

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081221\
 Data File : VY005610.D
 Acq On : 12 Aug 2021 10:23
 Operator : SY/MD
 Sample : VY0812SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 13 04:18:44 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	239333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	356771	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	318922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	163457	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	131437	54.253	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.500%
35) Dibromofluoromethane	7.722	113	106562	53.348	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.700%
50) Toluene-d8	10.185	98	422034	50.378	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.760%
62) 4-Bromofluorobenzene	12.483	95	138109	49.785	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.560%

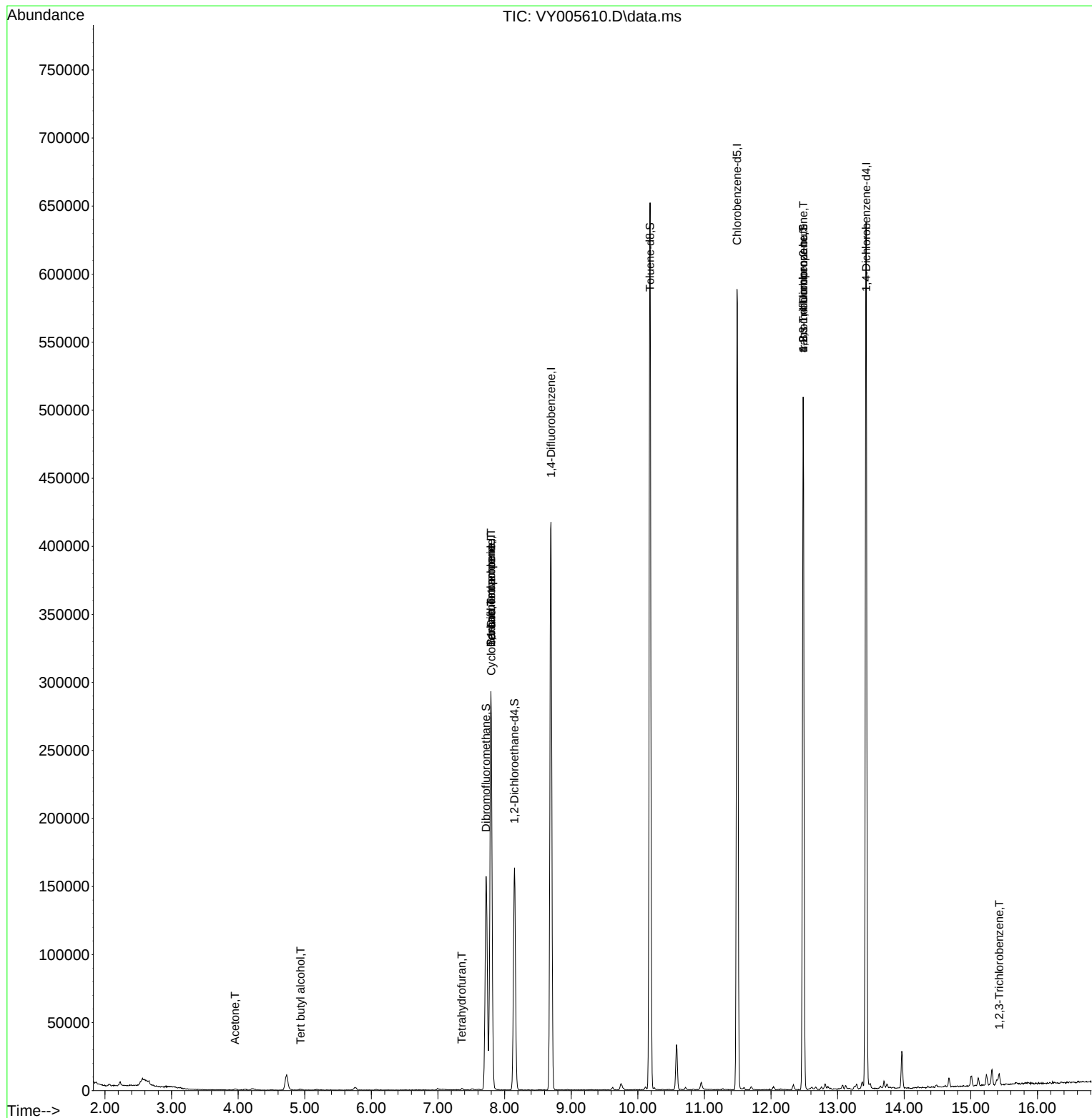
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.936	59	432	1.804	ug/l #	73
16) Acetone	3.954	43	1437	2.353	ug/l #	70
20) Methylene Chloride	4.734	84	8100	Below Cal		87
29) Tetrahydrofuran	7.356	42	766	1.283	ug/l #	89
31) Cyclohexane	7.801	56	4686	1.128	ug/l #	6
36) 1,1-Dichloropropene	7.795	75	16926	5.058	ug/l #	50
38) Carbon Tetrachloride	7.795	117	21632	5.948	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	75562	44.609	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	75562	89.925	ug/l #	11
96) 1,2,3-Trichlorobenzene	15.428	180	3211	1.092	ug/l	91

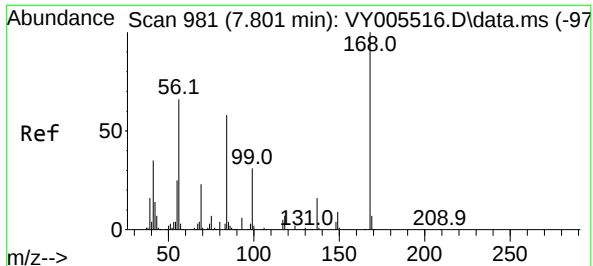
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081221\
Data File : VY005610.D
Acq On : 12 Aug 2021 10:23
Operator : SY/MD
Sample : VY0812SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Aug 13 04:18:44 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

