

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042321\
 Data File : VY004600.D
 Acq On : 23 Apr 2021 13:15
 Operator : SY/MD
 Sample : M2149-01
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 26 08:27:48 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	74269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	127661	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	114503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	45849	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	48124	58.32	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.64%
35) Dibromofluoromethane	7.734	113	40245	56.81	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.62%
50) Toluene-d8	10.185	98	153996	51.10	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.20%
62) 4-Bromofluorobenzene	12.489	95	47540	46.49	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.98%

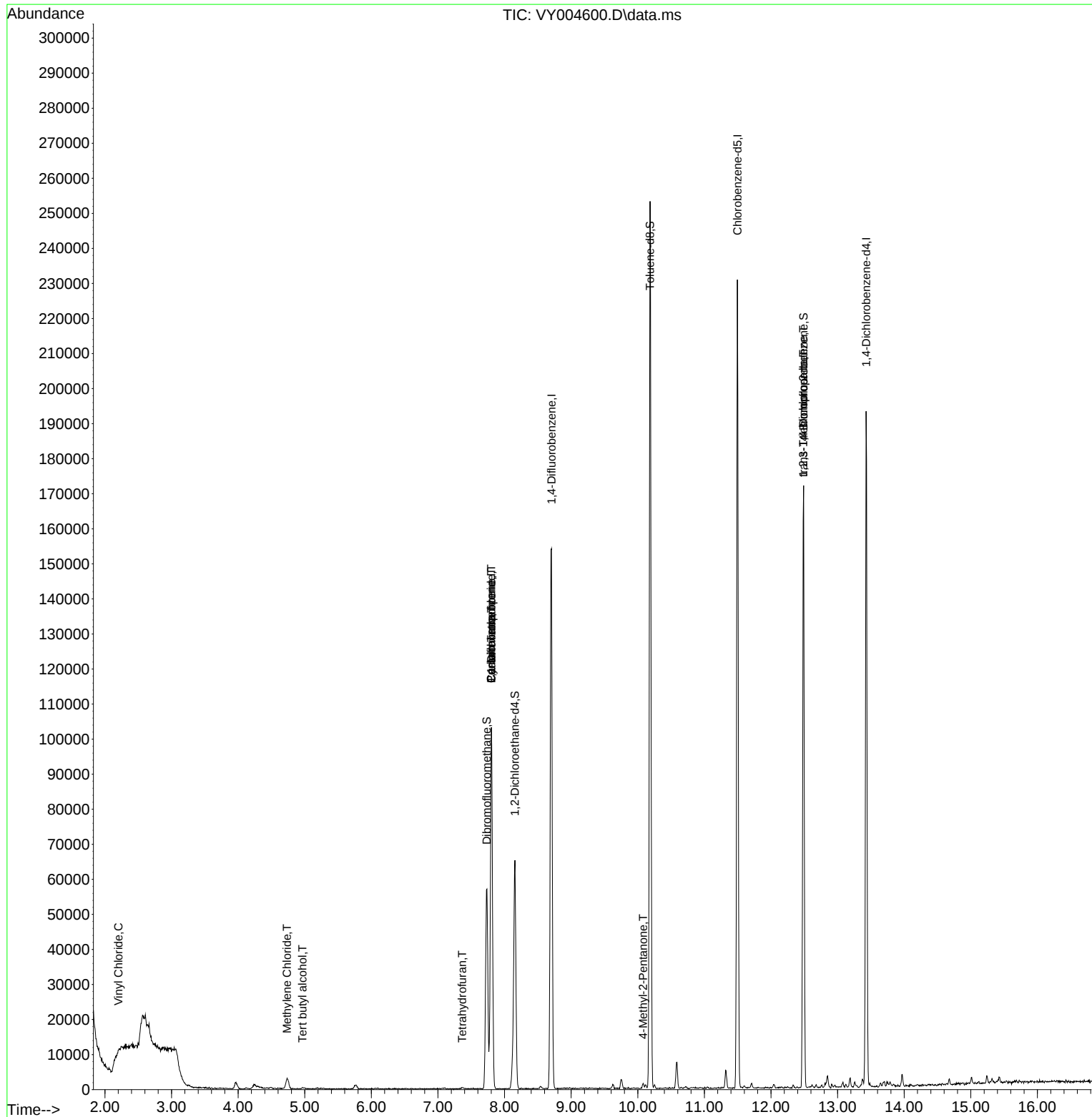
Target Compounds						Qvalue
4) Vinyl Chloride	2.205	62	1321	1.26	ug/l #	43
11) Tert butyl alcohol	4.966	59	507	6.23	ug/l #	73
20) Methylene Chloride	4.735	84	2082	2.61	ug/l #	93
29) Tetrahydrofuran	7.362	42	352	1.57	ug/l #	42
31) Cyclohexane	7.801	56	2132	1.41	ug/l #	29
36) 1,1-Dichloropropene	7.801	75	6184	4.87	ug/l #	51
38) Carbon Tetrachloride	7.801	117	7940	7.24	ug/l #	17
51) 4-Methyl-2-Pentanone	10.081	43	1129	1.42	ug/l	91
76) 1,2,3-Trichloropropane	12.483	75	26872	54.61	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	26872	97.69	ug/l #	12

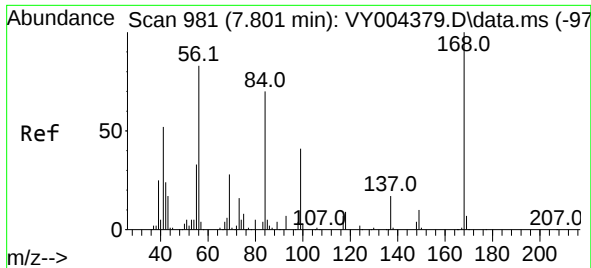
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 6 Sample Multiplier: 1

