

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
 Data File : VY004573.D
 Acq On : 22 Apr 2021 10:22
 Operator : SY/MD
 Sample : VY0422SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 23 09:16:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

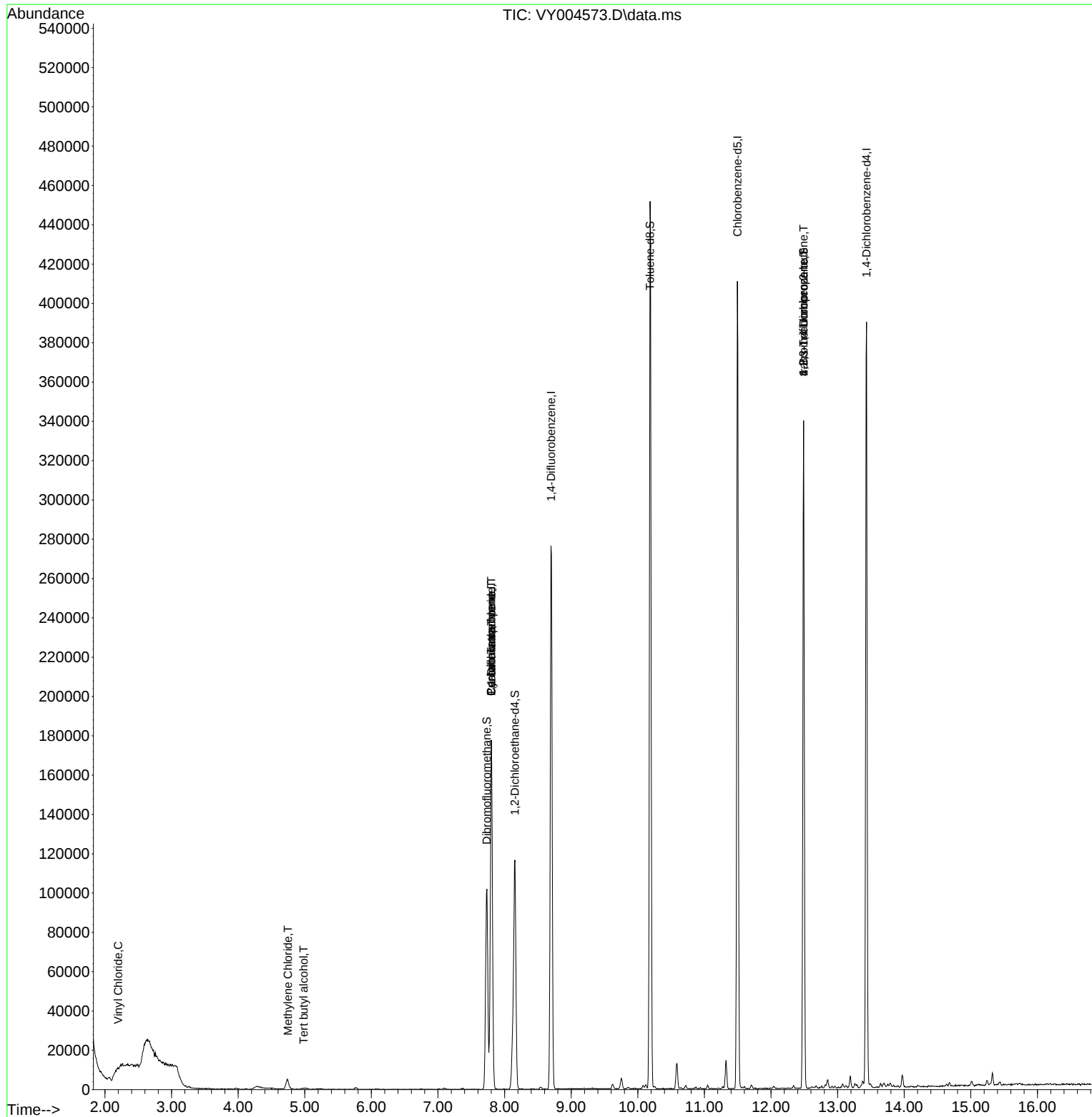
Internal Standards						
1) Pentafluorobenzene	7.801	168	130426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	227270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	211930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	93572	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	83564	57.67	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.34%
35) Dibromofluoromethane	7.734	113	69706	55.27	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.54%
50) Toluene-d8	10.185	98	281197	52.42	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.84%
62) 4-Bromofluorobenzene	12.489	95	90921	49.94	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.88%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.198	62	4142	2.24	ug/l #	43
11) Tert butyl alcohol	4.985	59	1063	7.44	ug/l #	73
16) Acetone	3.973	43	1040	Below Cal		92
20) Methylene Chloride	4.747	84	3470	2.48	ug/l #	85
31) Cyclohexane	7.801	56	3332	1.25	ug/l #	19
36) 1,1-Dichloropropene	7.801	75	10936	4.84	ug/l #	50
38) Carbon Tetrachloride	7.801	117	13026	6.67	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	51275	51.06	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	51275	91.33	ug/l #	12

