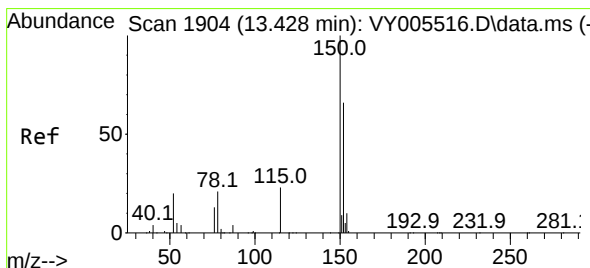
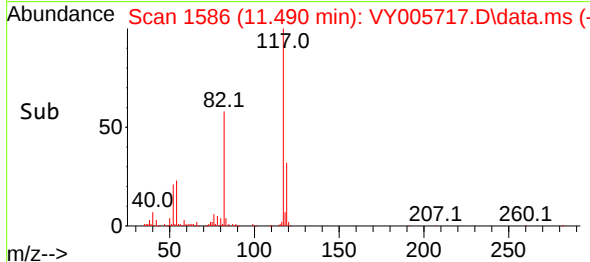
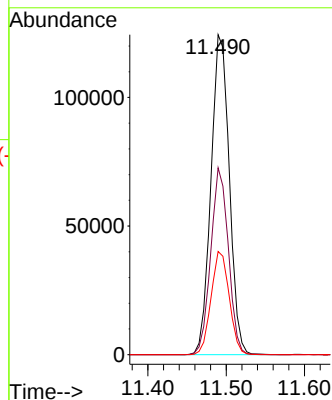
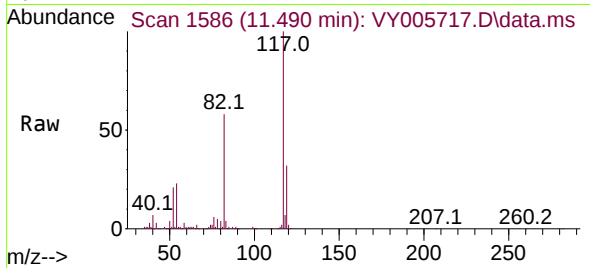




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005717.D
Acq: 17 Aug 2021 17:52

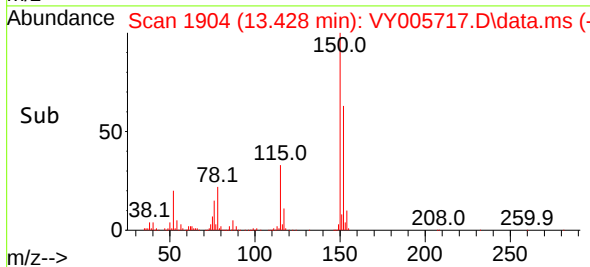
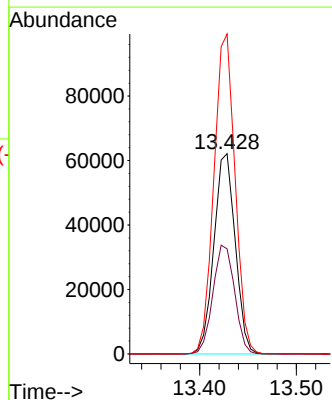
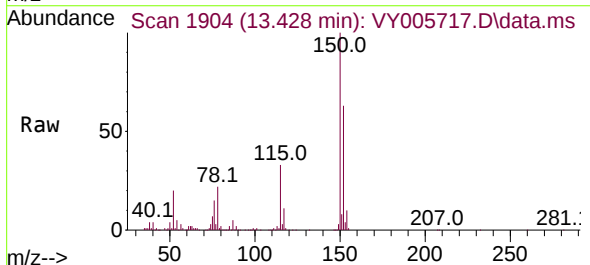
Instrument :
MSVOA_Y
ClientSampleId :

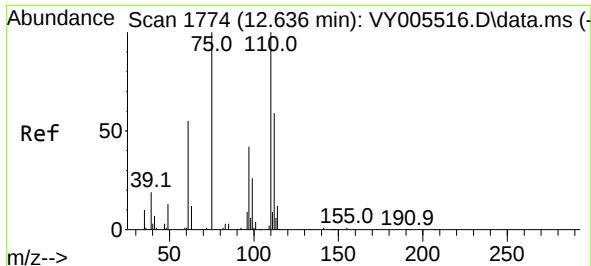
Tgt Ion:117 Resp: 202050
Ion Ratio Lower Upper
117 100
82 58.4 43.5 65.3
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005717.D
Acq: 17 Aug 2021 17:52

Tgt Ion:152 Resp: 95035
Ion Ratio Lower Upper
152 100
115 55.3 27.3 81.9
150 158.2 0.0 350.2

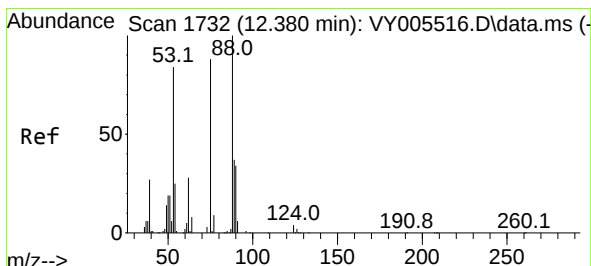
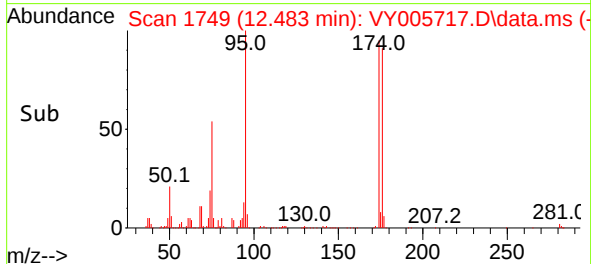
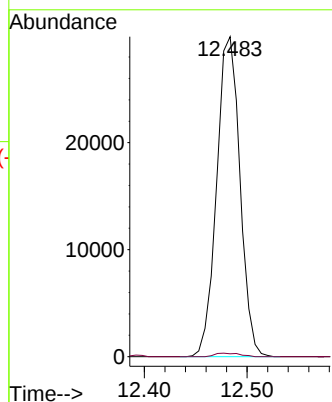
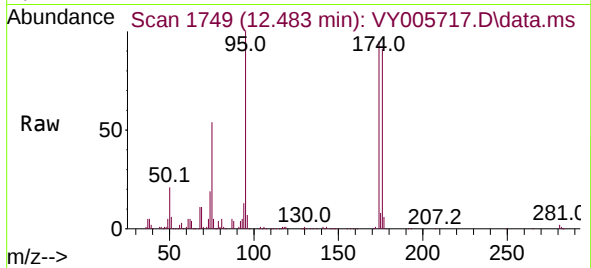




#76
1,2,3-Trichloropropane
Concen: 47.767 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005717.D
Acq: 17 Aug 2021 17:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 47043
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.293 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005717.D
Acq: 17 Aug 2021 17:52

Tgt Ion: 75 Resp: 47043
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.1 38.4 57.6#

