

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
 Data File : VY004431.D
 Acq On : 15 Apr 2021 10:45
 Operator : SY/MD
 Sample : VY0415SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 16 05:02:07 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)

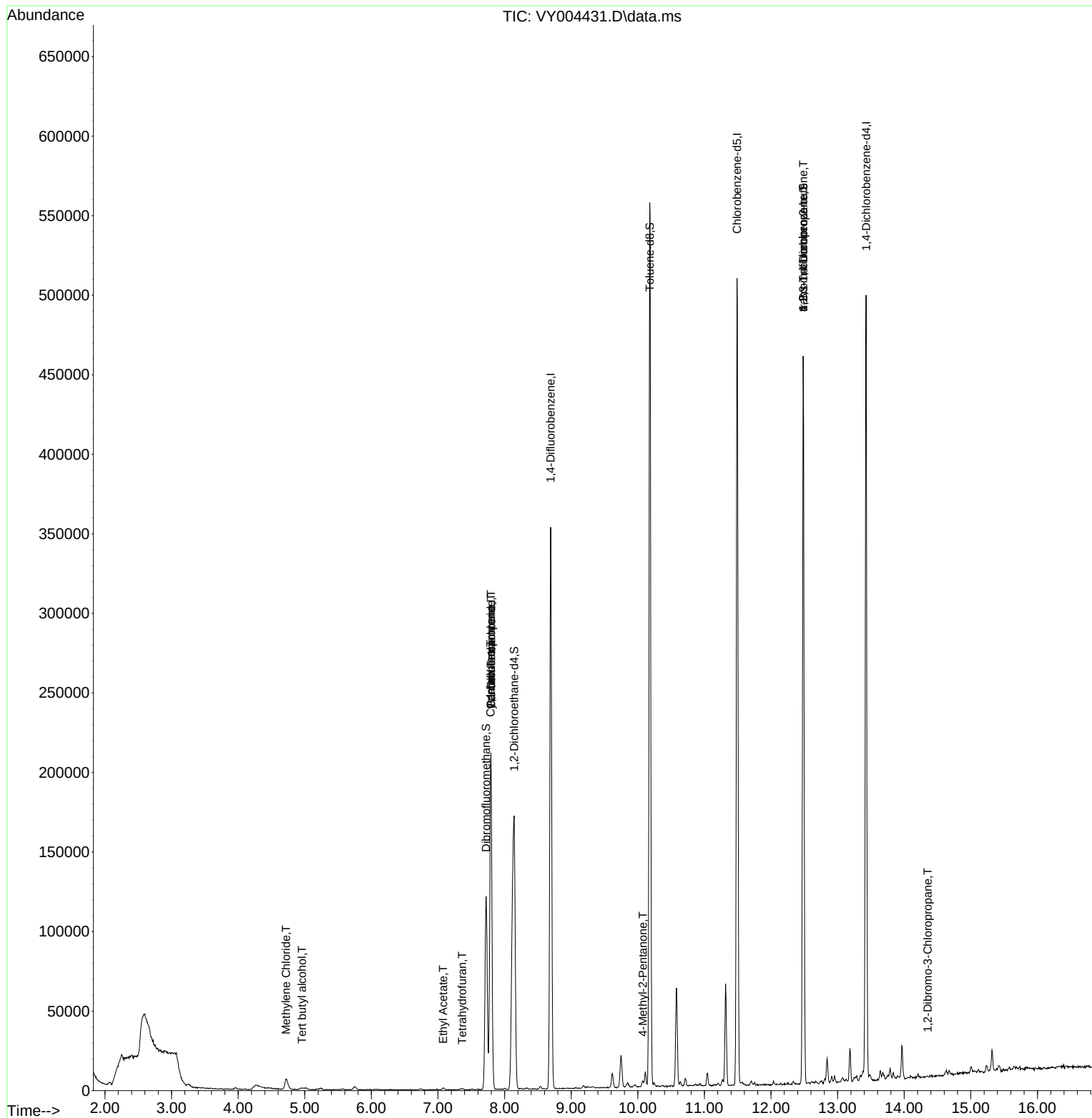
Internal Standards						
1) Pentafluorobenzene	7.795	168	161691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	284224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	267049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	118633	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	99829	55.57	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.14%
35) Dibromofluoromethane	7.722	113	84643	53.66	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.32%
50) Toluene-d8	10.179	98	354093	52.78	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.56%
62) 4-Bromofluorobenzene	12.483	95	116539	51.19	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.38%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	2279	12.87	ug/l #	90
16) Acetone	3.960	43	1918	Below Cal	#	85
20) Methylene Chloride	4.716	84	4523	2.61	ug/l	95
29) Tetrahydrofuran	7.362	42	657	1.34	ug/l #	84
31) Cyclohexane	7.789	56	3854	1.17	ug/l #	22
36) 1,1-Dichloropropene	7.795	75	12785	4.53	ug/l #	51
37) Ethyl Acetate	7.076	43	2001	1.10	ug/l #	86
38) Carbon Tetrachloride	7.795	117	15794	6.47	ug/l #	16
51) 4-Methyl-2-Pentanone	10.075	43	2812	1.59	ug/l	97
76) 1,2,3-Trichloropropane	12.483	75	64652	50.78	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	64652	90.83	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.355	75	444	1.43	ug/l #	5