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

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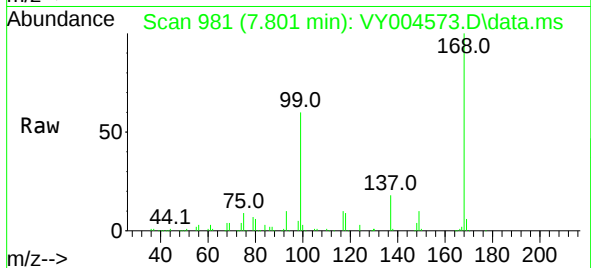
Quant Time: Apr 23 09:16:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



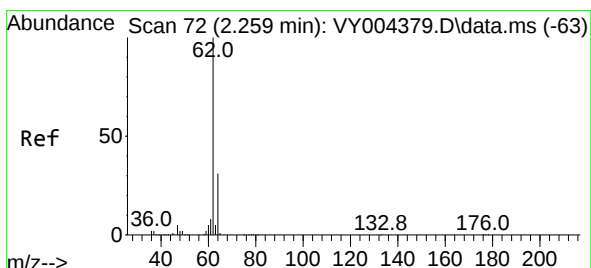
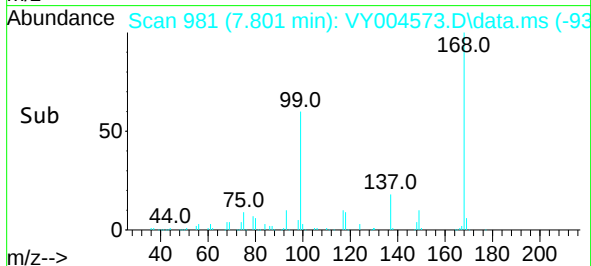
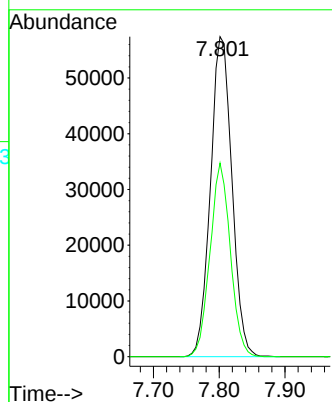


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004573.D
Acq: 22 Apr 2021 10:22

Instrument :
MSVOA_Y
ClientSampleId :

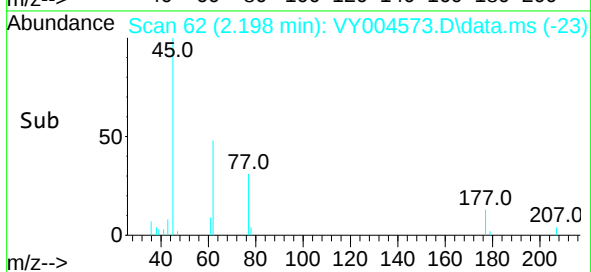
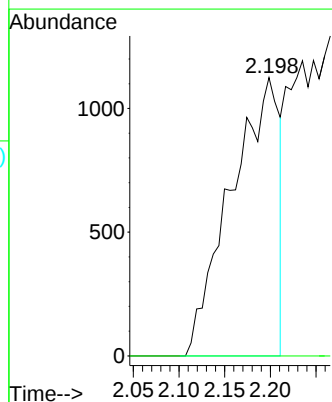
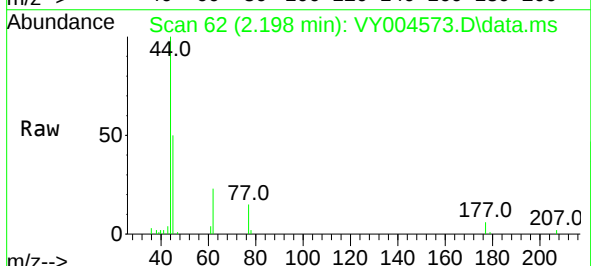


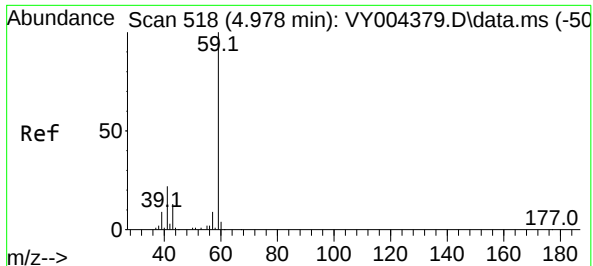
Tgt Ion:168 Resp: 130426
Ion Ratio Lower Upper
168 100
99 60.5 45.5 68.3



#4
Vinyl Chloride
Concen: 2.24 ug/l
RT: 2.198 min Scan# 62
Delta R.T. -0.061 min
Lab File: VY004573.D
Acq: 22 Apr 2021 10:22

Tgt Ion: 62 Resp: 4142
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 7.44 ug/l

