

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081721\
 Data File : VY005712.D
 Acq On : 17 Aug 2021 15:15
 Operator : SY/MD
 Sample : M3390-04
 Misc : 5.71G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 18 01:51:56 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	188838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	323383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	332170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	169379	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	119438	62.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.960%
35) Dibromofluoromethane	7.722	113	98476	54.390	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.780%
50) Toluene-d8	10.185	98	412320	54.301	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.600%
62) 4-Bromofluorobenzene	12.483	95	146204	58.144	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.280%

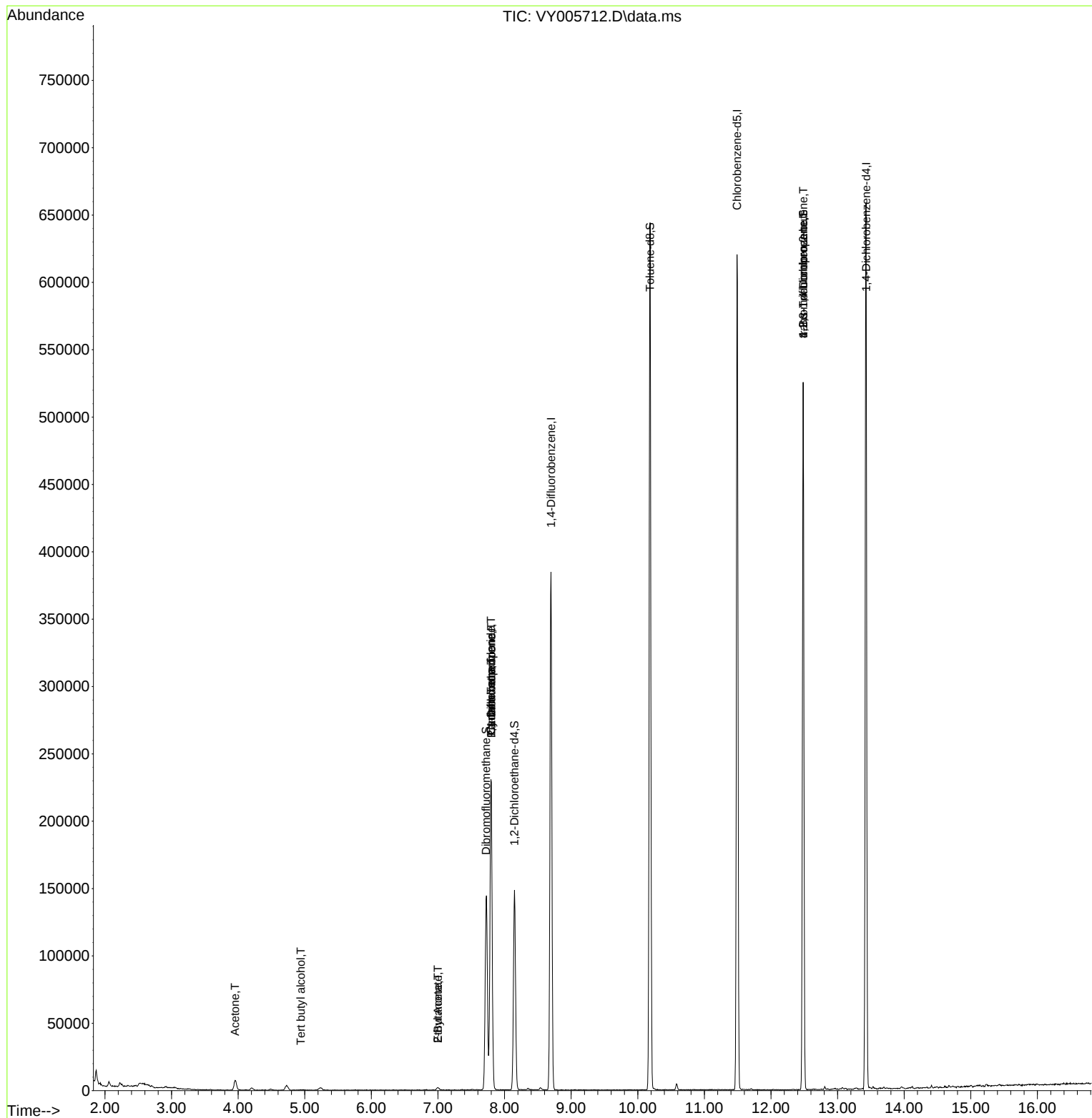
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.942	59	333	1.762	ug/l #	73
16) Acetone	3.954	43	12956	26.883	ug/l	98
20) Methylene Chloride	4.723	84	2454	Below Cal		97
25) 2-Butanone	6.996	43	3216	4.514	ug/l	99
31) Cyclohexane	7.795	56	3858	1.177	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	14076	4.641	ug/l #	49
37) Ethyl Acetate	6.996	43	3216	1.750	ug/l #	72
38) Carbon Tetrachloride	7.795	117	17735	5.380	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	81444	46.400	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	81444	93.537	ug/l #	11

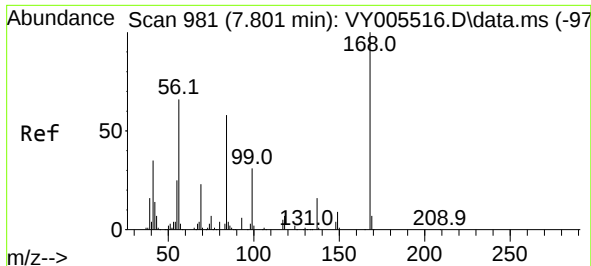
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 18 01:51:56 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