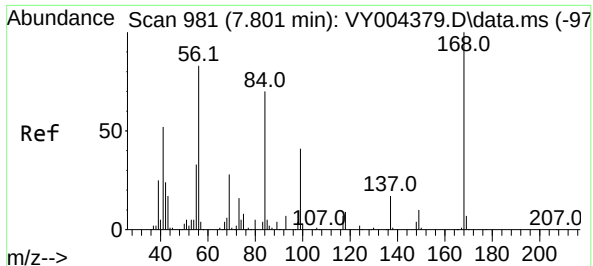
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

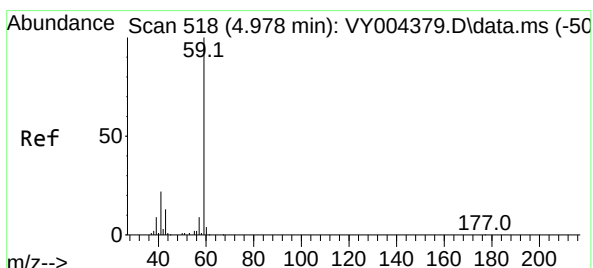
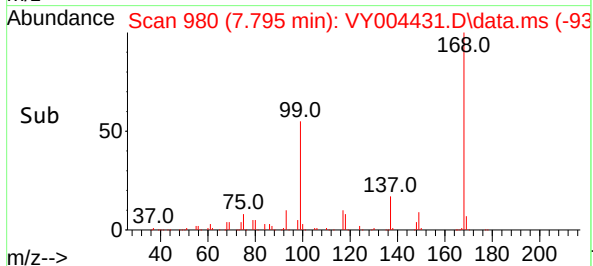
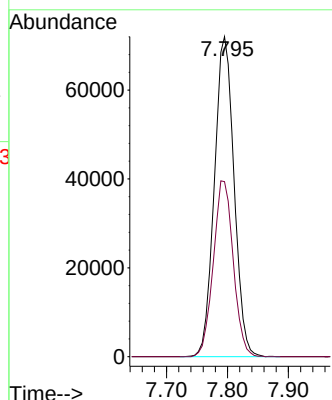
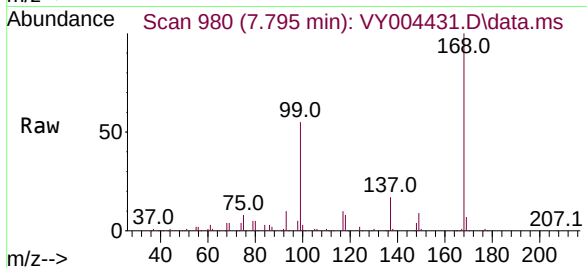




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004431.D
Acq: 15 Apr 2021 10:45

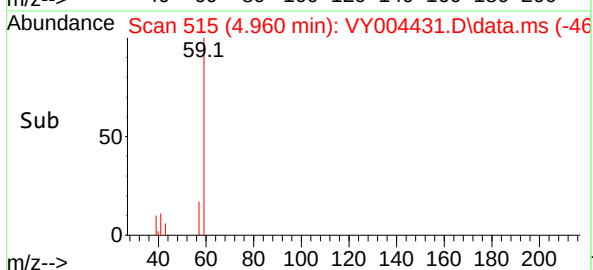
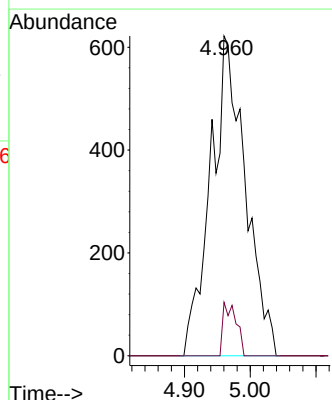
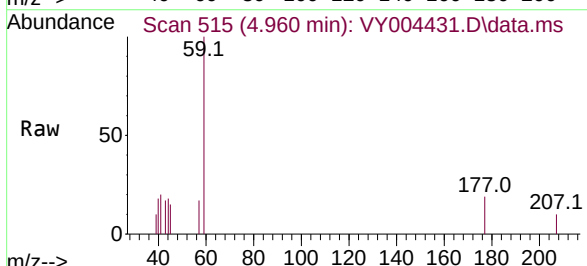
Instrument :
MSVOA_Y
ClientSampleId :