RT: 4.985 min Scan# 519

Delta R.T. 0.006 min

Lab File: VY004573.D

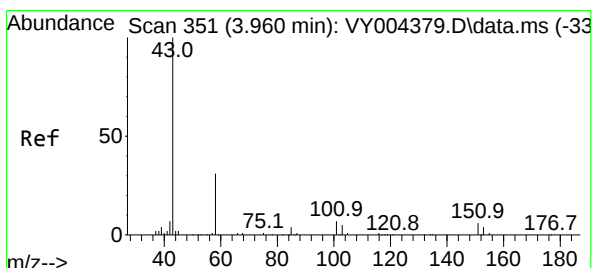
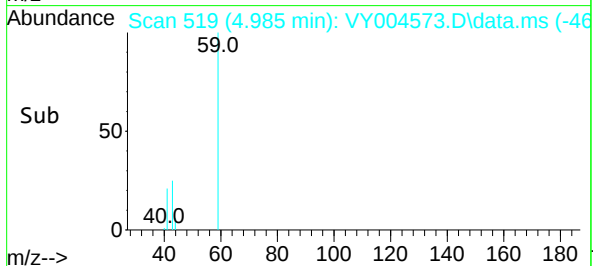
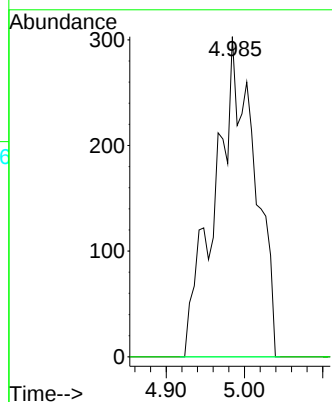
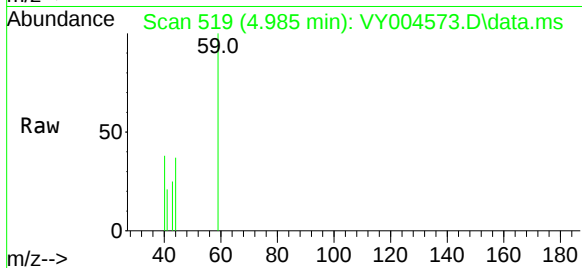
Acq: 22 Apr 2021 10:22

Tgt Ion: 59 Resp: 1063

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: Below Cal

RT: 3.973 min Scan# 353

Delta R.T. 0.013 min

Lab File: VY004573.D

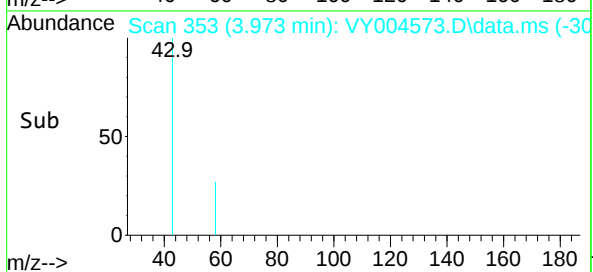
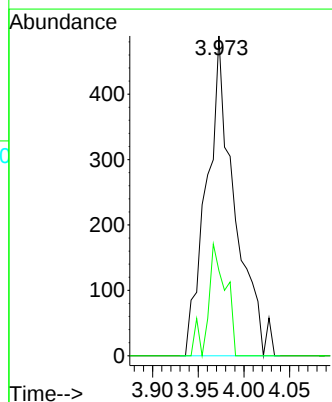
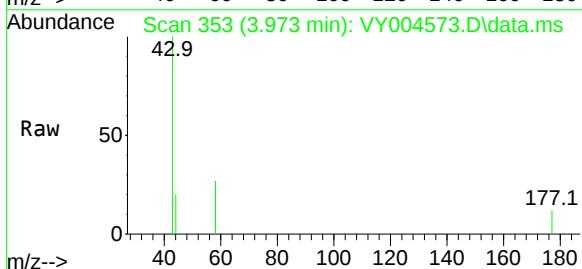
Acq: 22 Apr 2021 10:22