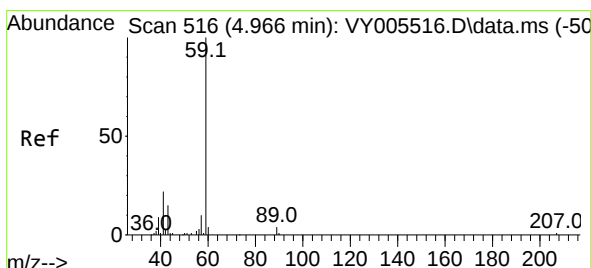
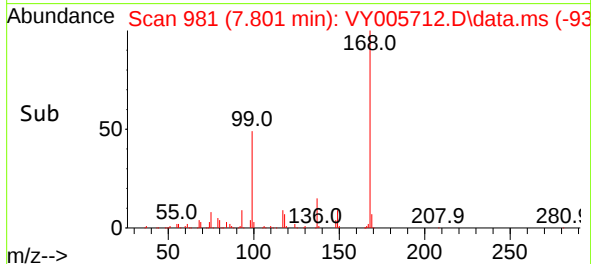
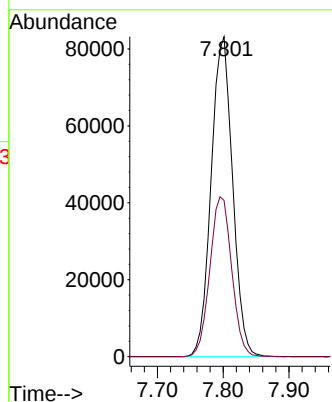
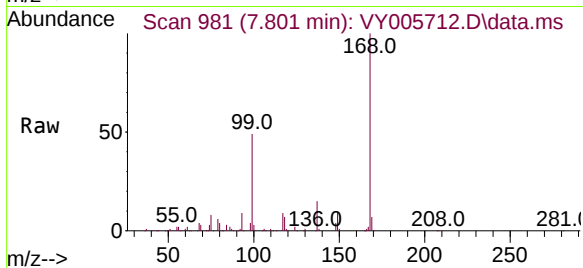




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005712.D
Acq: 17 Aug 2021 15:15

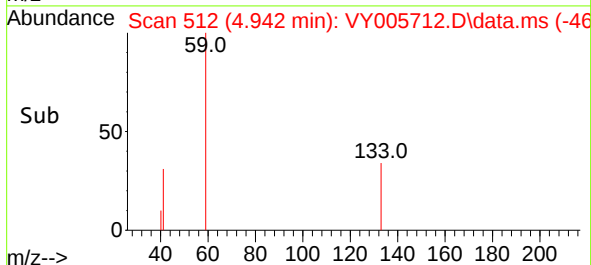
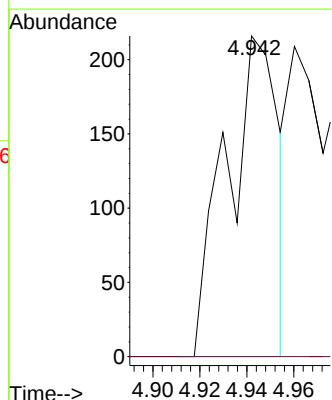
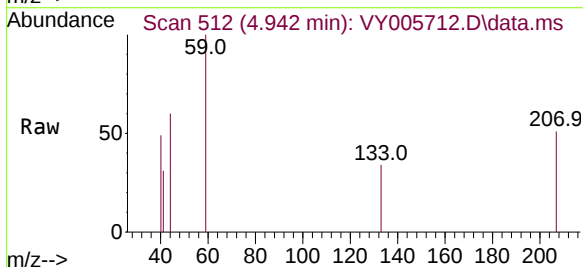
Instrument :
MSVOA_Y
ClientSampleId :

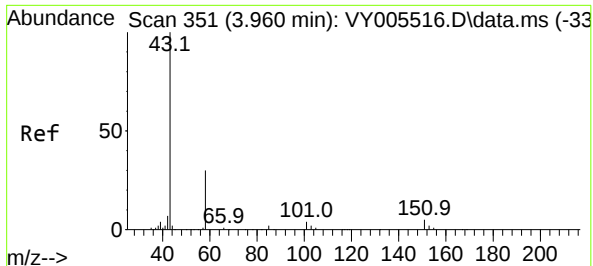
Tgt Ion:168 Resp: 188838
Ion Ratio Lower Upper
168 100
99 48.9 38.9 58.3



#11
Tert butyl alcohol
Concen: 1.762 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.024 min
Lab File: VY005712.D
Acq: 17 Aug 2021 15:15

Tgt Ion: 59 Resp: 333
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

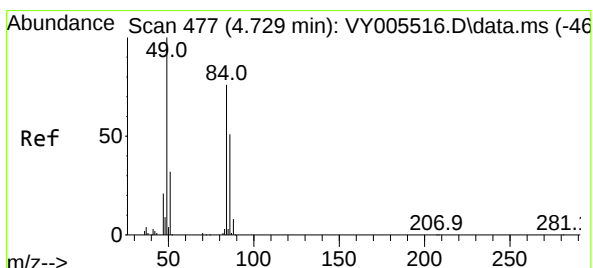
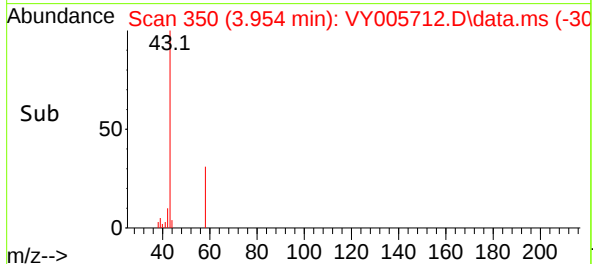
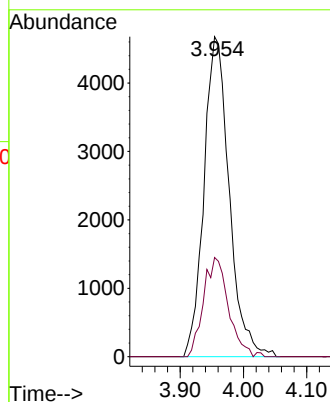
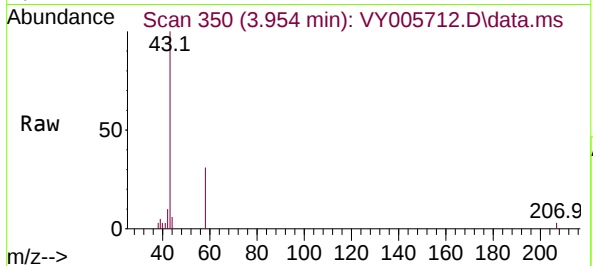