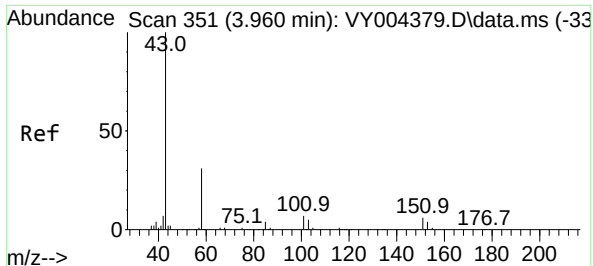
Tgt Ion:168 Resp: 161691
Ion Ratio Lower Upper
168 100
99 54.7 45.5 68.3



#11
Tert butyl alcohol
Concen: 12.87 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY004431.D
Acq: 15 Apr 2021 10:45

Tgt Ion: 59 Resp: 2279
Ion Ratio Lower Upper
59 100
57 6.4 8.1 12.1#

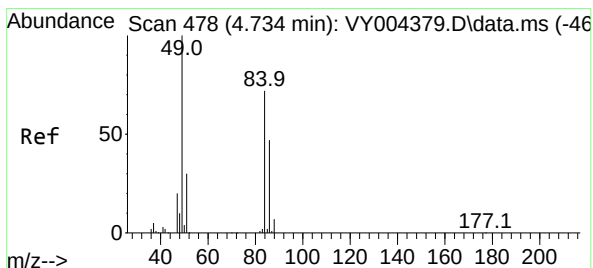
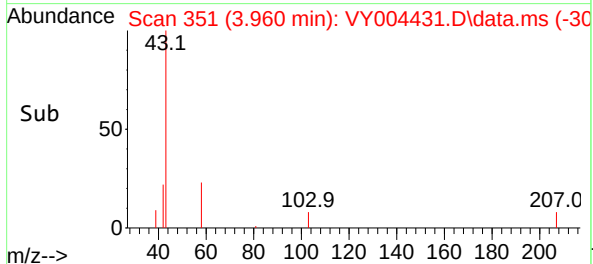
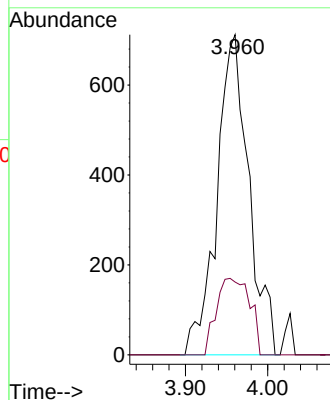
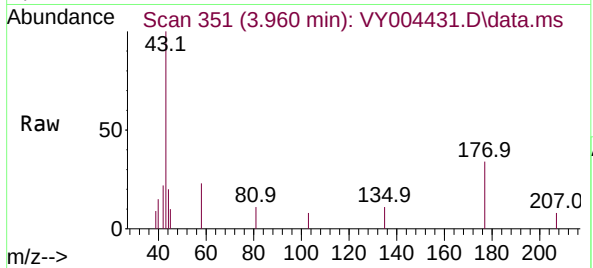




#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004431.D
Acq: 15 Apr 2021 10:45

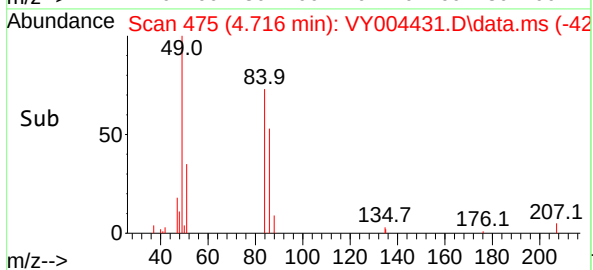
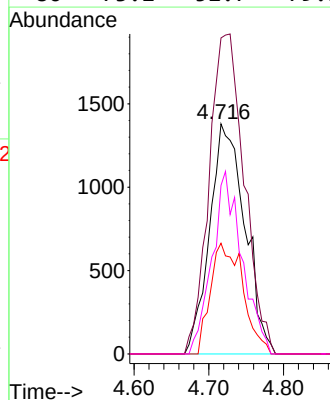
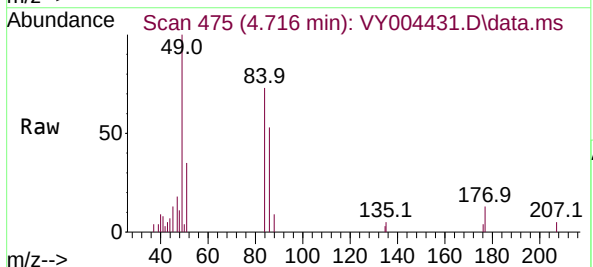
Instrument :
MSVOA_Y
ClientSampled :