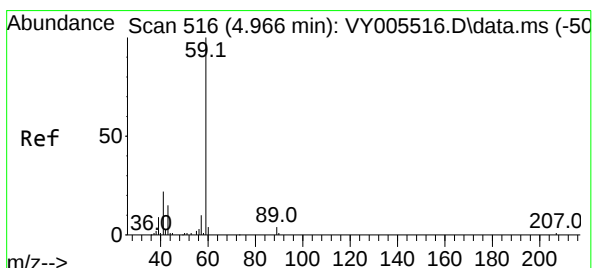
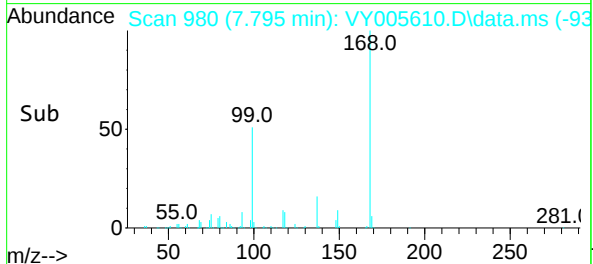
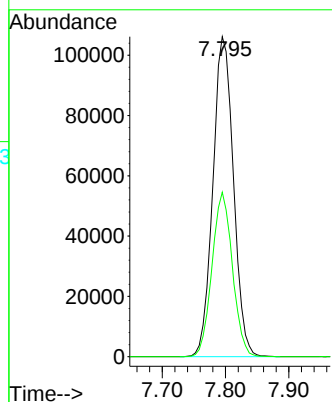
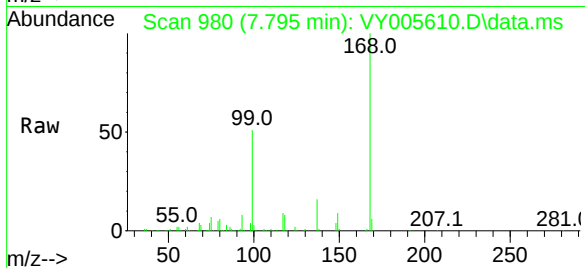




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005610.D
Acq: 12 Aug 2021 10:23

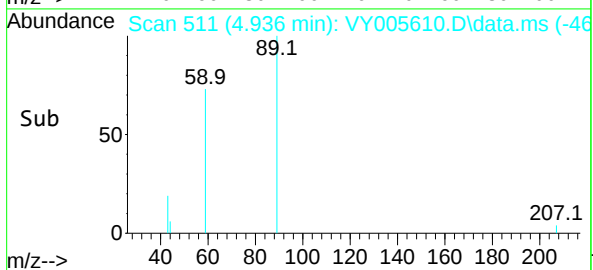
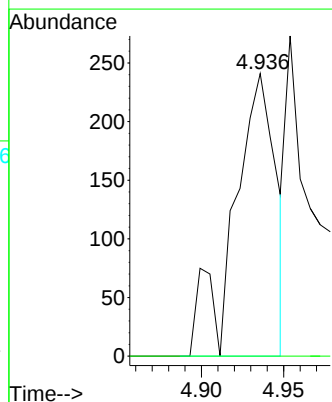
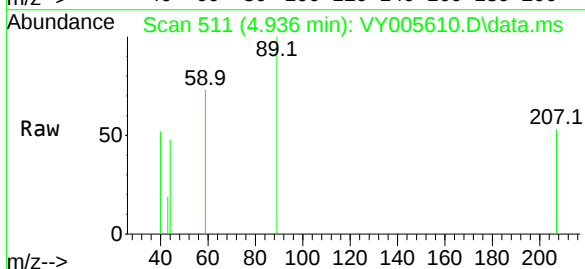
Instrument :
MSVOA_Y
ClientSampled :

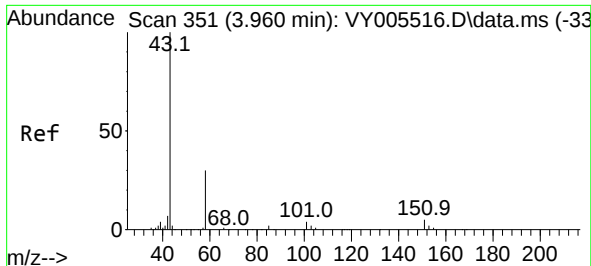
Tgt Ion:168 Resp: 239333
Ion Ratio Lower Upper
168 100
99 51.4 38.9 58.3



#11
Tert butyl alcohol
Concen: 1.804 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.031 min
Lab File: VY005610.D
Acq: 12 Aug 2021 10:23

Tgt Ion: 59 Resp: 432
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

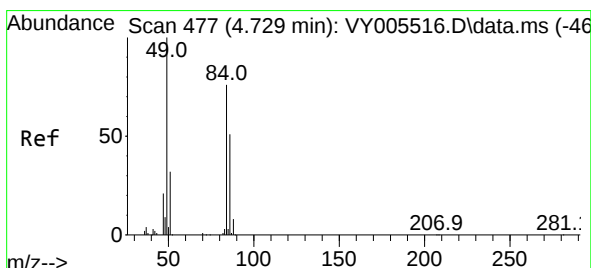
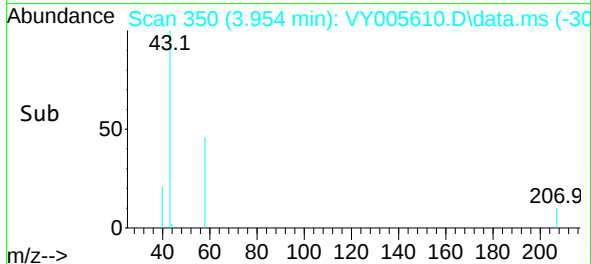
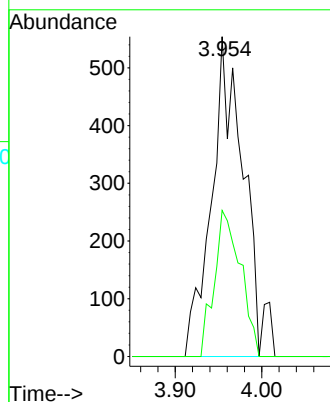
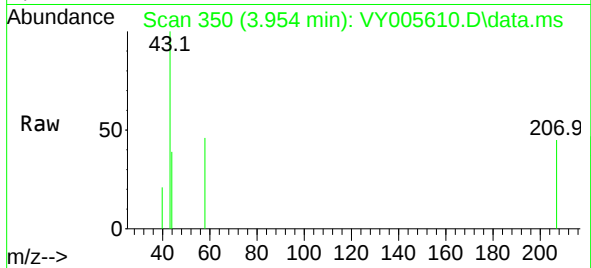