#16
Acetone
Concen: 26.883 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005712.D
Acq: 17 Aug 2021 15:15

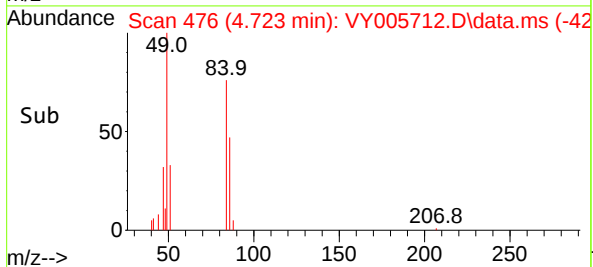
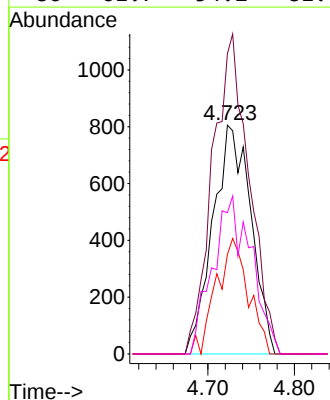
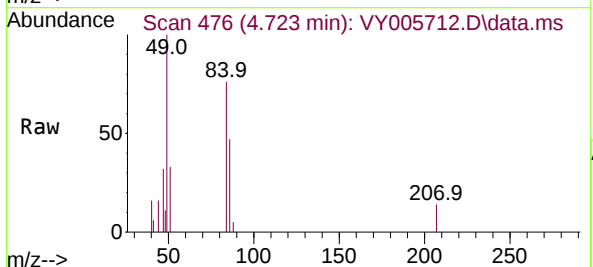
Instrument :
MSVOA_Y
ClientSampled :

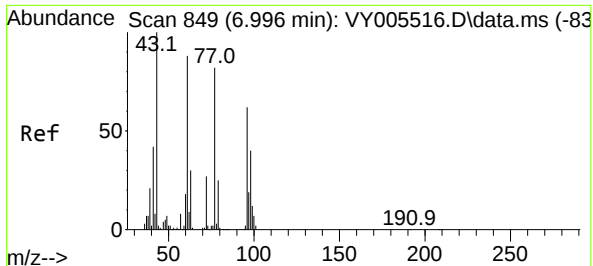
Tgt Ion: 43 Resp: 12956
Ion Ratio Lower Upper
43 100
58 31.0 23.8 35.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005712.D
Acq: 17 Aug 2021 15:15

Tgt Ion: 84 Resp: 2454
Ion Ratio Lower Upper
84 100
49 131.1 105.8 158.6
51 43.4 33.4 50.2
86 61.7 54.2 81.4





#25

2-Butanone

Concen: 4.514 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY005712.D

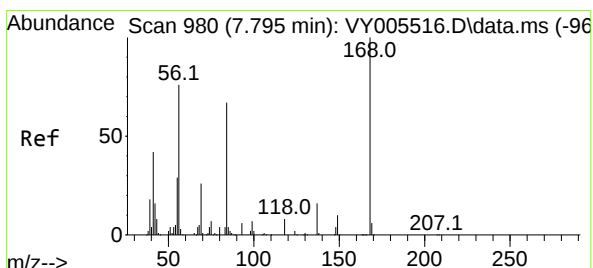
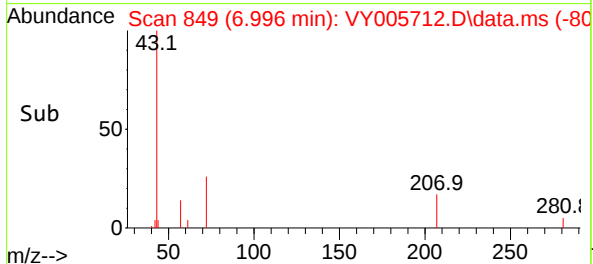
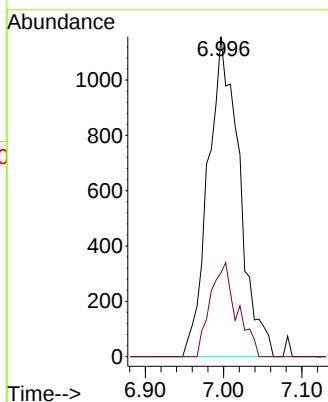
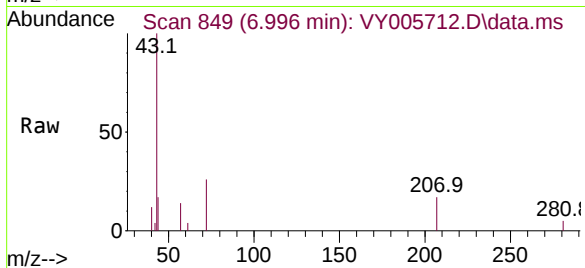
Acq: 17 Aug 2021 15:15