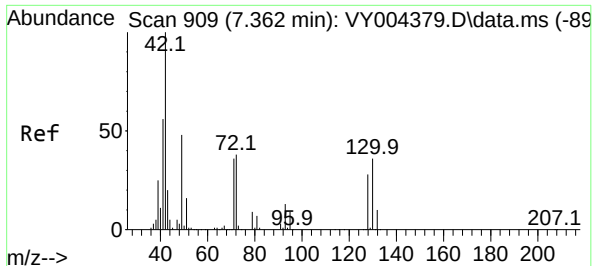
Tgt Ion: 43 Resp: 1918
Ion Ratio Lower Upper
43 100
58 22.8 24.6 37.0#



#20
Methylene Chloride
Concen: 2.61 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.018 min
Lab File: VY004431.D
Acq: 15 Apr 2021 10:45

Tgt Ion: 84 Resp: 4523
Ion Ratio Lower Upper
84 100
49 137.3 111.2 166.8
51 48.1 33.4 50.2
86 73.2 52.7 79.1





#29

Tetrahydrofuran

Concen: 1.34 ug/l

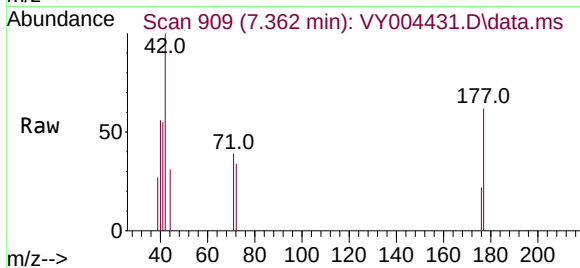
RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

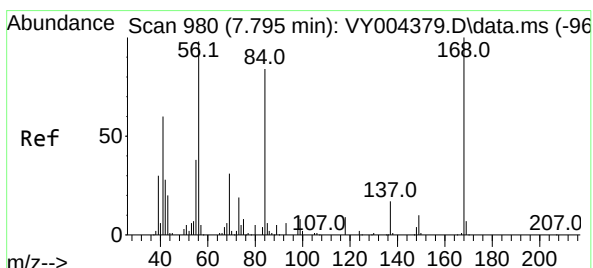
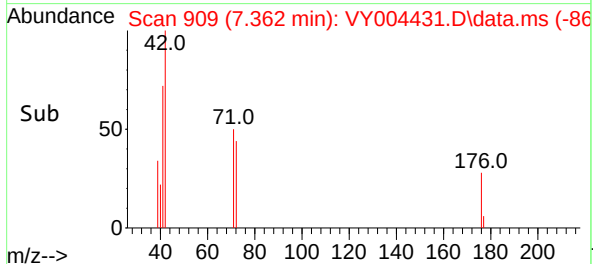
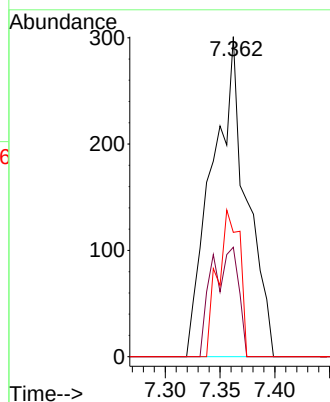
Lab File: VY004431.D

Acq: 15 Apr 2021 10:45

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion:	42	Resp:	657
Ion	Ratio	Lower	Upper
42	100		
72	26.5	31.0	46.4#
71	29.1	28.8	43.2



#31

Cyclohexane

Concen: 1.17 ug/l

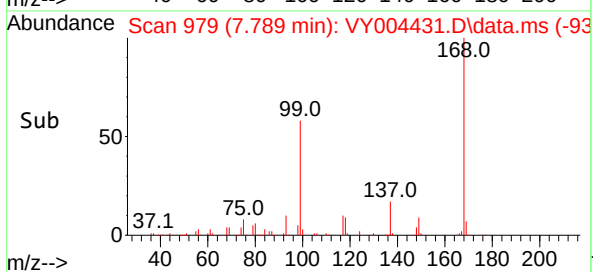
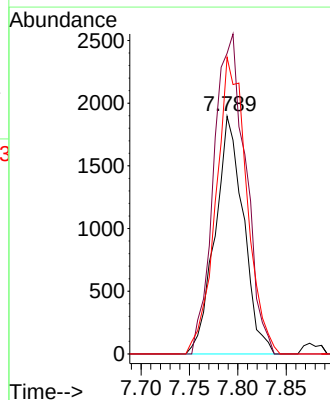
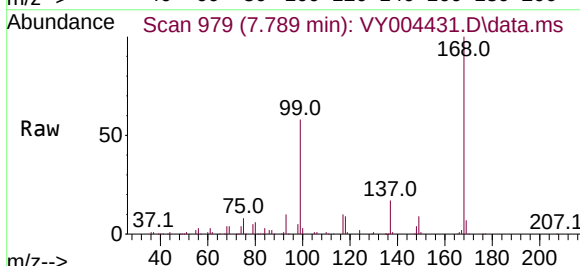
RT: 7.789 min Scan# 979