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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

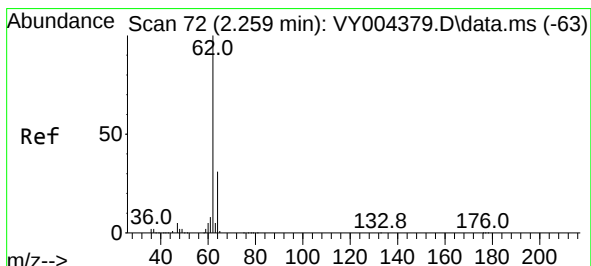
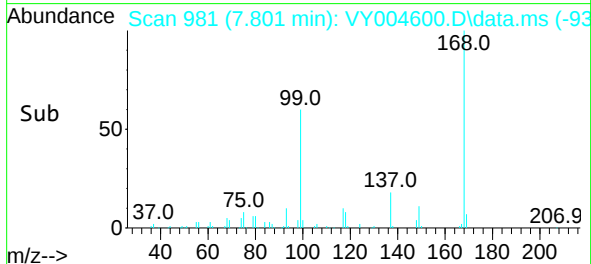
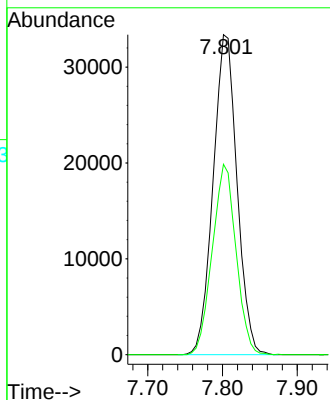
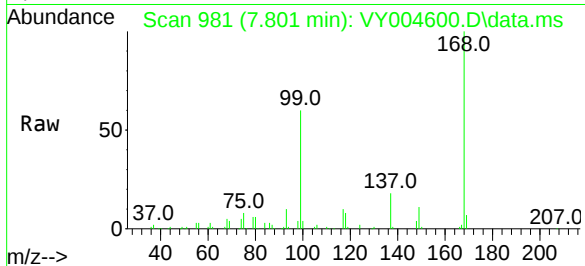




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004600.D
Acq: 23 Apr 2021 13:15

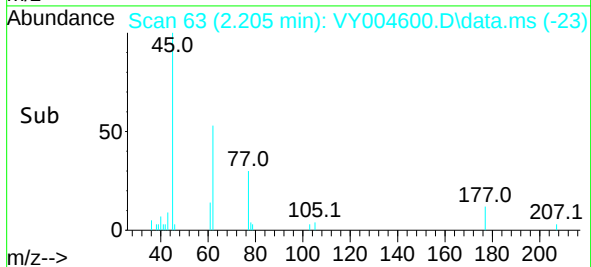
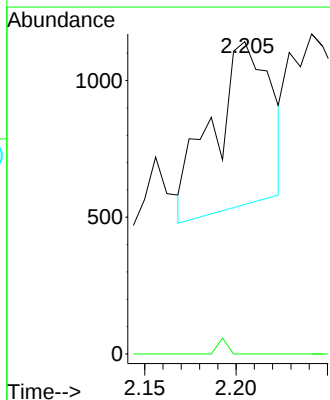
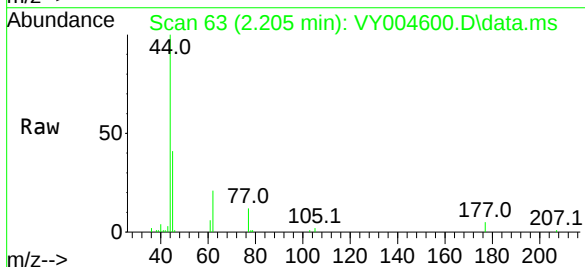
Instrument :
MSVOA_Y
ClientSampled :

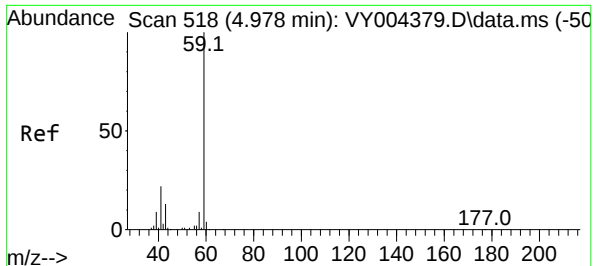
Tgt Ion:168 Resp: 74269
Ion Ratio Lower Upper
168 100
99 59.5 45.5 68.3



#4
Vinyl Chloride
Concen: 1.26 ug/l
RT: 2.205 min Scan# 63
Delta R.T. -0.054 min
Lab File: VY004600.D
Acq: 23 Apr 2021 13:15

Tgt Ion: 62 Resp: 1321
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 6.23 ug/l