Tgt Ion: 43 Resp: 3216

Ion Ratio Lower Upper

43 100

72 26.2 21.4 32.2



#31

Cyclohexane

Concen: 1.177 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY005712.D

Acq: 17 Aug 2021 15:15

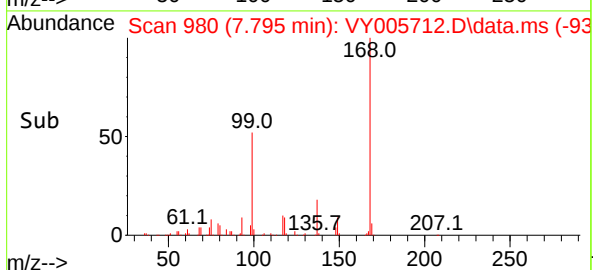
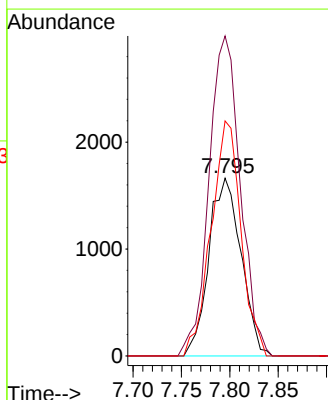
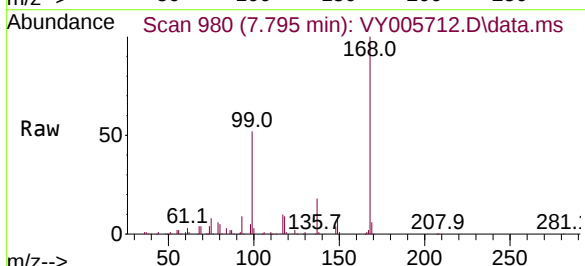
Tgt Ion: 56 Resp: 3858

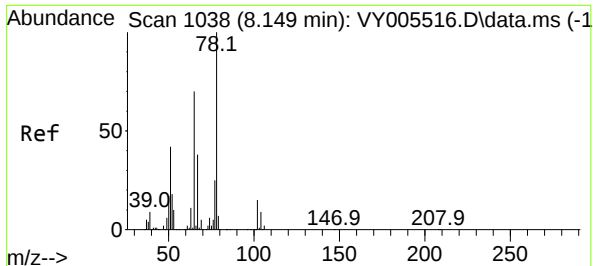
Ion Ratio Lower Upper

56 100

69 180.1 27.7 41.5#

84 132.3 70.9 106.3#

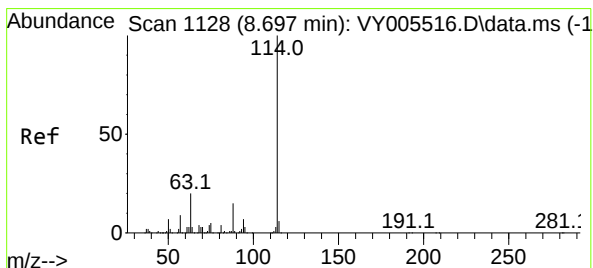
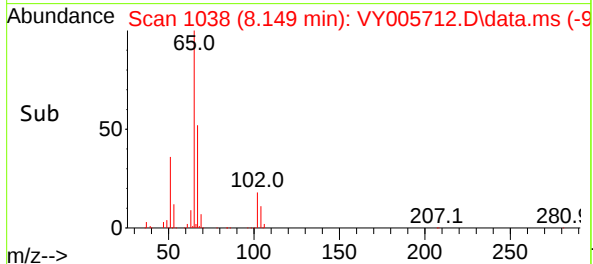
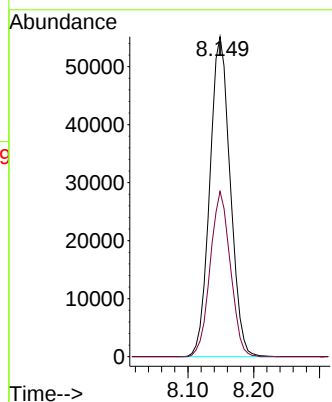
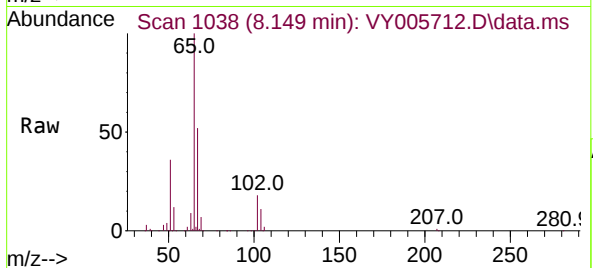




#33
 1,2-Dichloroethane-d4
 Concen: 62.484 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY005712.D
 Acq: 17 Aug 2021 15:15

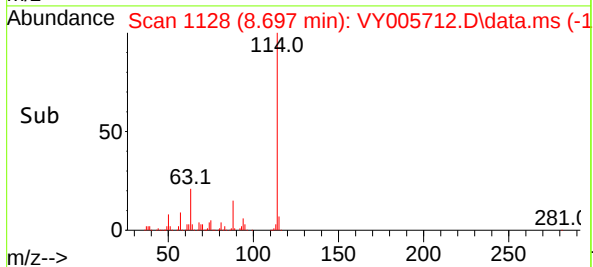
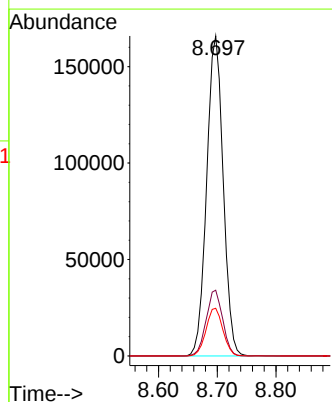
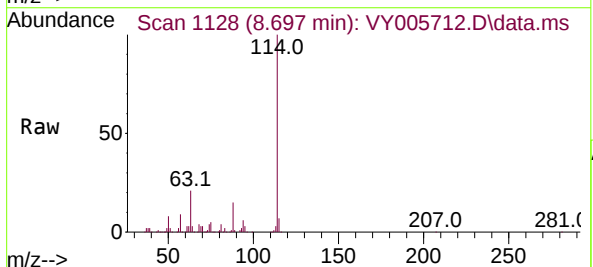
Instrument :
 MSVOA_Y
 ClientSampleId :