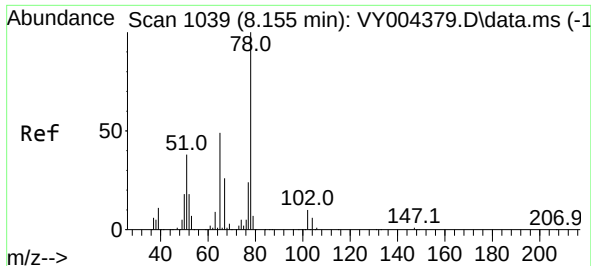
Delta R.T. -0.006 min

Lab File: VY004431.D

Acq: 15 Apr 2021 10:45

Tgt Ion:	56	Resp:	3854
Ion	Ratio	Lower	Upper
56	100		
69	126.5	25.8	38.6#
84	124.9	68.2	102.4#

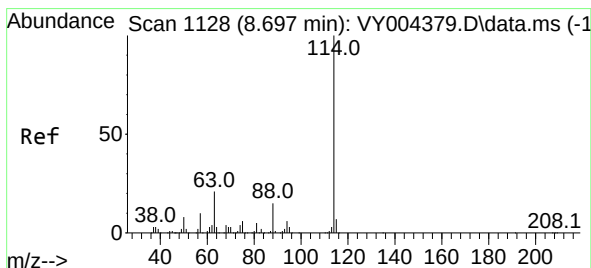
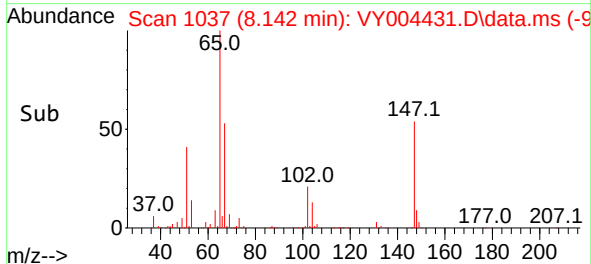
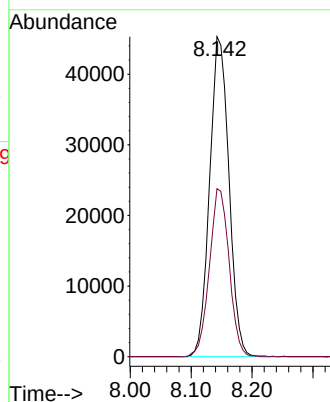
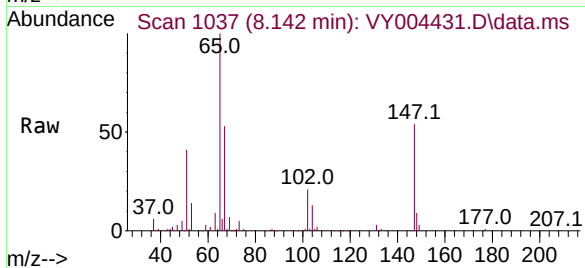




#33
1,2-Dichloroethane-d4
Concen: 55.57 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY004431.D
Acq: 15 Apr 2021 10:45

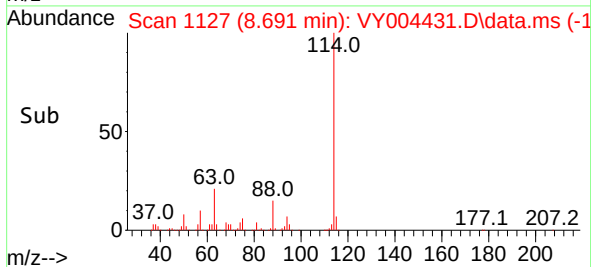
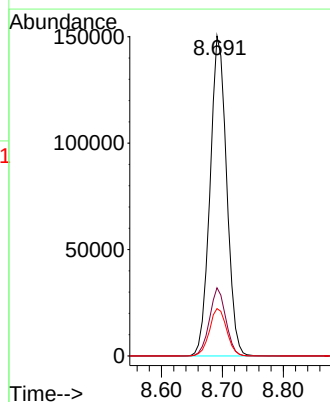
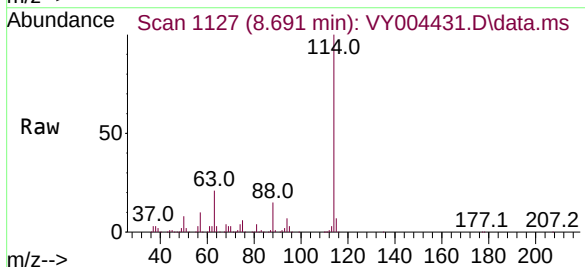
Instrument :
MSVOA_Y
ClientSampled :