RT: 4.966 min Scan# 516

Delta R.T. -0.012 min

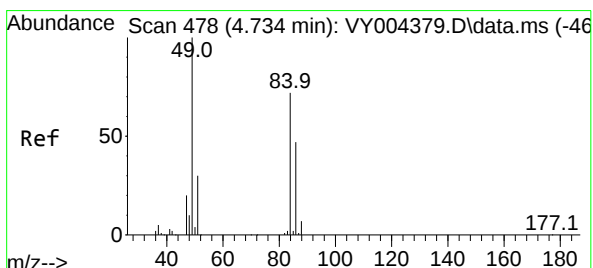
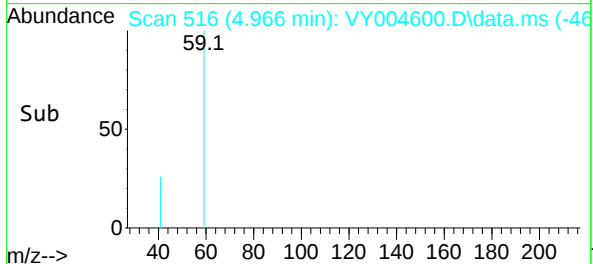
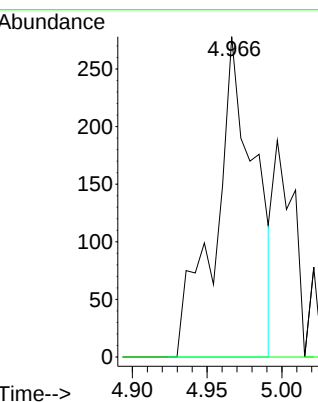
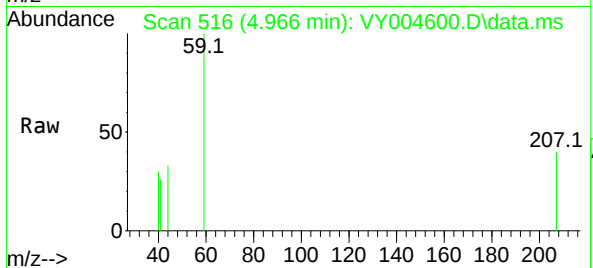
Lab File: VY004600.D

Acq: 23 Apr 2021 13:15

Tgt Ion: 59 Resp: 507

Ion Ratio Lower Upper

59 100
57 0.0 8.1 12.1#



#20

Methylene Chloride

Concen: 2.61 ug/l

RT: 4.735 min Scan# 478

Delta R.T. 0.000 min

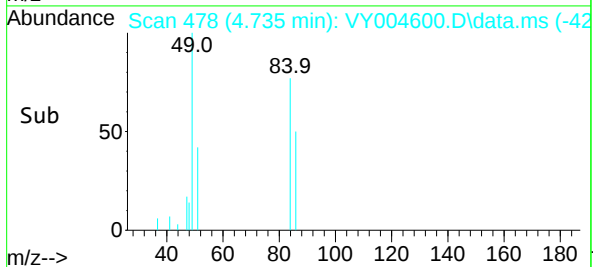
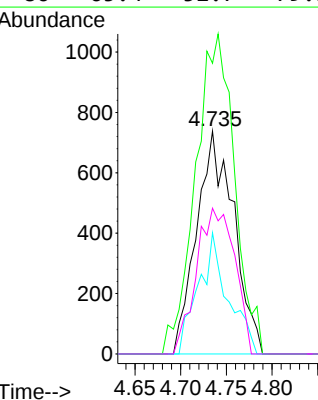
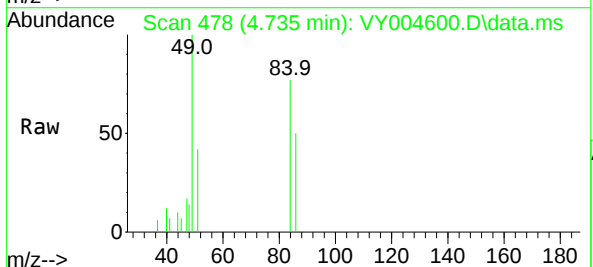
Lab File: VY004600.D

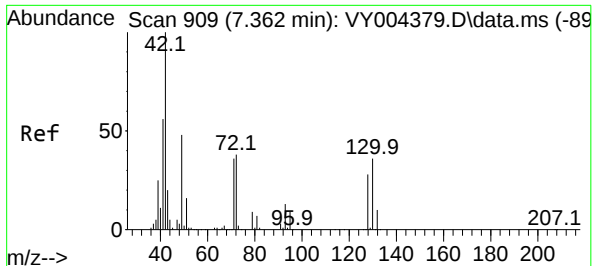
Acq: 23 Apr 2021 13:15

Tgt Ion: 84 Resp: 2082

Ion Ratio Lower Upper

84 100
49 130.5 111.2 166.8
51 54.3 33.4 50.2#
86 65.4 52.7 79.1





#29

Tetrahydrofuran

Concen: 1.57 ug/l

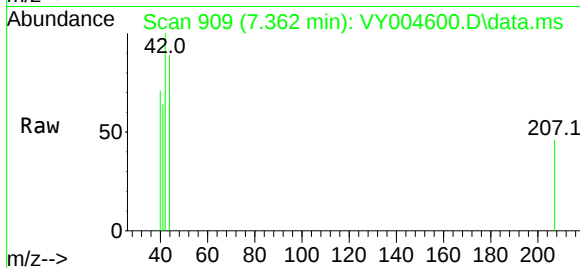
RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

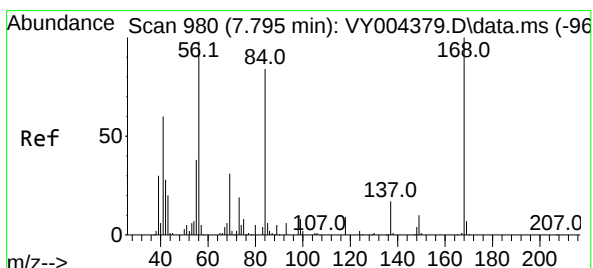
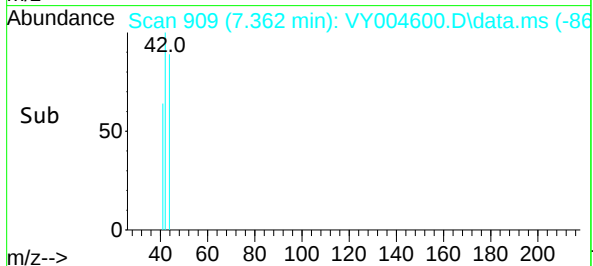
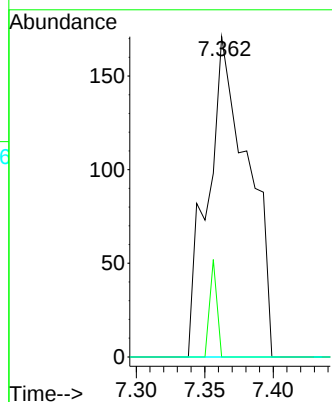
Lab File: VY004600.D