#16
Acetone
Concen: 2.353 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005610.D
Acq: 12 Aug 2021 10:23

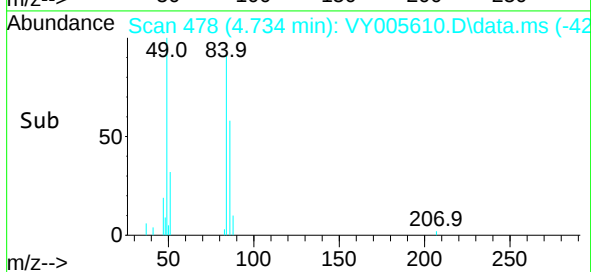
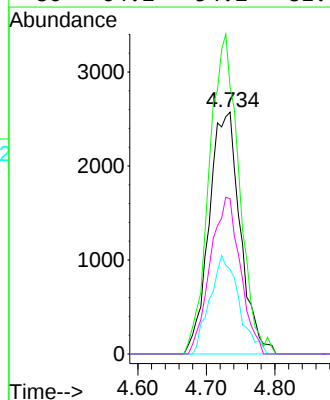
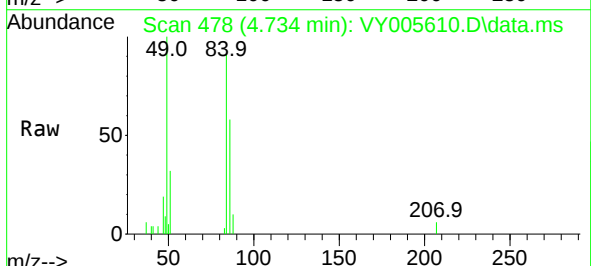
Instrument :
MSVOA_Y
ClientSampled :

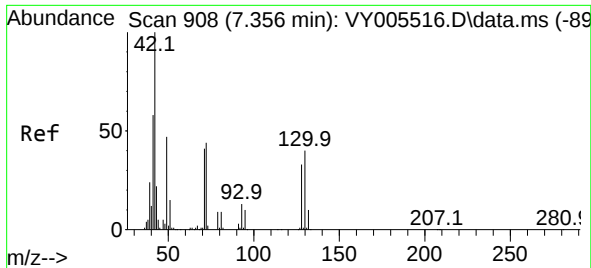
Tgt Ion: 43 Resp: 1437
Ion Ratio Lower Upper
43 100
58 45.7 23.8 35.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY005610.D
Acq: 12 Aug 2021 10:23

Tgt Ion: 84 Resp: 8100
Ion Ratio Lower Upper
84 100
49 110.3 105.8 158.6
51 35.0 33.4 50.2
86 64.2 54.2 81.4





#29

Tetrahydrofuran

Concen: 1.283 ug/l

RT: 7.356 min Scan# 908

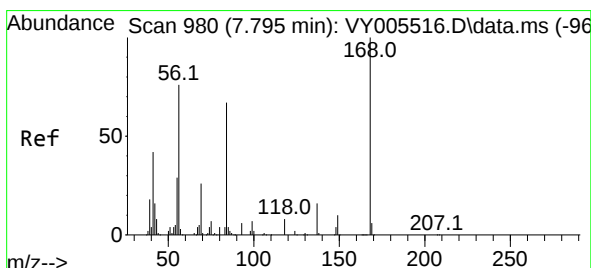
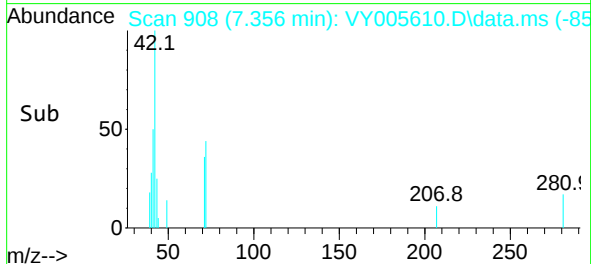
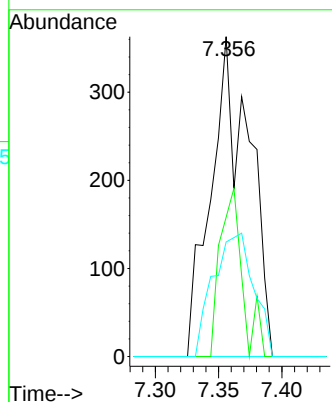
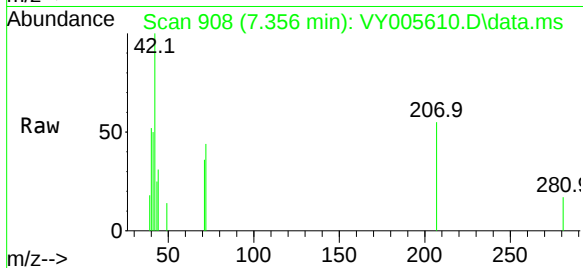
Delta R.T. -0.000 min