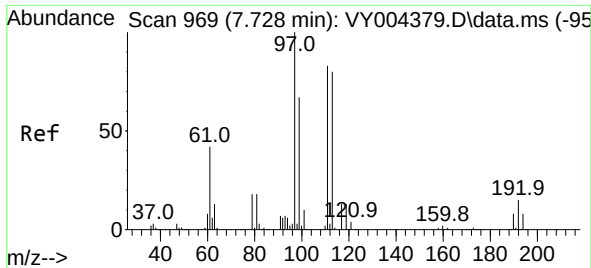
Tgt Ion: 65 Resp: 99829
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004431.D
Acq: 15 Apr 2021 10:45

Tgt Ion: 114 Resp: 284224
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.4
88 14.8 0.0 30.8

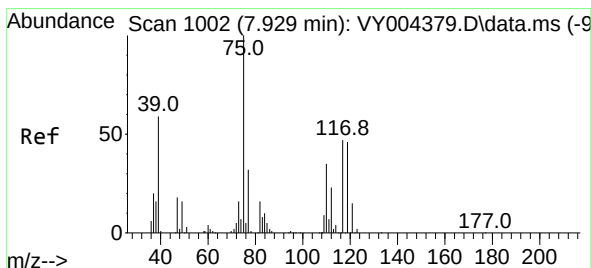
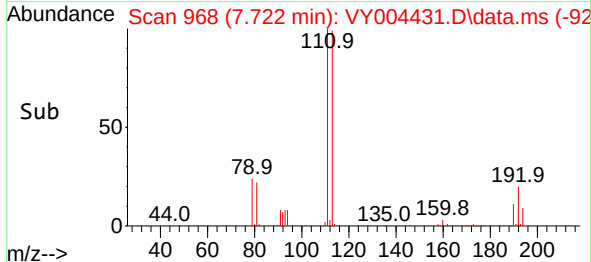
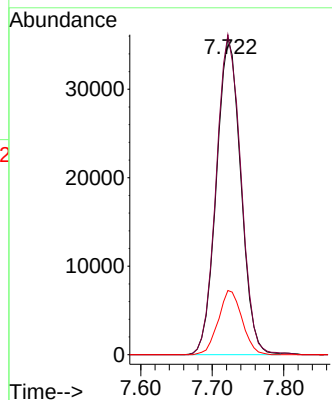
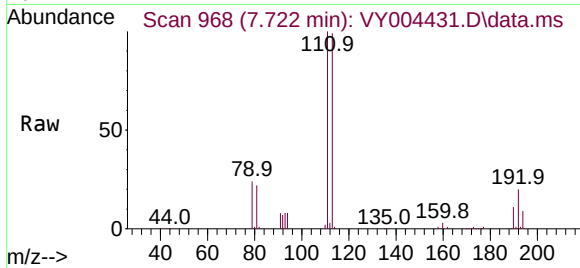




#35
Dibromofluoromethane
Concen: 53.66 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004431.D
Acq: 15 Apr 2021 10:45

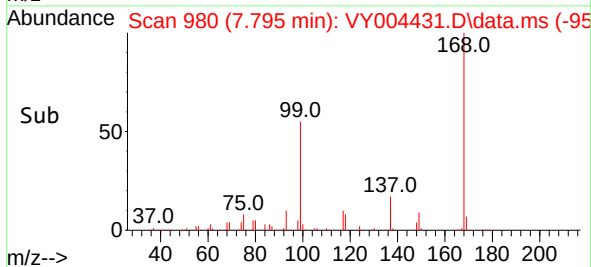
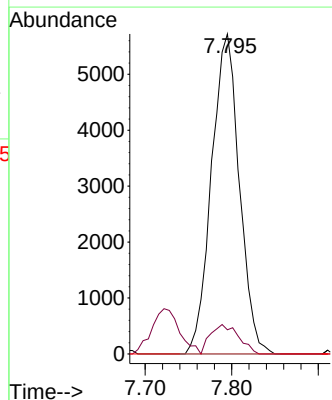
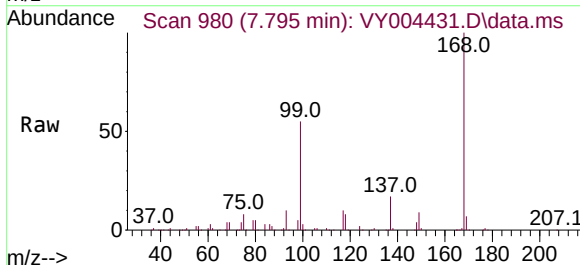
Instrument :
MSVOA_Y
ClientSampled :