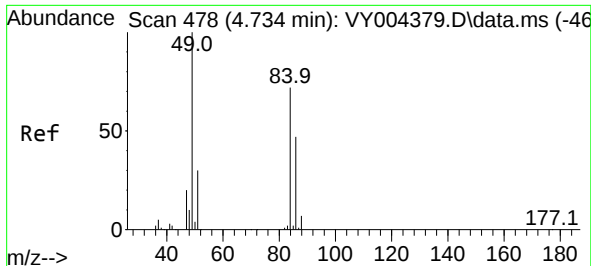
Tgt Ion: 43 Resp: 1040

Ion Ratio Lower Upper

43 100

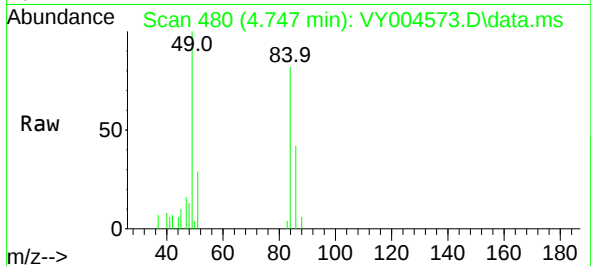
58 26.6 24.6 37.0





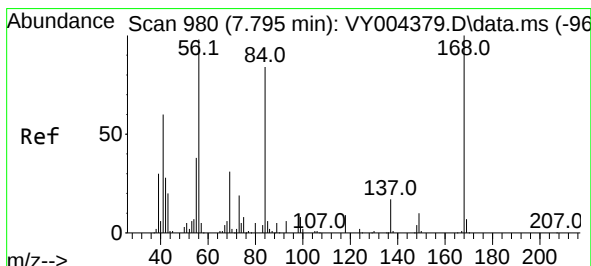
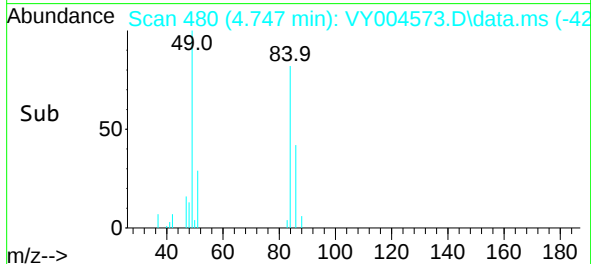
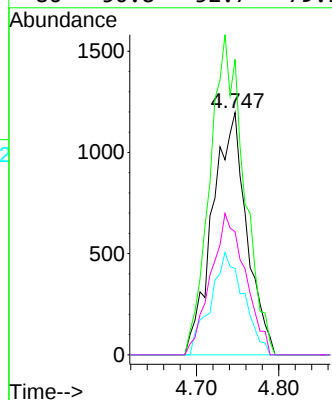
#20
Methylene Chloride
Concen: 2.48 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.012 min
Lab File: VY004573.D
Acq: 22 Apr 2021 10:22

Instrument :
MSVOA_Y
ClientSampled :

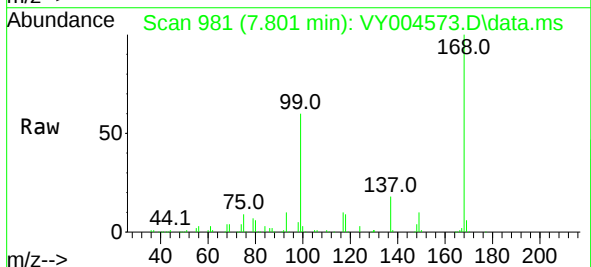


Tgt Ion: 84 Resp: 3470

Ion	Ratio	Lower	Upper
84	100		
49	122.0	111.2	166.8
51	35.7	33.4	50.2
86	50.8	52.7	79.1#

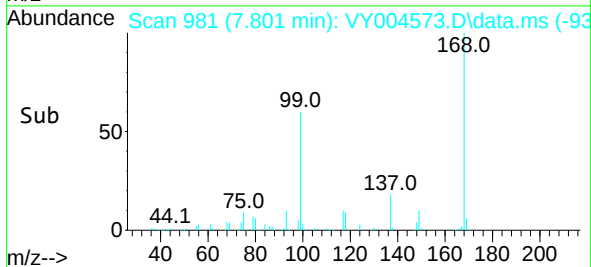
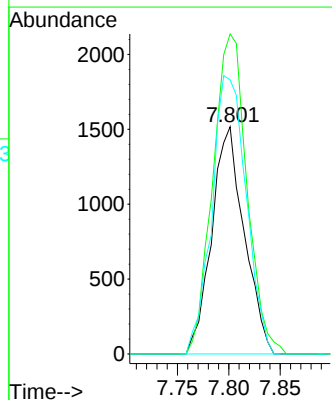


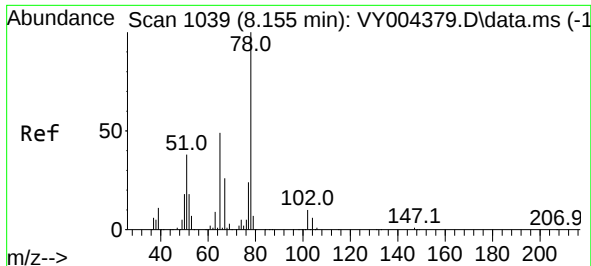
#31
Cyclohexane
Concen: 1.25 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004573.D
Acq: 22 Apr 2021 10:22



Tgt Ion: 56 Resp: 3332

Ion	Ratio	Lower	Upper
56	100		
69	140.9	25.8	38.6#
84	120.6	68.2	102.4#

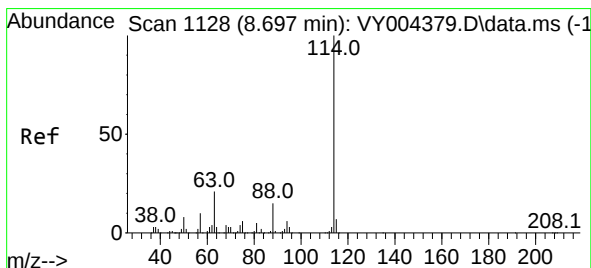
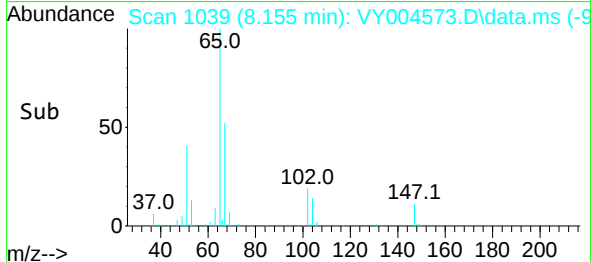
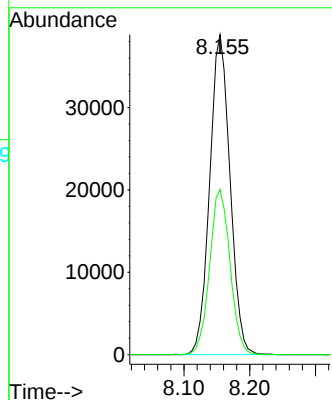
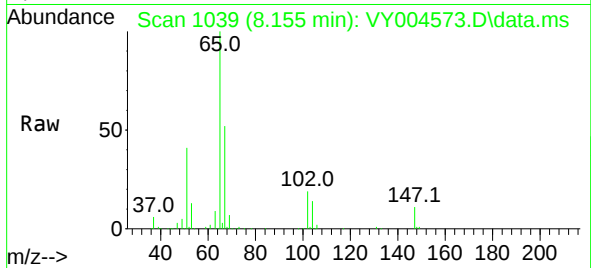