Acq: 23 Apr 2021 13:15

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion:	42	Resp:	352
Ion Ratio	Lower	Upper	
42	100		
72	5.4	31.0	46.4#
71	0.0	28.8	43.2#



#31

Cyclohexane

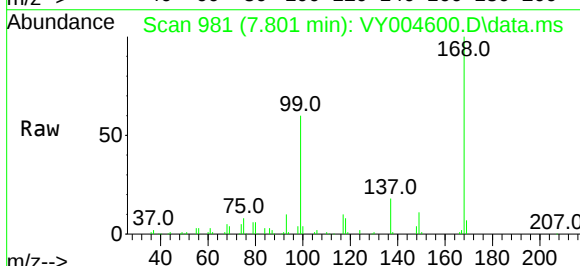
Concen: 1.41 ug/l

RT: 7.801 min Scan# 981

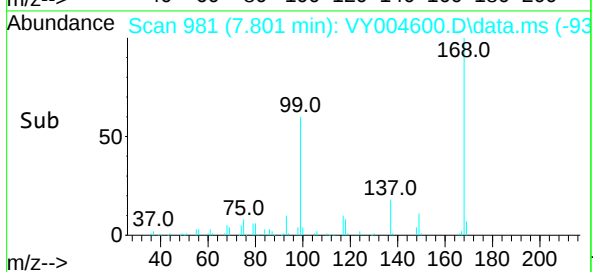
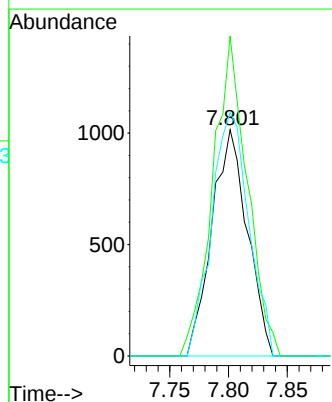
Delta R.T. 0.006 min

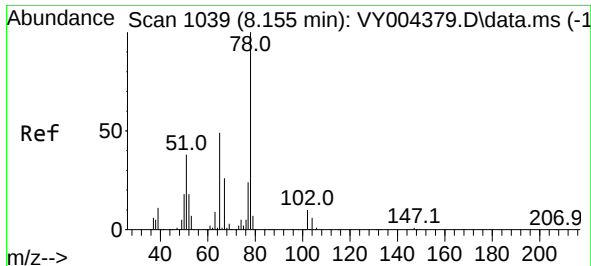
Lab File: VY004600.D

Acq: 23 Apr 2021 13:15



Tgt Ion:	56	Resp:	2132
Ion Ratio	Lower	Upper	
56	100		
69	141.5	25.8	38.6#
84	107.6	68.2	102.4#

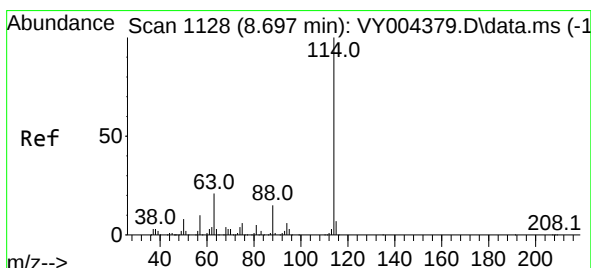
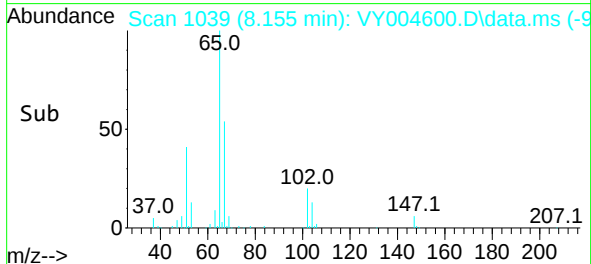
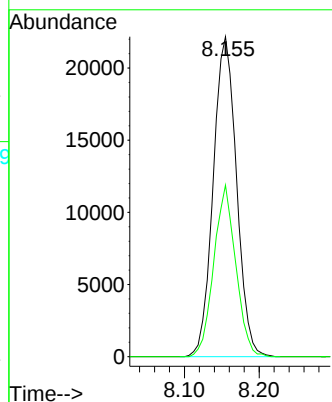
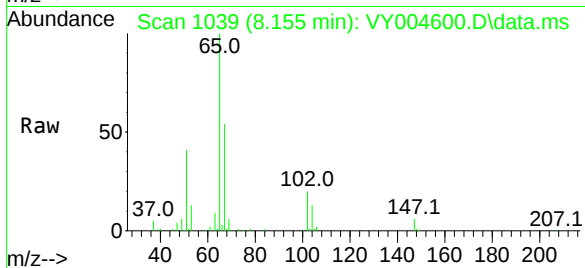




#33
 1,2-Dichloroethane-d4
 Concen: 58.32 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.000 min
 Lab File: VY004600.D
 Acq: 23 Apr 2021 13:15