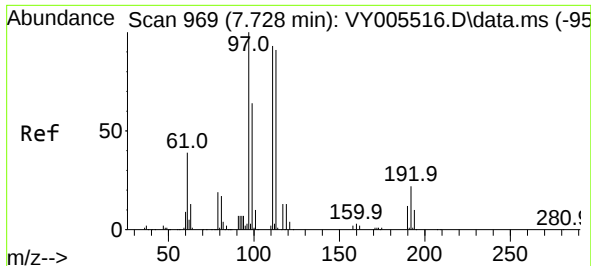
Tgt Ion: 65 Resp: 119438
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY005712.D
 Acq: 17 Aug 2021 15:15

Tgt Ion: 114 Resp: 323383
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.2
 88 14.9 0.0 30.8

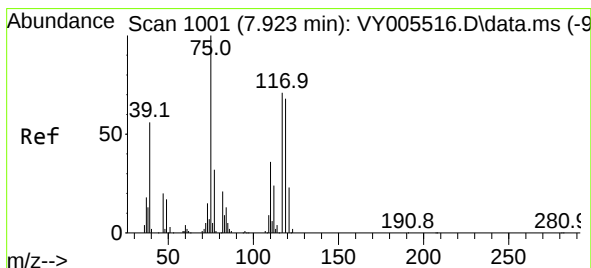
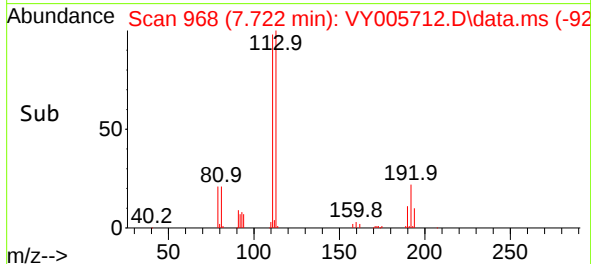
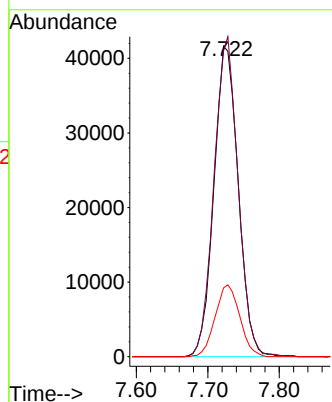
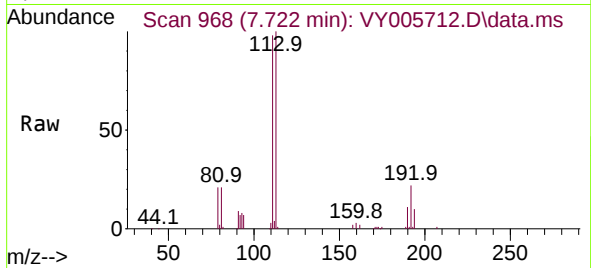




#35
Dibromofluoromethane
Concen: 54.390 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005712.D
Acq: 17 Aug 2021 15:15

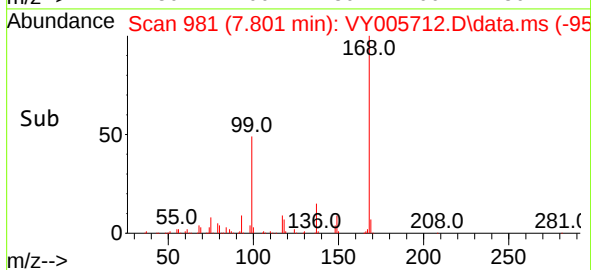
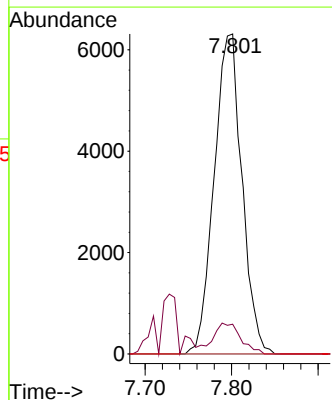
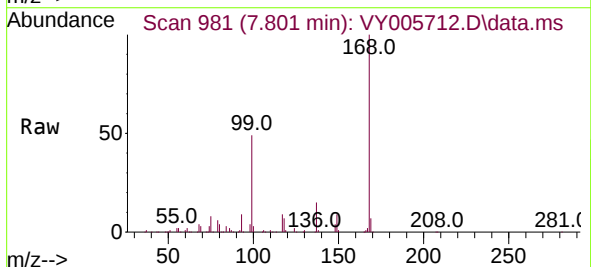
Instrument :
MSVOA_Y
ClientSampleId :

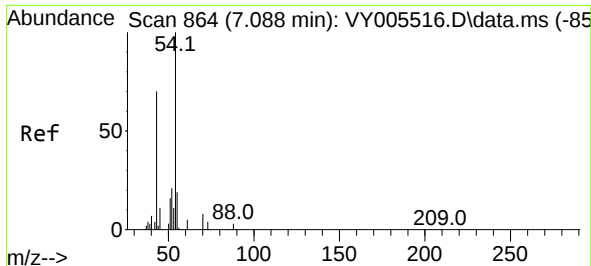
Tgt Ion:113 Resp: 98476
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 23.3 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.641 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005712.D
Acq: 17 Aug 2021 15:15