Lab File: VY005610.D

Acq: 12 Aug 2021 10:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	42	Resp:	766
Ion	Ratio	Lower	Upper
42	100		
72	30.4	35.0	52.4#
71	40.7	33.3	49.9



#31

Cyclohexane

Concen: 1.128 ug/l

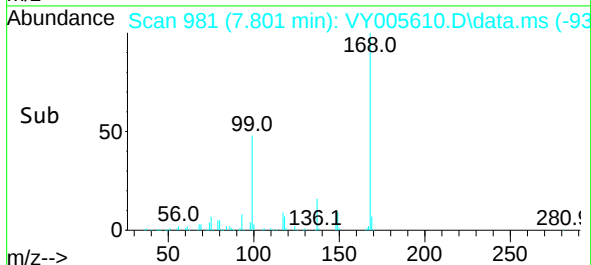
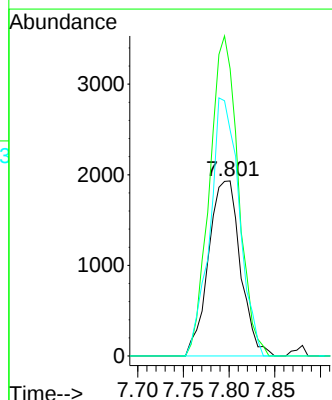
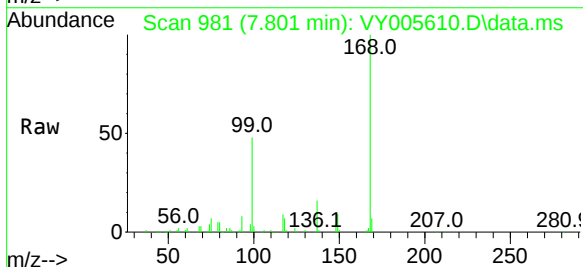
RT: 7.801 min Scan# 981

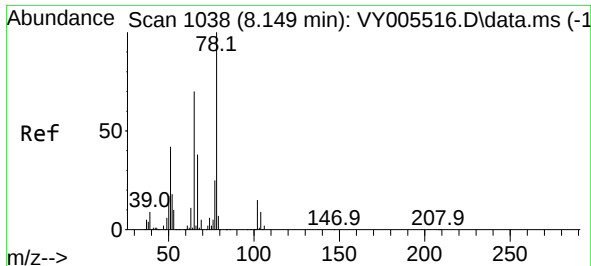
Delta R.T. 0.006 min

Lab File: VY005610.D

Acq: 12 Aug 2021 10:23

Tgt Ion:	56	Resp:	4686
Ion	Ratio	Lower	Upper
56	100		
69	164.1	27.7	41.5#
84	129.0	70.9	106.3#

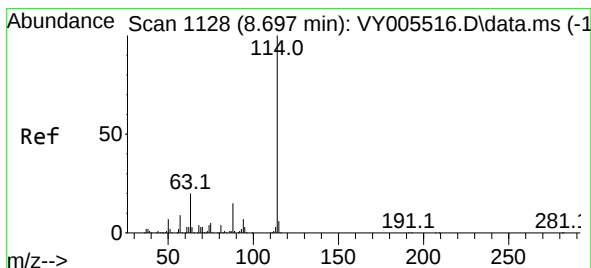
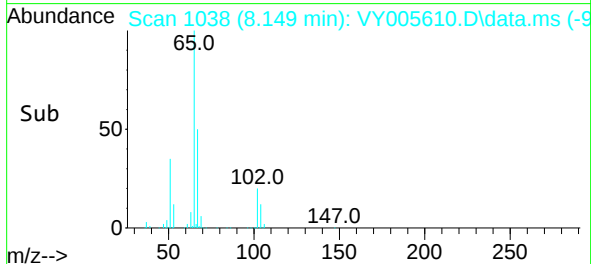
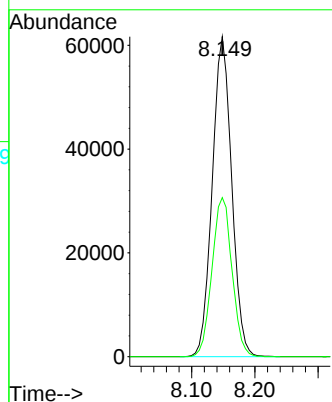
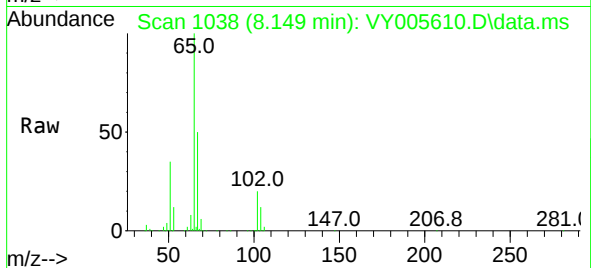




#33
1,2-Dichloroethane-d4
Concen: 54.253 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005610.D
Acq: 12 Aug 2021 10:23