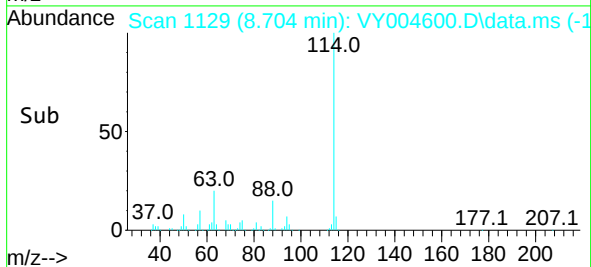
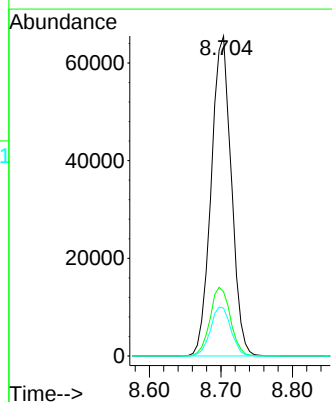
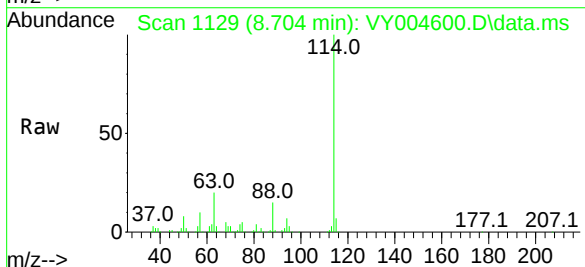
Instrument :
 MSVOA_Y
 ClientSampled :

Tgt Ion: 65 Resp: 48124
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.704 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VY004600.D
 Acq: 23 Apr 2021 13:15

Tgt Ion: 114 Resp: 127661
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.4
 88 15.0 0.0 30.8

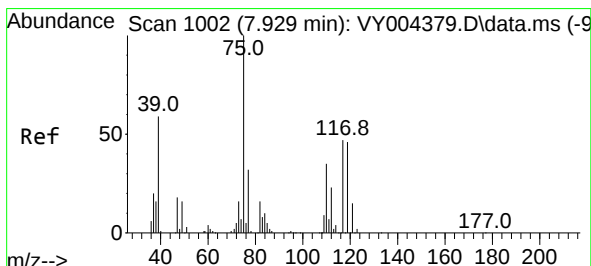
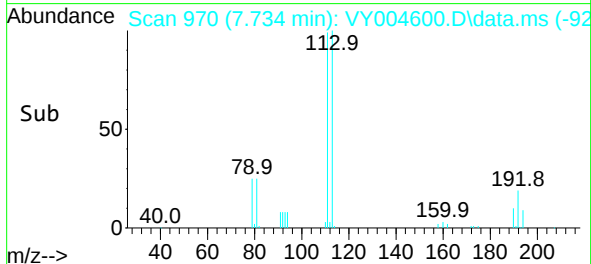
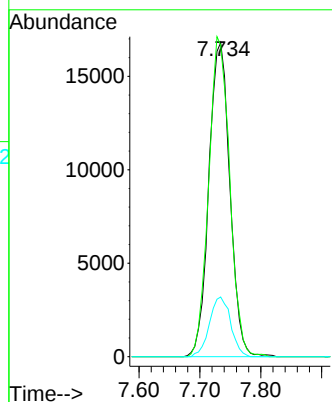
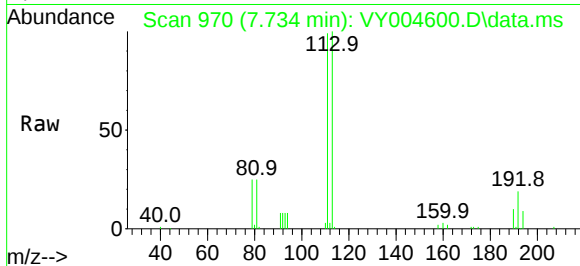




#35
Dibromofluoromethane
Concen: 56.81 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004600.D
Acq: 23 Apr 2021 13:15

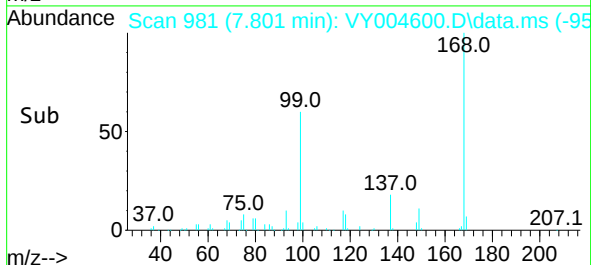
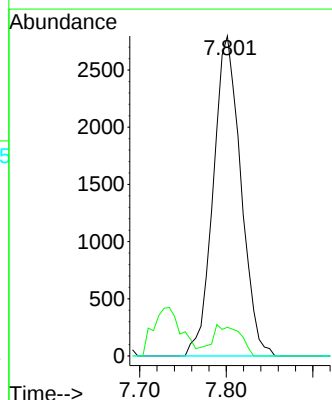
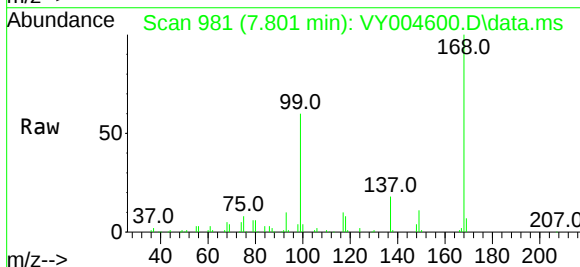
Instrument :
MSVOA_Y
ClientSampled :