Tgt Ion: 75 Resp: 14076
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.1#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.750 ug/l

RT: 6.996 min Scan# 849

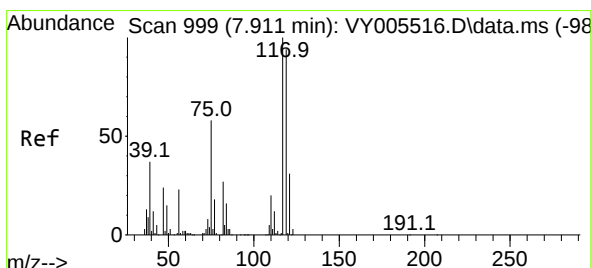
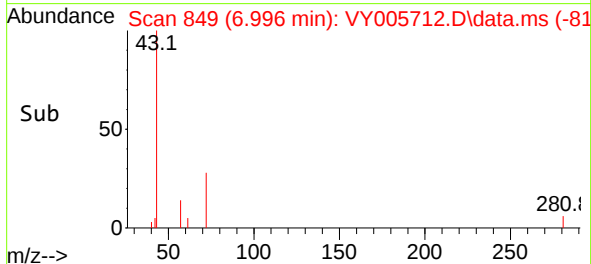
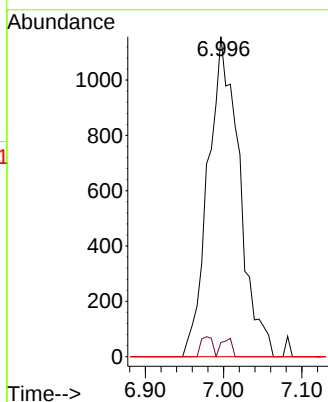
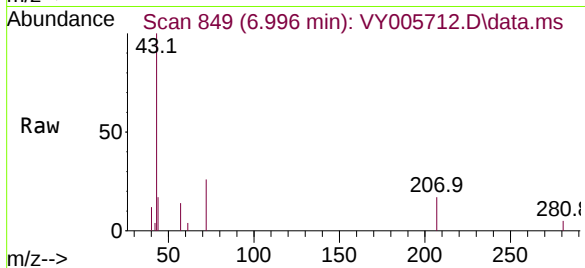
Delta R.T. -0.091 min

Lab File: VY005712.D

Acq: 17 Aug 2021 15:15

Tgt Ion:	43	Resp:	3216
Ion	Ratio	Lower	Upper
43	100		
61	2.0	10.6	15.8#
70	0.0	8.6	13.0#

Instrument :
MSVOA_Y
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.380 ug/l

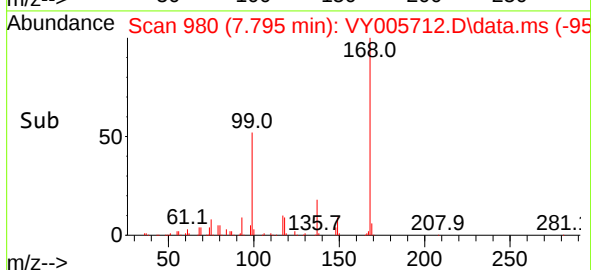
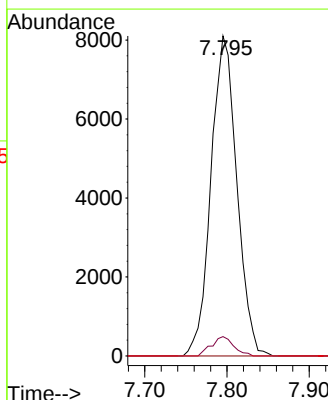
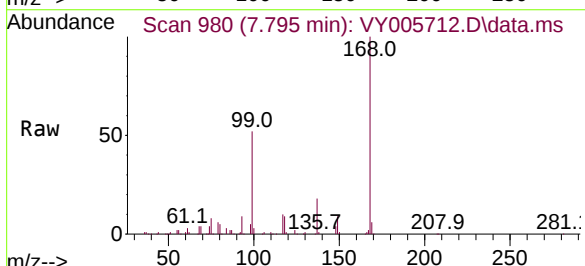
RT: 7.795 min Scan# 980

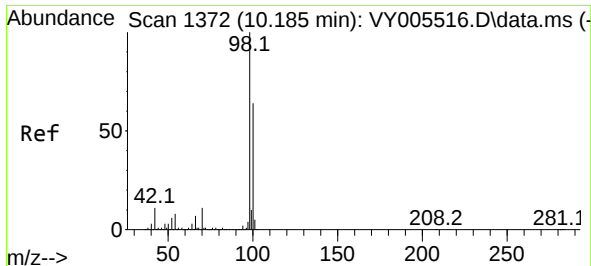
Delta R.T. -0.116 min

Lab File: VY005712.D

Acq: 17 Aug 2021 15:15

Tgt Ion:	117	Resp:	17735
Ion	Ratio	Lower	Upper
117	100		
119	6.1	75.4	113.0#
121	0.0	25.1	37.7#