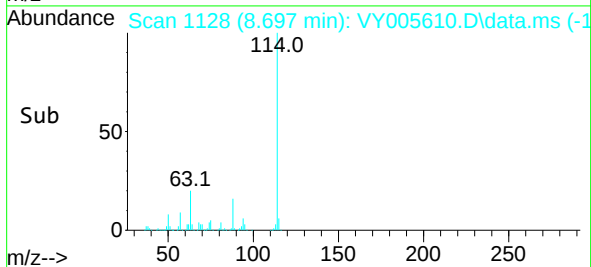
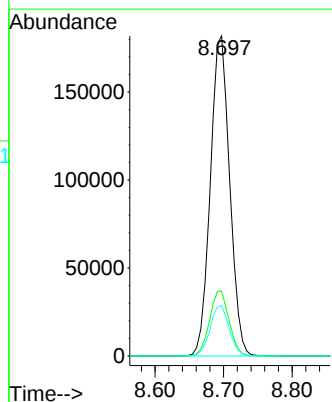
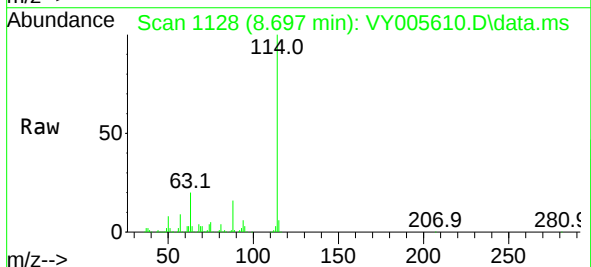
Instrument :
MSVOA_Y
ClientSampled :

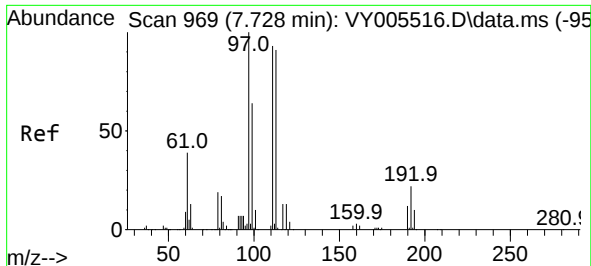
Tgt Ion: 65 Resp: 131437
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005610.D
Acq: 12 Aug 2021 10:23

Tgt Ion: 114 Resp: 356771
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.2
88 15.6 0.0 30.8

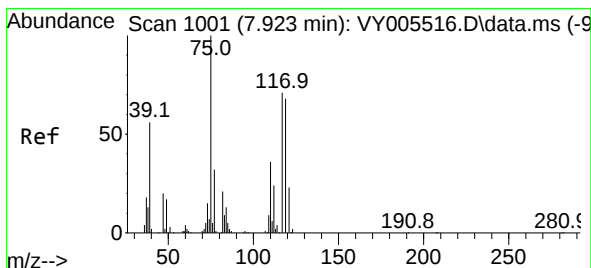
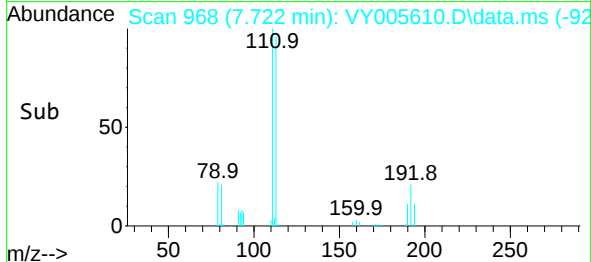
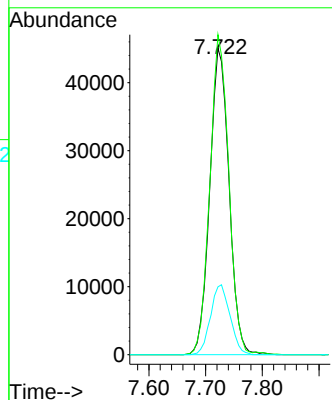
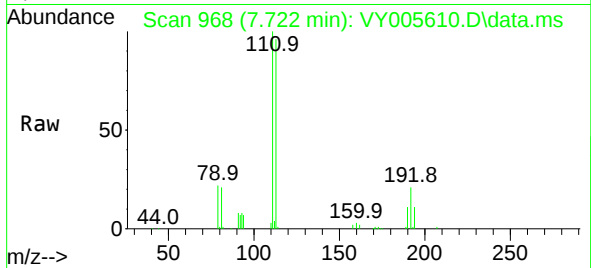




#35
Dibromofluoromethane
Concen: 53.348 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005610.D
Acq: 12 Aug 2021 10:23

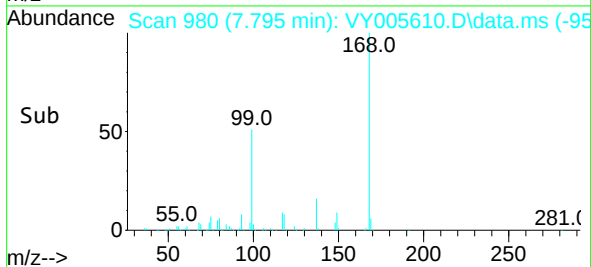
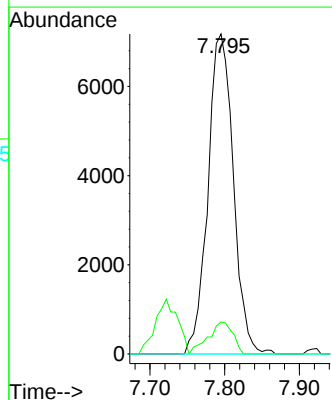
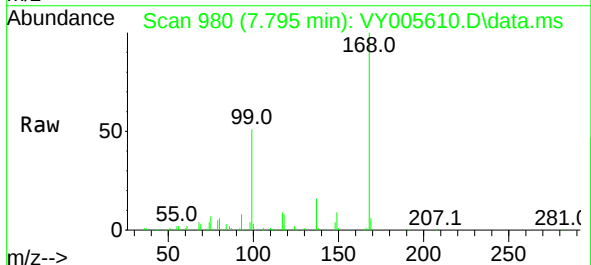
Instrument :
MSVOA_Y
ClientSampleId :