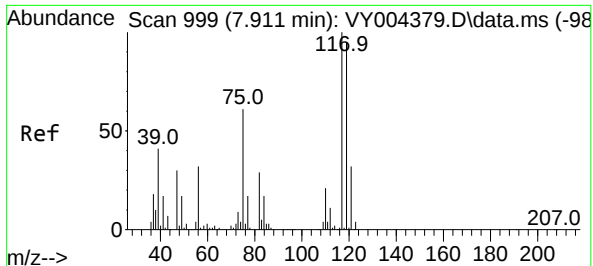
Tgt Ion:113 Resp: 40245
Ion Ratio Lower Upper
113 100
111 101.8 82.6 123.8
192 19.2 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.87 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004600.D
Acq: 23 Apr 2021 13:15

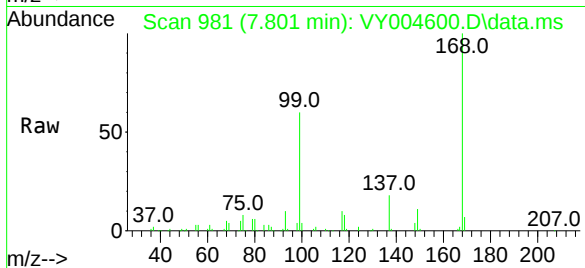
Tgt Ion: 75 Resp: 6184
Ion Ratio Lower Upper
75 100
110 9.6 17.3 51.7#
77 0.0 24.3 36.5#



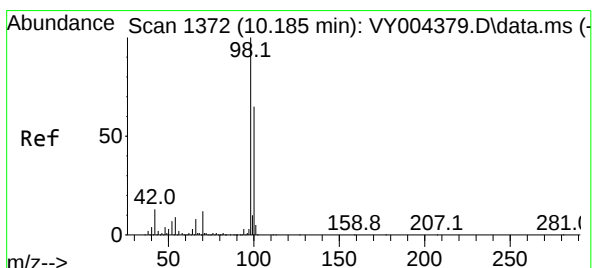
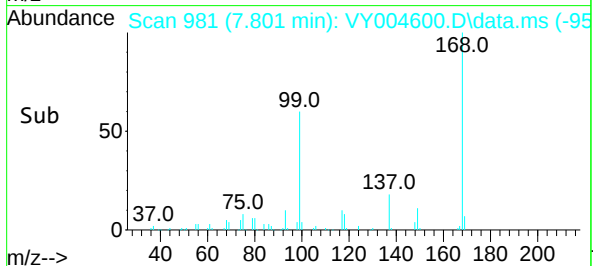
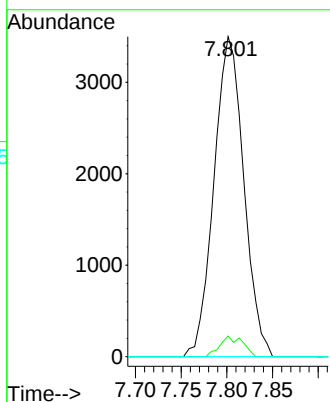


#38
Carbon Tetrachloride
Concen: 7.24 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.109 min
Lab File: VY004600.D
Acq: 23 Apr 2021 13:15

Instrument :
MSVOA_Y
ClientSampled :

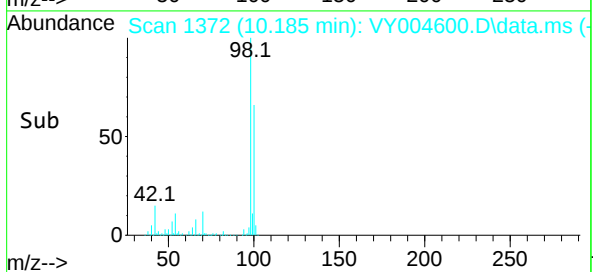
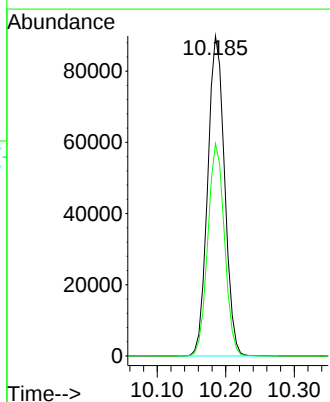
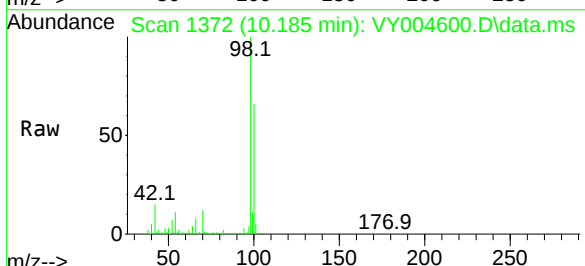


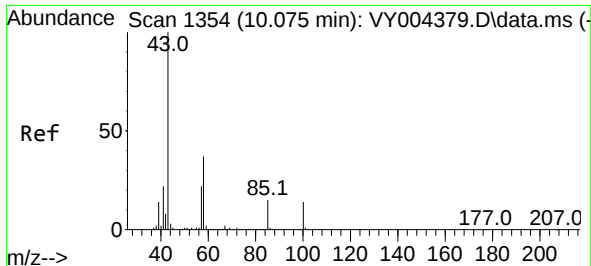
Tgt Ion:117 Resp: 7940
Ion Ratio Lower Upper
117 100
119 6.5 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 51.10 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004600.D
Acq: 23 Apr 2021 13:15