#33
1,2-Dichloroethane-d4
Concen: 57.67 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004573.D
Acq: 22 Apr 2021 10:22

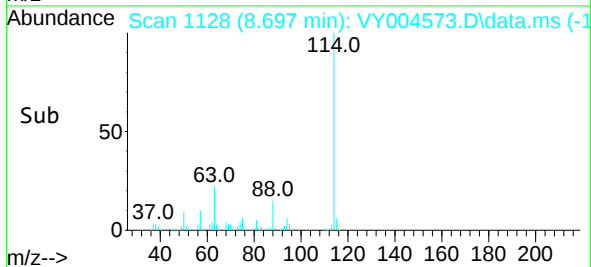
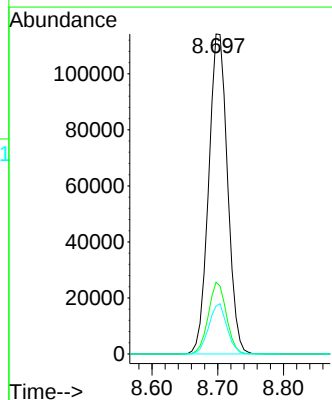
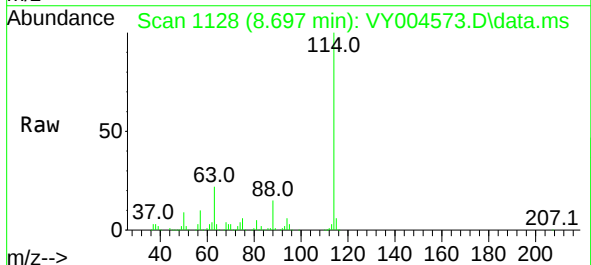
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 65 Resp: 83564
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004573.D
Acq: 22 Apr 2021 10:22

Tgt Ion:114 Resp: 227270
Ion Ratio Lower Upper
114 100
63 22.4 0.0 42.4
88 15.0 0.0 30.8

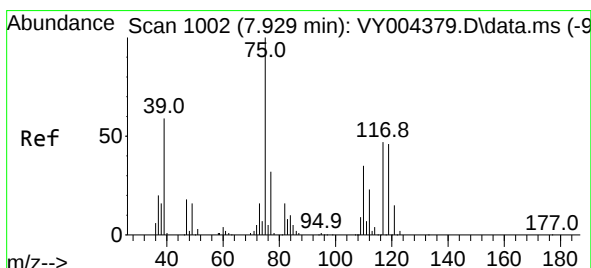
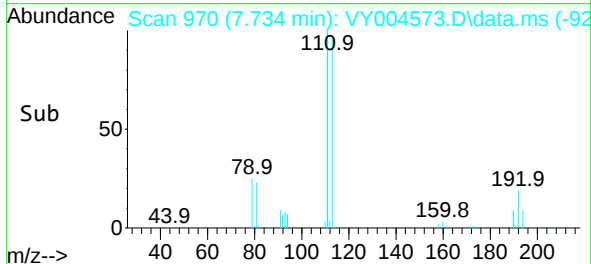
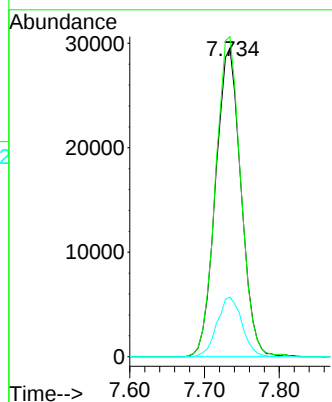
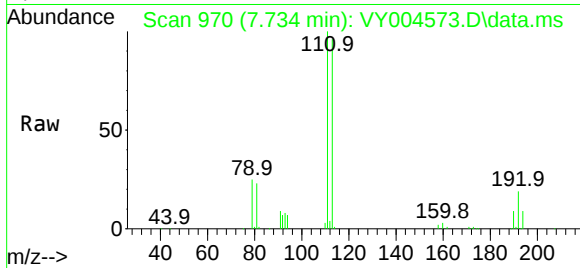




#35
Dibromofluoromethane
Concen: 55.27 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004573.D
Acq: 22 Apr 2021 10:22