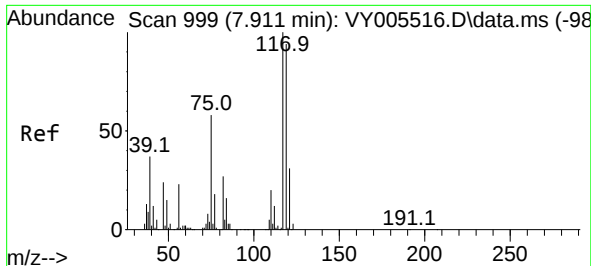
Tgt Ion:113 Resp: 106562
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 23.0 19.2 28.8



#36
1,1-Dichloropropene
Concen: 5.058 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005610.D
Acq: 12 Aug 2021 10:23

Tgt Ion: 75 Resp: 16926
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.1#
77 0.0 25.1 37.7#

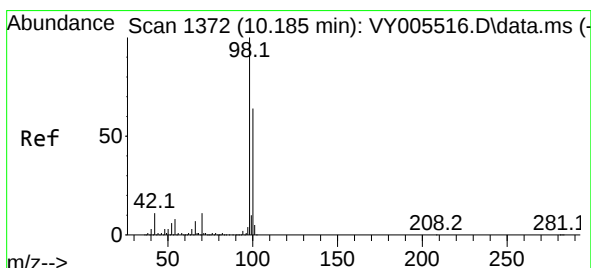
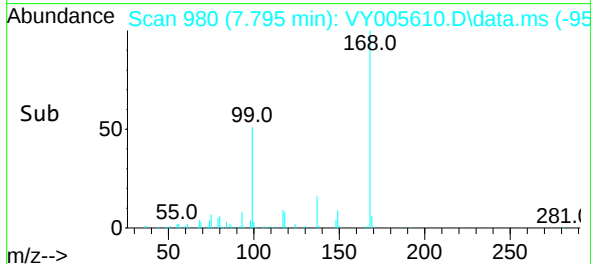
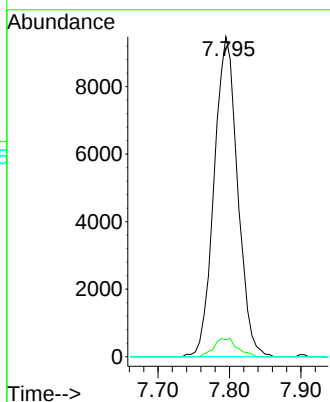
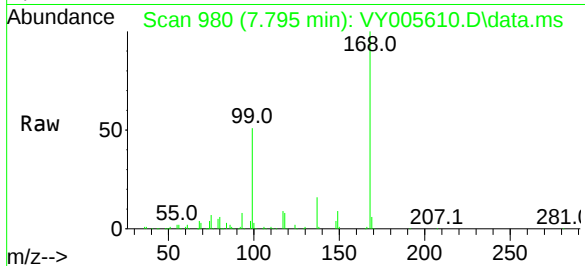




#38
Carbon Tetrachloride
Concen: 5.948 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005610.D
Acq: 12 Aug 2021 10:23

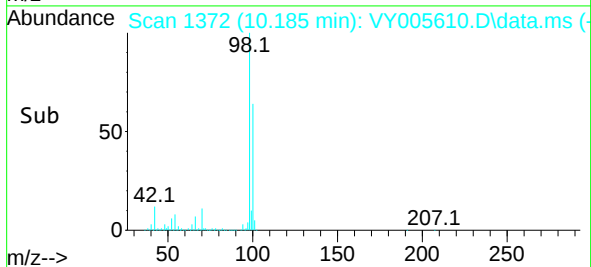
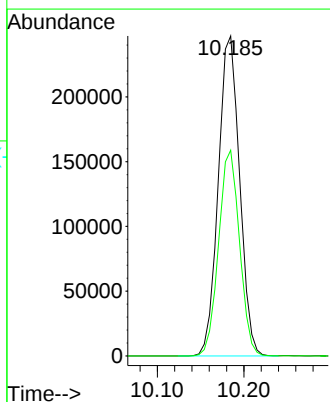
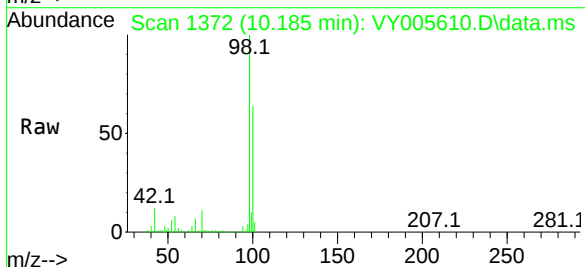
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MSVOA_Y
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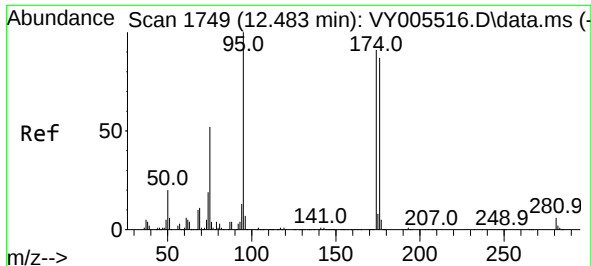
Tgt Ion:117 Resp: 21632
Ion Ratio Lower Upper
117 100
119 5.3 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 50.378 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005610.D
Acq: 12 Aug 2021 10:23