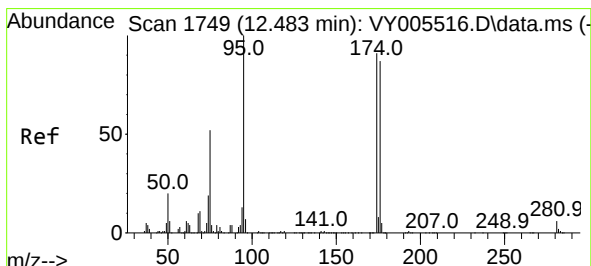
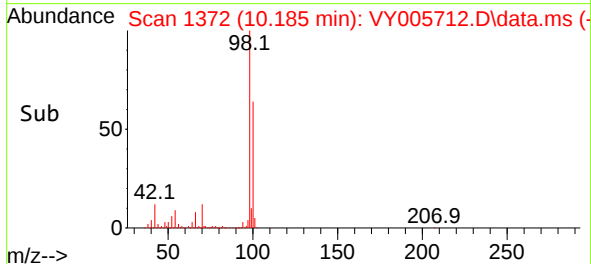
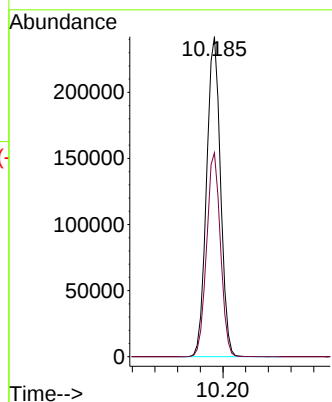
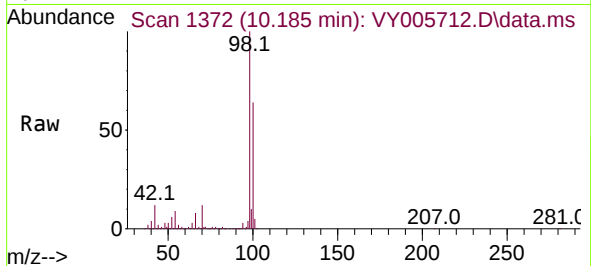




#50
Toluene-d8
Concen: 54.301 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005712.D
Acq: 17 Aug 2021 15:15

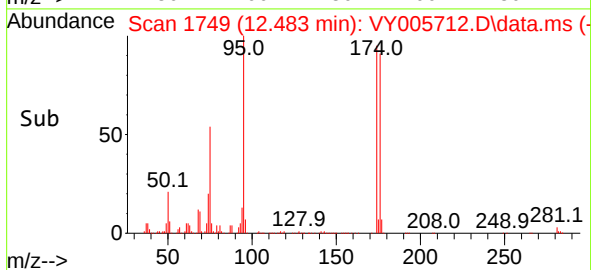
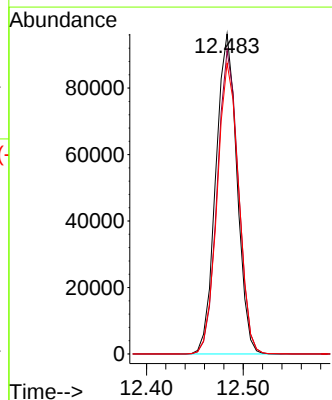
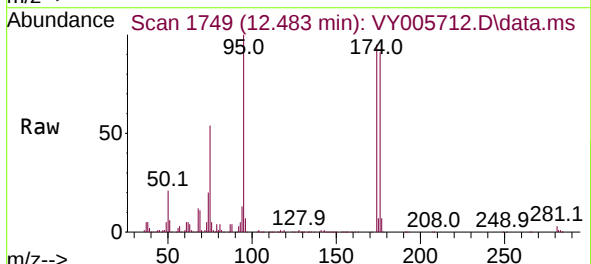
Instrument :
MSVOA_Y
ClientSampleId :

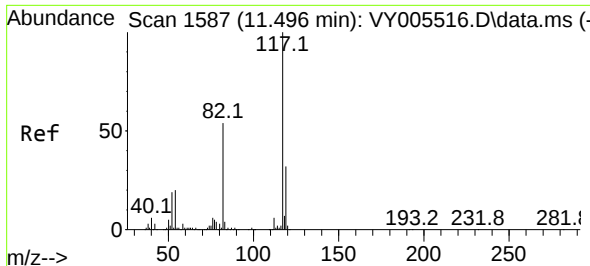
Tgt Ion: 98 Resp: 412320
Ion Ratio Lower Upper
98 100
100 63.4 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 58.144 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005712.D
Acq: 17 Aug 2021 15:15

Tgt Ion: 95 Resp: 146204
Ion Ratio Lower Upper
95 100
174 94.7 0.0 191.4
176 92.4 0.0 183.6

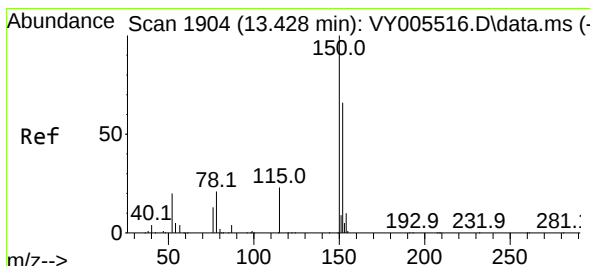
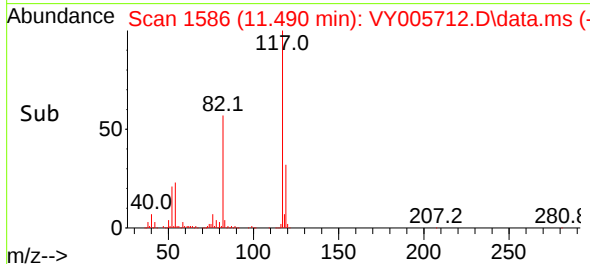
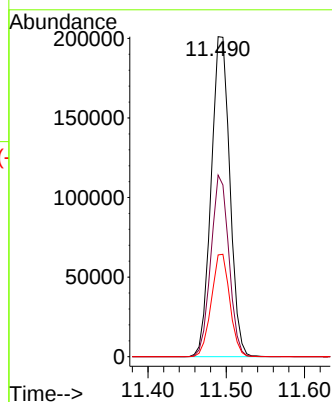
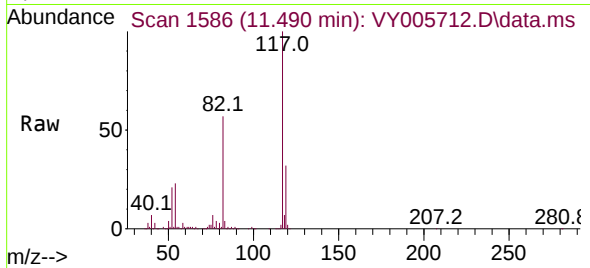