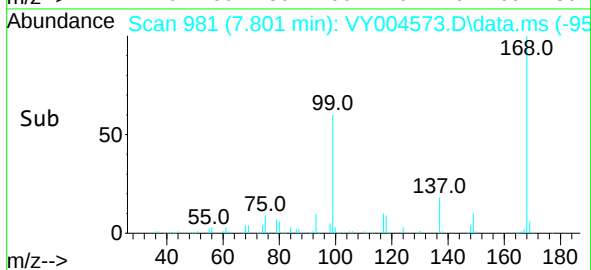
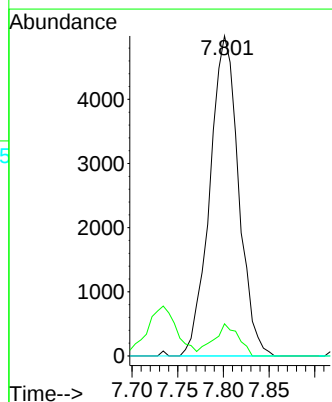
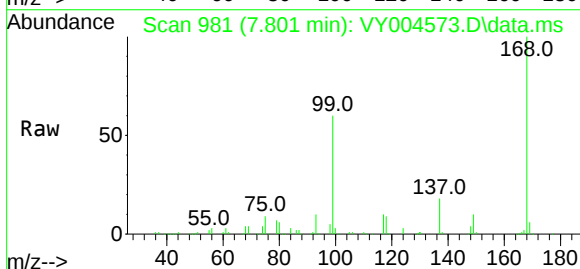
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:113 Resp: 69706
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 18.9 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.84 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004573.D
Acq: 22 Apr 2021 10:22

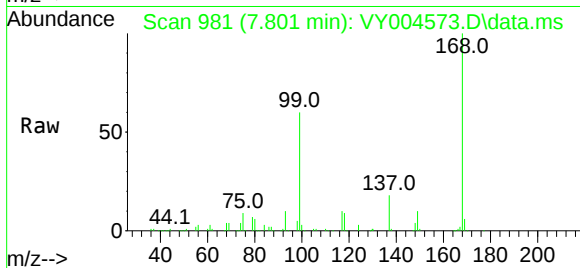
Tgt Ion: 75 Resp: 10936
Ion Ratio Lower Upper
75 100
110 8.6 17.3 51.7#
77 0.0 24.3 36.5#



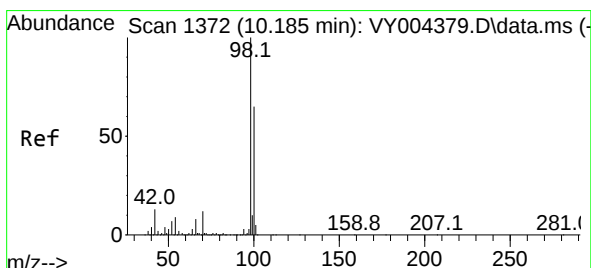
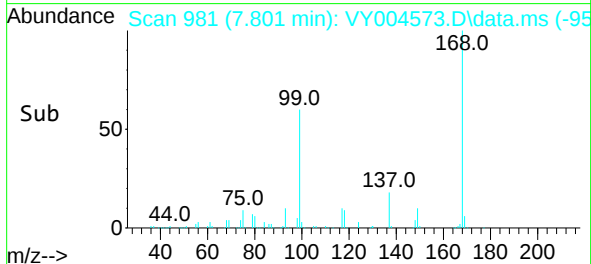
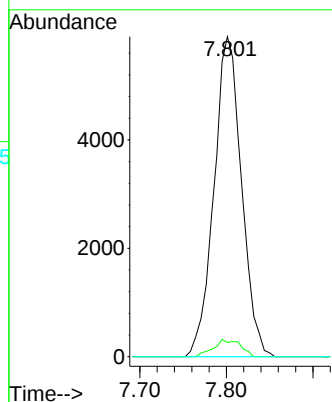


#38
Carbon Tetrachloride
Concen: 6.67 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.109 min
Lab File: VY004573.D
Acq: 22 Apr 2021 10:22

Instrument :
MSVOA_Y
ClientSampleId :

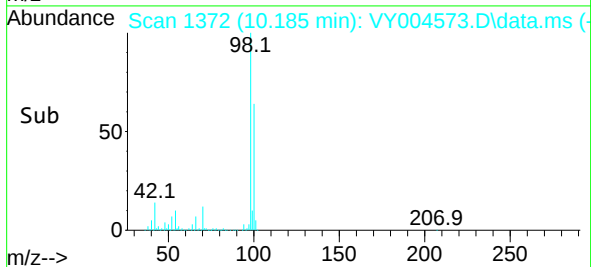
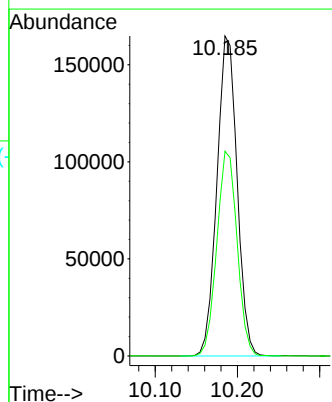
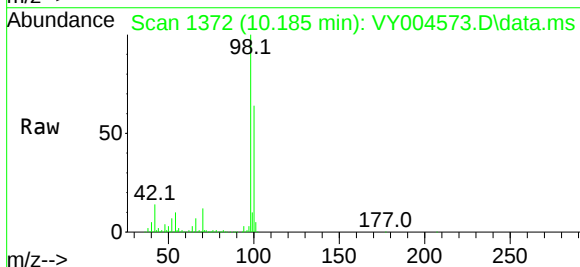