Tgt Ion: 98 Resp: 422034
Ion Ratio Lower Upper
98 100
100 63.0 51.3 76.9

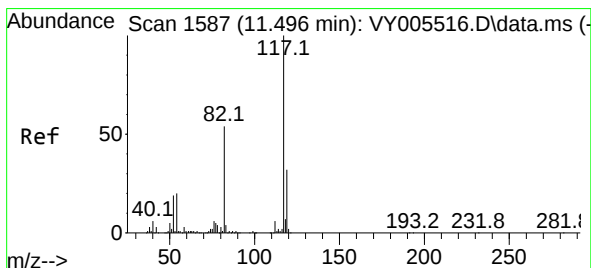
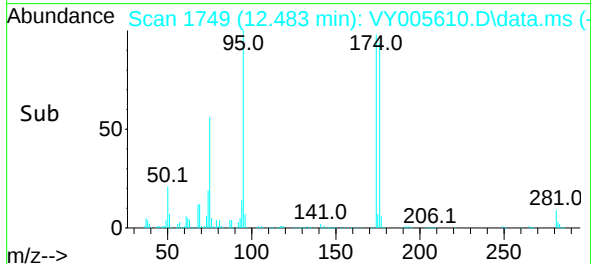
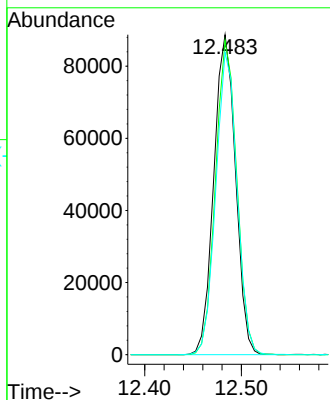
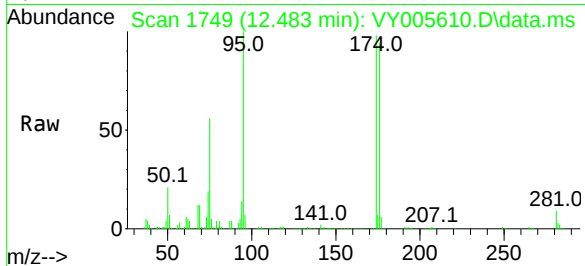




#62
4-Bromofluorobenzene
Concen: 49.785 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005610.D
Acq: 12 Aug 2021 10:23

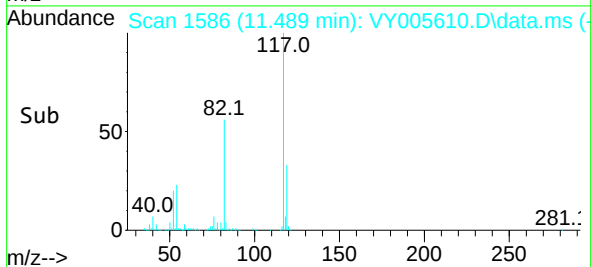
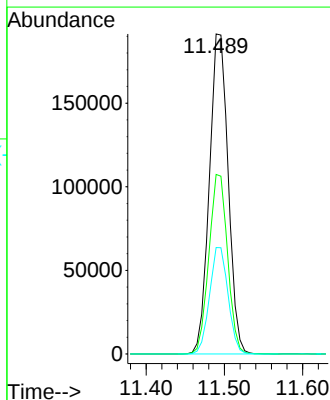
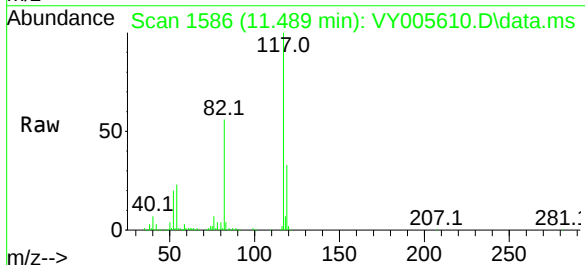
Instrument :
MSVOA_Y
ClientSampleId :

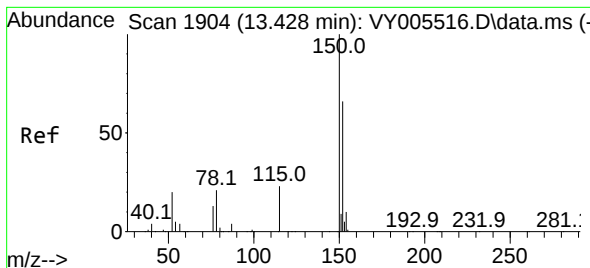
Tgt Ion: 95 Resp: 138109
Ion Ratio Lower Upper
95 100
174 96.1 0.0 191.4
176 92.5 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005610.D
Acq: 12 Aug 2021 10:23

Tgt Ion: 117 Resp: 318922
Ion Ratio Lower Upper
117 100
82 56.1 43.5 65.3
119 33.2 25.5 38.3

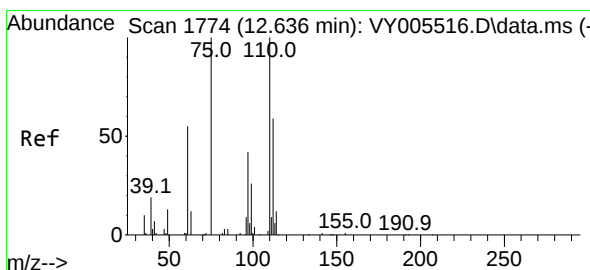
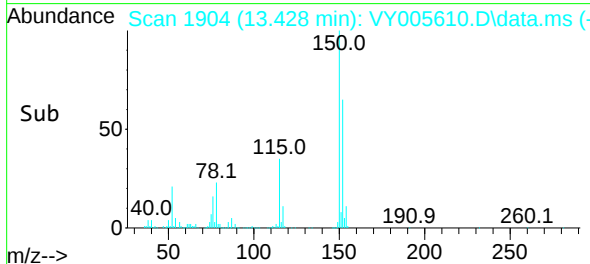
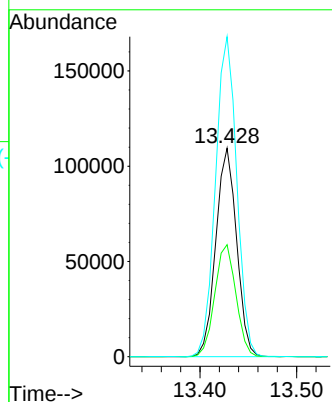
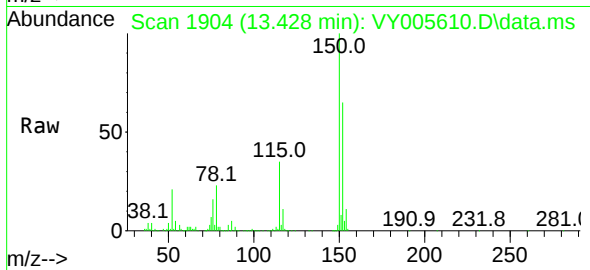