Tgt Ion: 98 Resp: 153996
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6

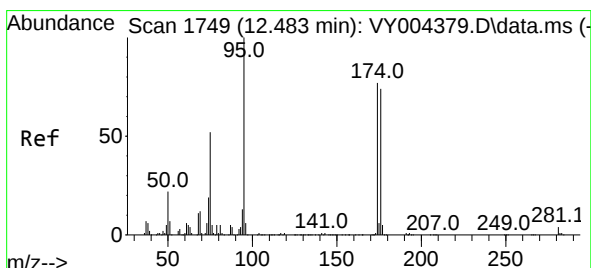
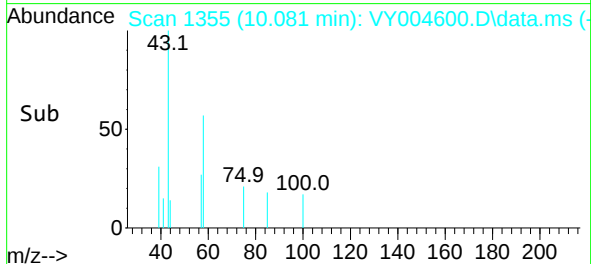
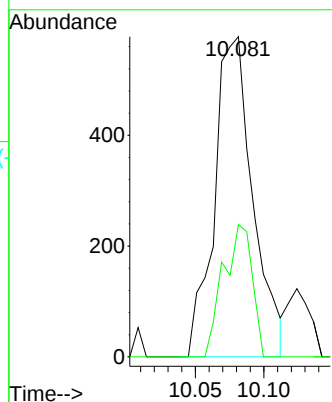
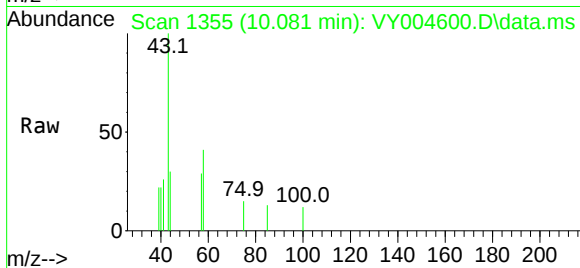




#51
4-Methyl-2-Pentanone
Concen: 1.42 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY004600.D
Acq: 23 Apr 2021 13:15

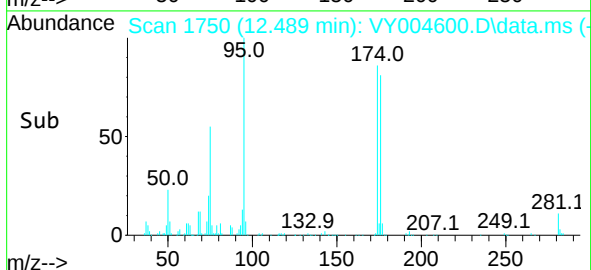
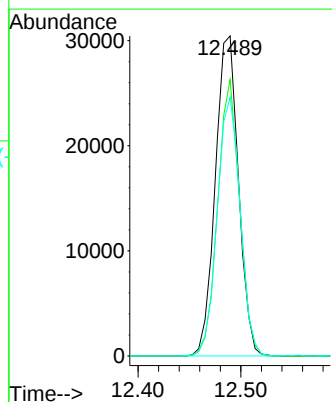
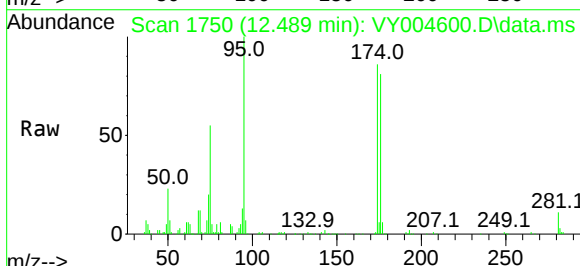
Instrument :
MSVOA_Y
ClientSampled :

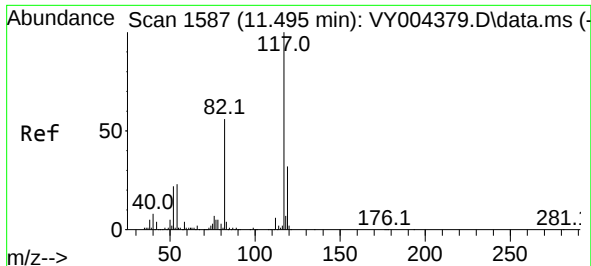
Tgt Ion: 43 Resp: 1129
Ion Ratio Lower Upper
43 100
58 30.9 29.2 43.8



#62
4-Bromofluorobenzene
Concen: 46.49 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004600.D
Acq: 23 Apr 2021 13:15

Tgt Ion: 95 Resp: 47540
Ion Ratio Lower Upper
95 100
174 81.6 0.0 162.4
176 80.4 0.0 156.0

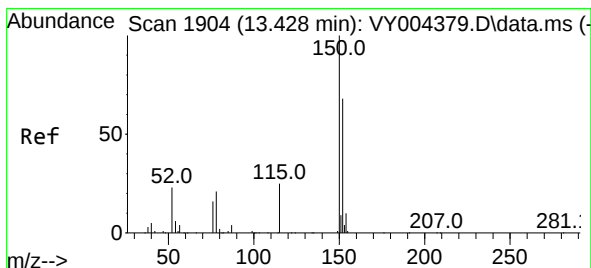
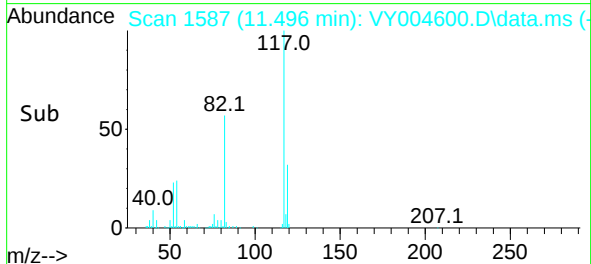
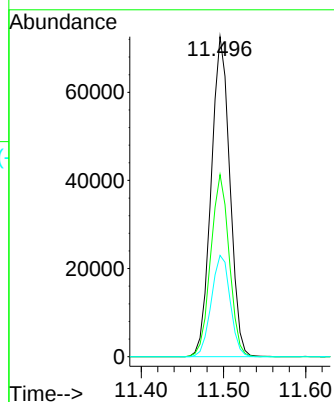
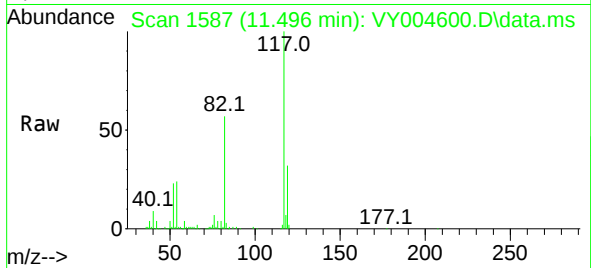