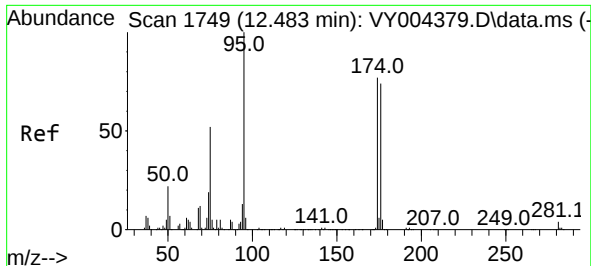
Tgt Ion:117 Resp: 13026
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 52.42 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004573.D
Acq: 22 Apr 2021 10:22

Tgt Ion: 98 Resp: 281197
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

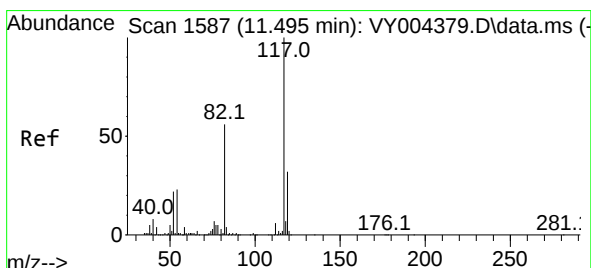
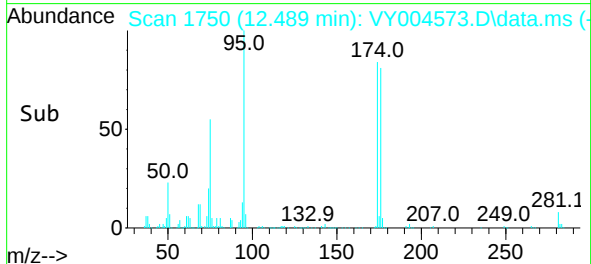
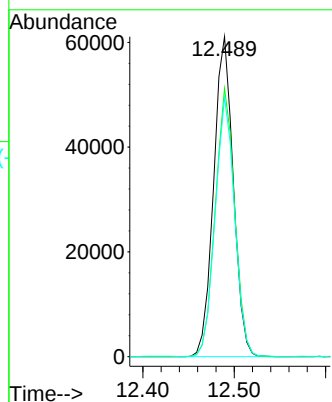
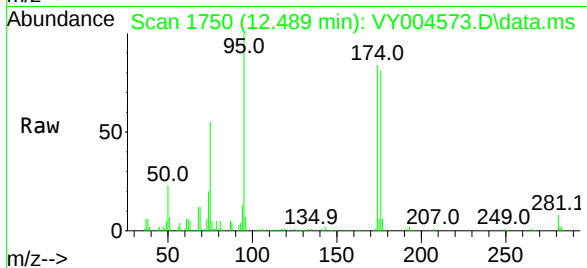




#62
4-Bromofluorobenzene
Concen: 49.94 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004573.D
Acq: 22 Apr 2021 10:22

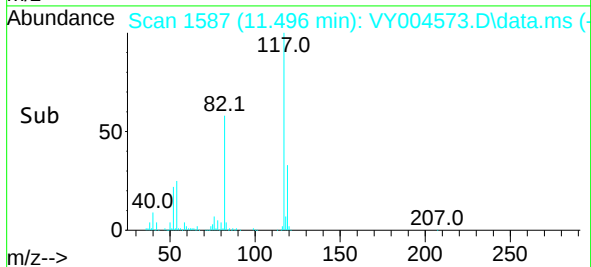
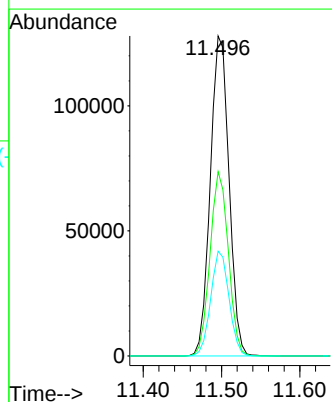
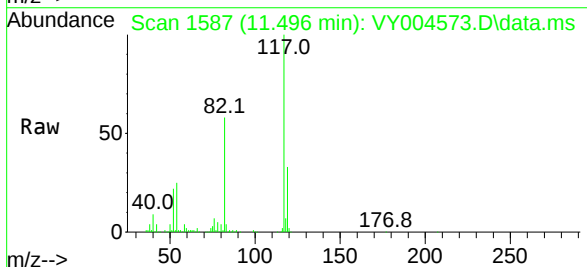
Instrument :
MSVOA_Y
ClientSampleId :

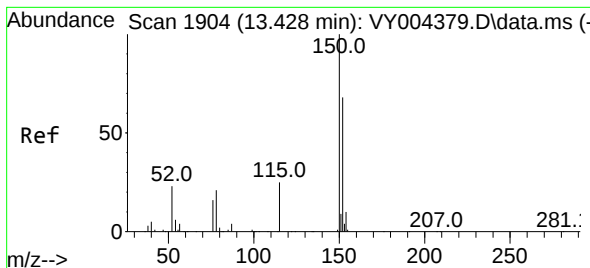
Tgt Ion: 95 Resp: 90921
Ion Ratio Lower Upper
95 100
174 83.6 0.0 162.4
176 80.7 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004573.D
Acq: 22 Apr 2021 10:22

Tgt Ion: 117 Resp: 211930
Ion Ratio Lower Upper
117 100
82 57.6 44.9 67.3
119 32.8 25.4 38.0