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005610.D
Acq: 12 Aug 2021 10:23

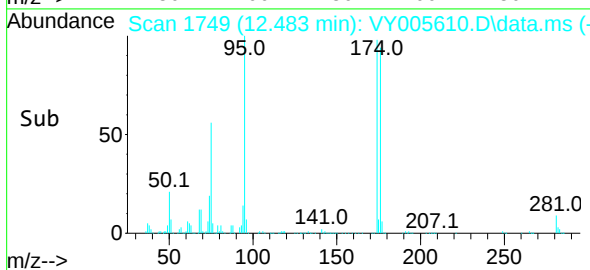
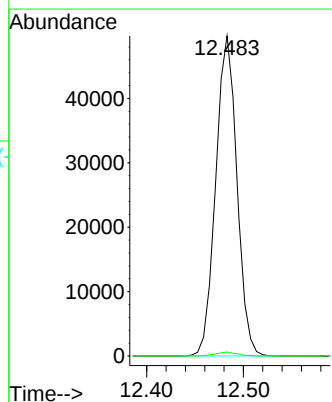
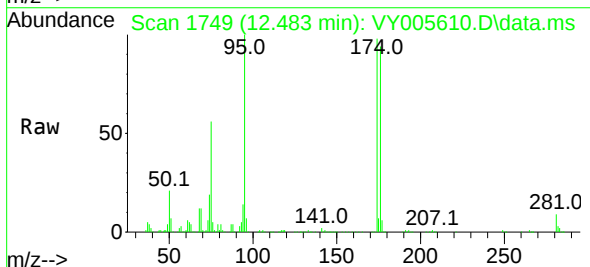
Instrument :
MSVOA_Y
ClientSampleId :

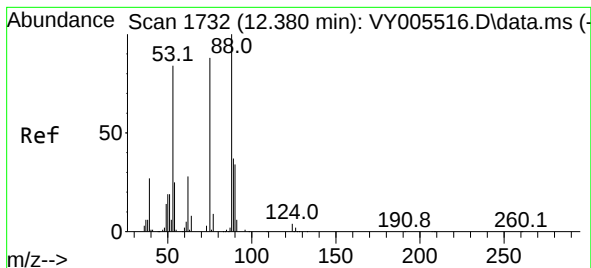
Tgt Ion:152 Resp: 163457
Ion Ratio Lower Upper
152 100
115 54.7 27.3 81.9
150 156.9 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 44.609 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005610.D
Acq: 12 Aug 2021 10:23

Tgt Ion: 75 Resp: 75562
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

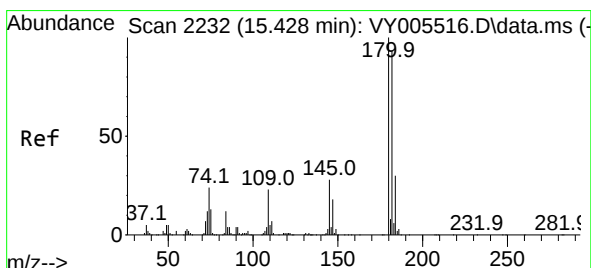
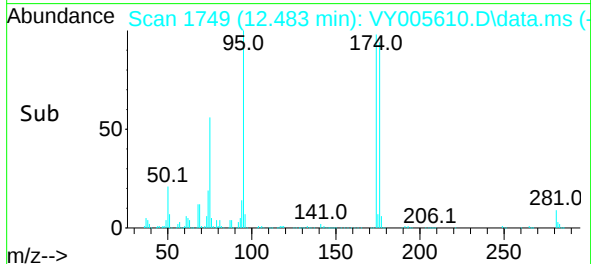
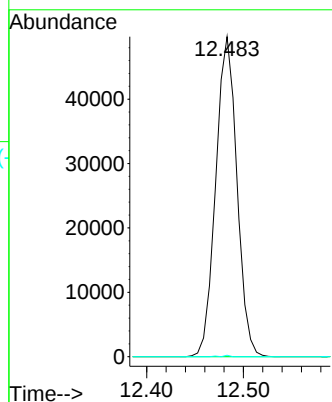
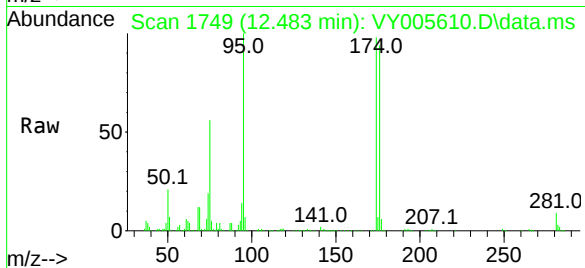




#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.925 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005610.D
 Acq: 12 Aug 2021 10:23

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 75562
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.2 38.4 57.6#



#96
 1,2,3-Trichlorobenzene
 Concen: 1.092 ug/l
 RT: 15.428 min Scan# 2232
 Delta R.T. -0.000 min
 Lab File: VY005610.D
 Acq: 12 Aug 2021 10:23

Tgt Ion:180 Resp: 3211
 Ion Ratio Lower Upper
 180 100
 182 85.8 47.9 143.6
 145 27.2 14.6 44.0