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005712.D
Acq: 17 Aug 2021 15:15

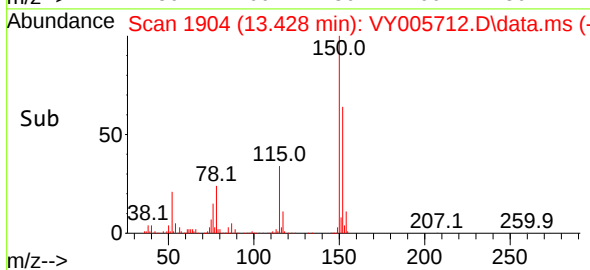
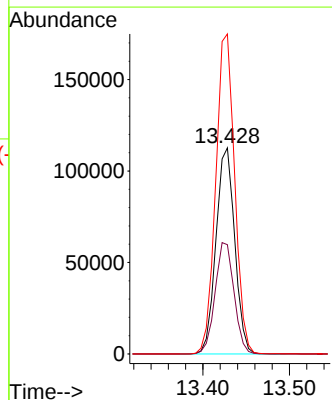
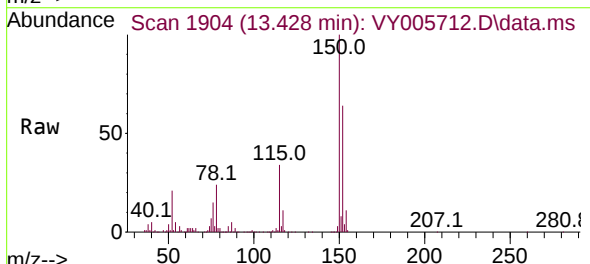
Instrument :
MSVOA_Y
ClientSampled :

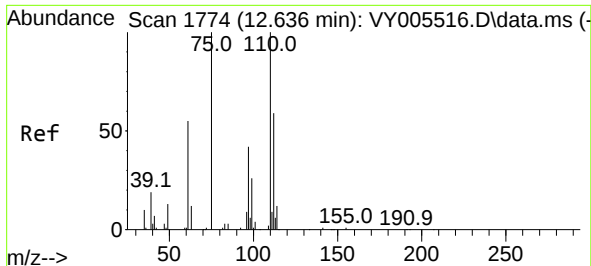
Tgt Ion:117 Resp: 332170
Ion Ratio Lower Upper
117 100
82 56.8 43.5 65.3
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005712.D
Acq: 17 Aug 2021 15:15

Tgt Ion:152 Resp: 169379
Ion Ratio Lower Upper
152 100
115 54.7 27.3 81.9
150 156.5 0.0 350.2

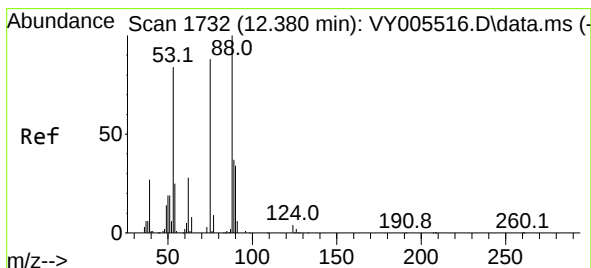
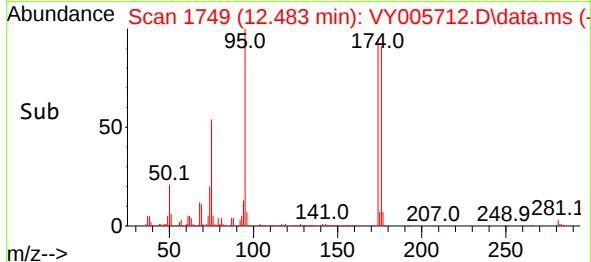
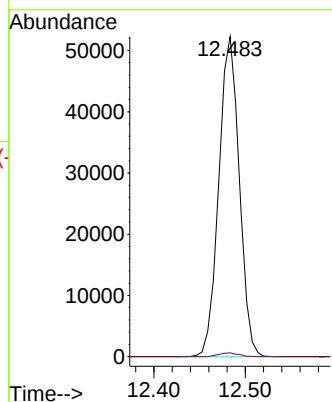
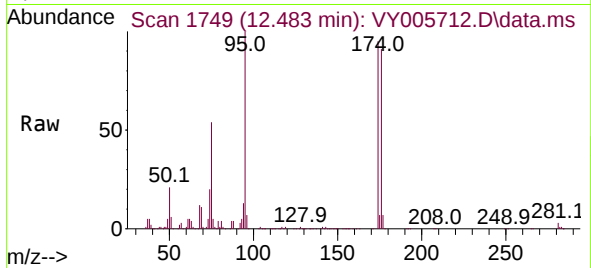




#76
1,2,3-Trichloropropane
Concen: 46.400 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005712.D
Acq: 17 Aug 2021 15:15

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 81444
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.537 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005712.D
Acq: 17 Aug 2021 15:15

Tgt Ion: 75 Resp: 81444
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