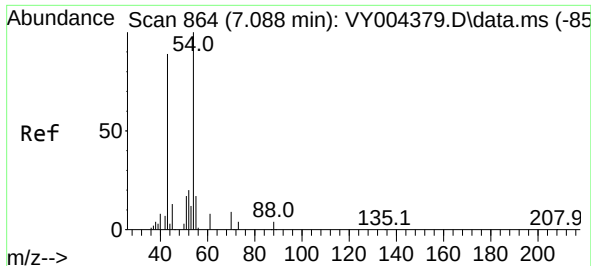
Tgt Ion:	113	Resp:	84643
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	123.8
192	19.7	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.53 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004431.D
Acq: 15 Apr 2021 10:45

Tgt Ion:	75	Resp:	12785
Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.3	51.7#
77	0.0	24.3	36.5#





#37

Ethyl Acetate

Concen: 1.10 ug/l

RT: 7.076 min Scan# 862

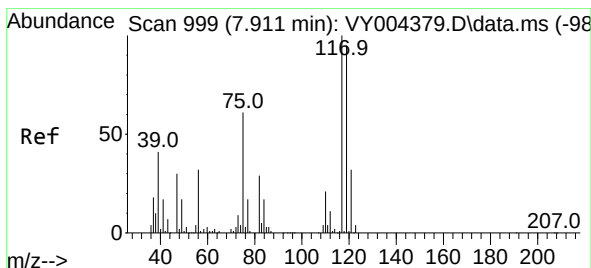
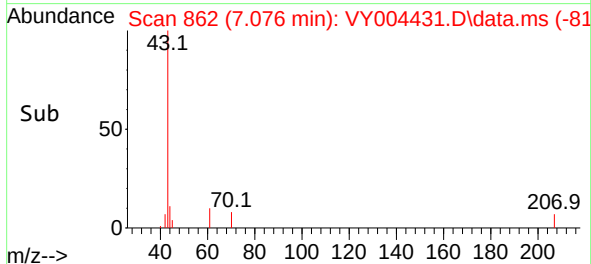
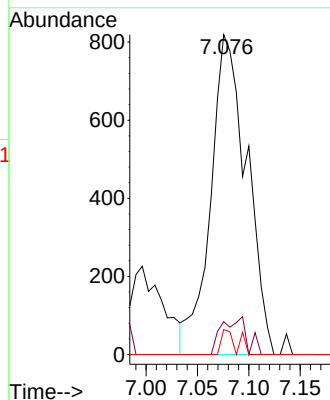
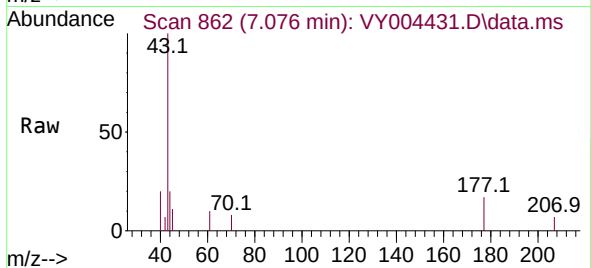
Delta R.T. -0.012 min

Lab File: VY004431.D

Acq: 15 Apr 2021 10:45

Tgt Ion:	43	Resp:	2001
Ion	Ratio	Lower	Upper
43	100		
61	8.2	10.4	15.6#
70	3.2	7.5	11.3#

Instrument :
MSVOA_Y
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.47 ug/l

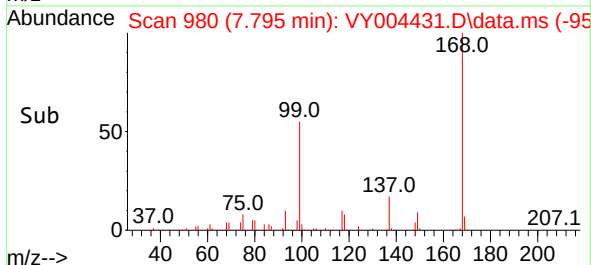
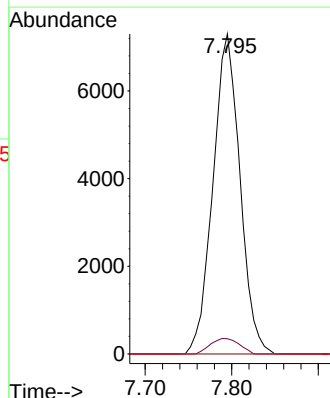
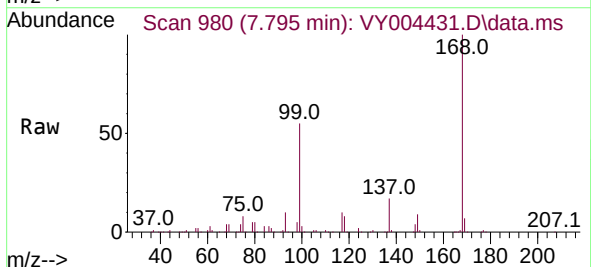
RT: 7.795 min Scan# 980