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004600.D
Acq: 23 Apr 2021 13:15

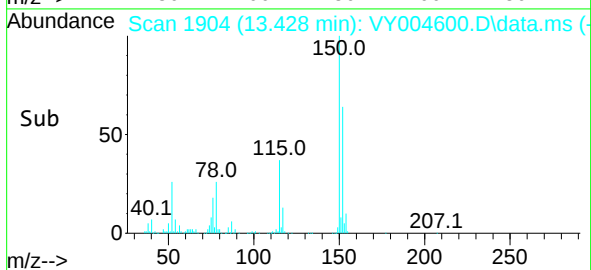
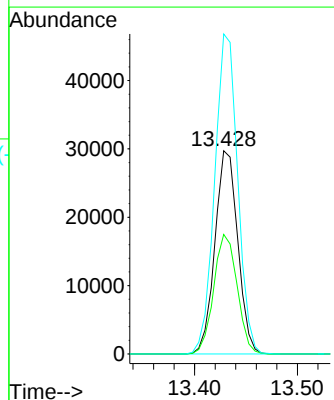
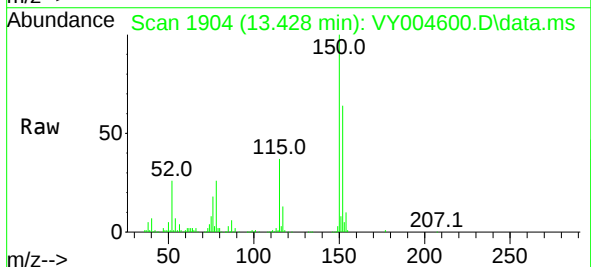
Instrument :
MSVOA_Y
ClientSampled :

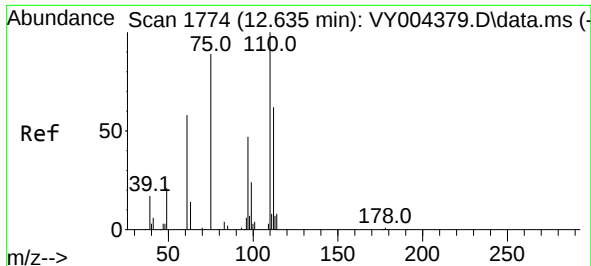
Tgt Ion:117 Resp: 114503
Ion Ratio Lower Upper
117 100
82 56.9 44.9 67.3
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004600.D
Acq: 23 Apr 2021 13:15

Tgt Ion:152 Resp: 45849
Ion Ratio Lower Upper
152 100
115 60.3 29.6 88.8
150 158.4 0.0 348.4

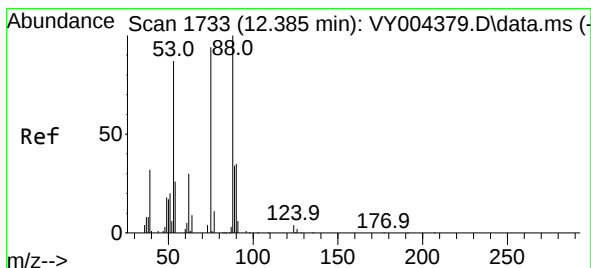
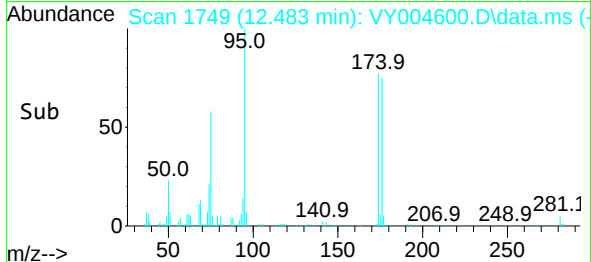
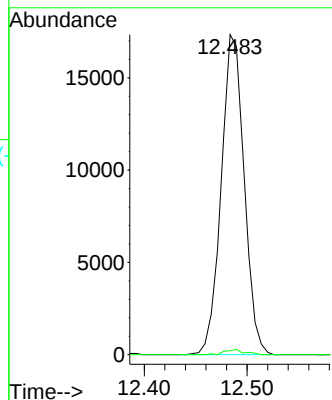
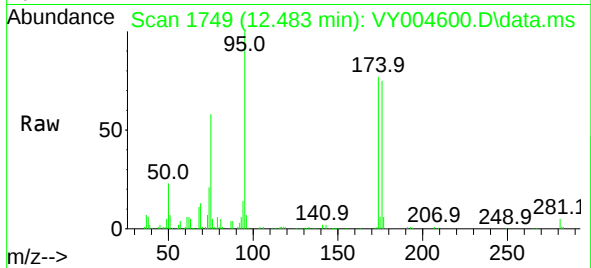




#76
1,2,3-Trichloropropane
Concen: 54.61 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004600.D
Acq: 23 Apr 2021 13:15

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 26872
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.69 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004600.D
Acq: 23 Apr 2021 13:15

Tgt Ion: 75 Resp: 26872
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.0 36.1 54.1#