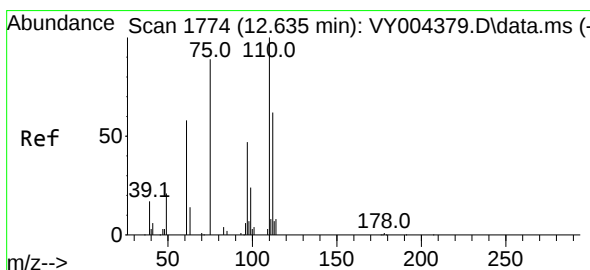
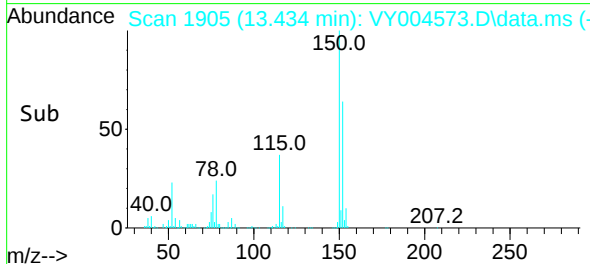
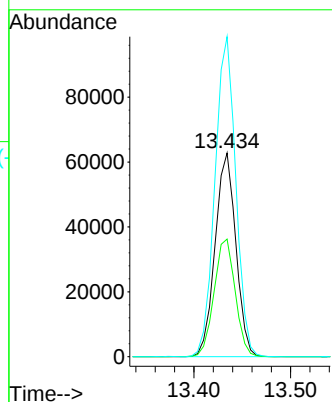
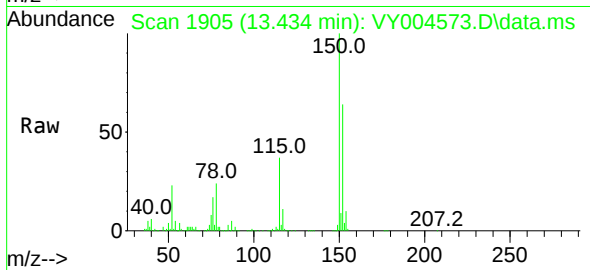




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY004573.D
 Acq: 22 Apr 2021 10:22

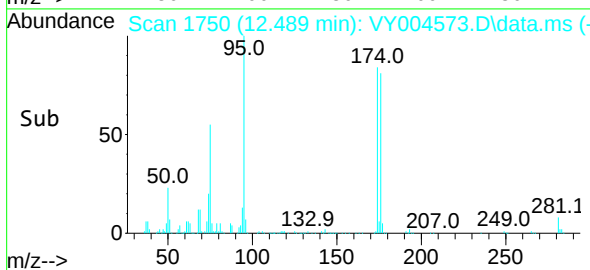
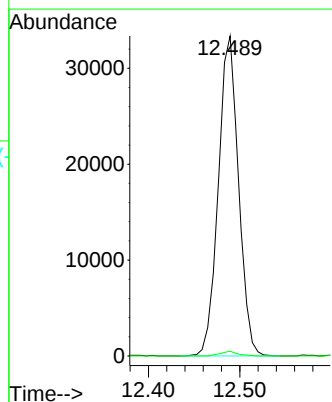
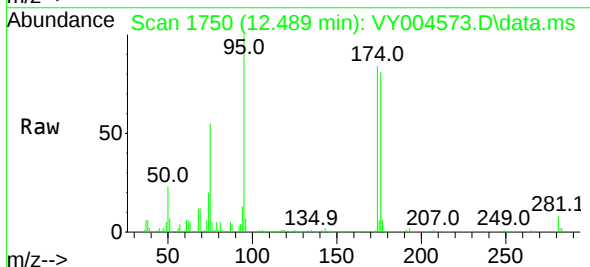
Instrument :
 MSVOA_Y
 ClientSampled :

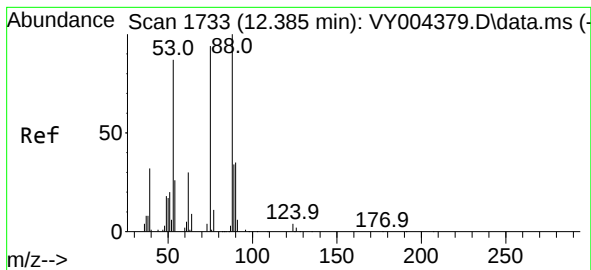
Tgt Ion:152 Resp: 93572
 Ion Ratio Lower Upper
 152 100
 115 58.9 29.6 88.8
 150 157.5 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 51.06 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.146 min
 Lab File: VY004573.D
 Acq: 22 Apr 2021 10:22

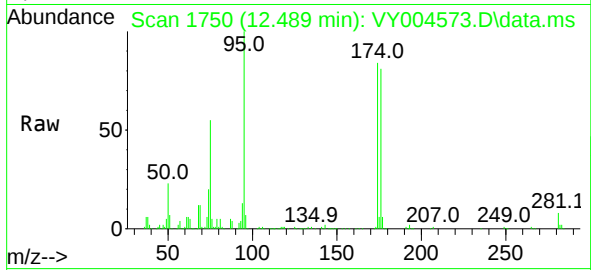
Tgt Ion: 75 Resp: 51275
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.33 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. 0.104 min
 Lab File: VY004573.D
 Acq: 22 Apr 2021 10:22

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 51275
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 0.1 36.1 54.1#