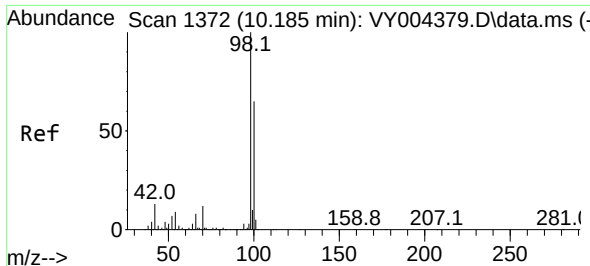
Delta R.T. -0.116 min

Lab File: VY004431.D

Acq: 15 Apr 2021 10:45

Tgt Ion:	117	Resp:	15794
Ion	Ratio	Lower	Upper
117	100		
119	4.8	75.8	113.8#
121	0.0	25.3	37.9#

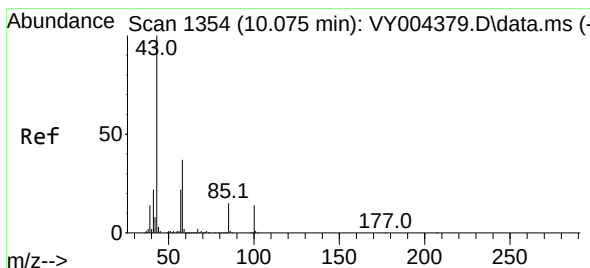
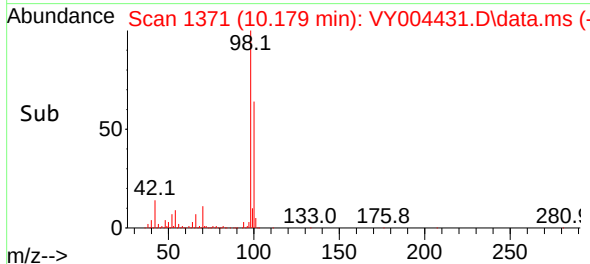
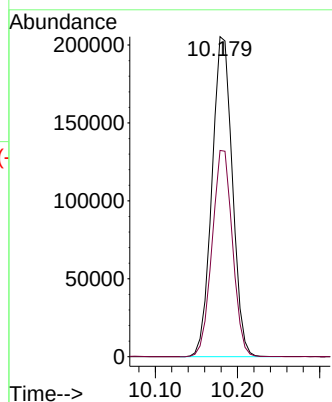
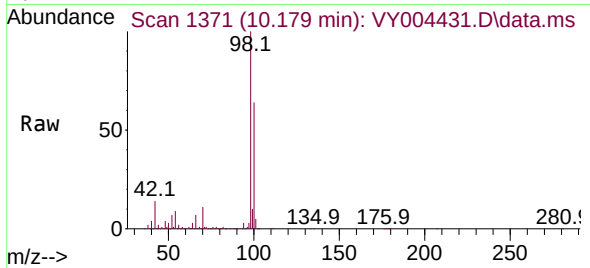




#50
Toluene-d8
Concen: 52.78 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004431.D
Acq: 15 Apr 2021 10:45

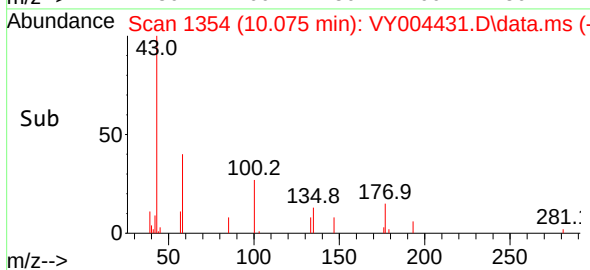
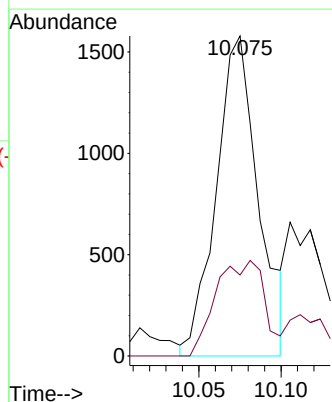
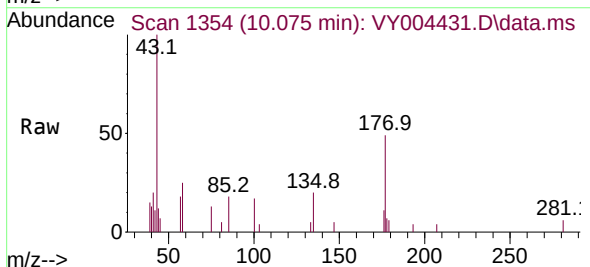
Instrument :
MSVOA_Y
ClientSampled :

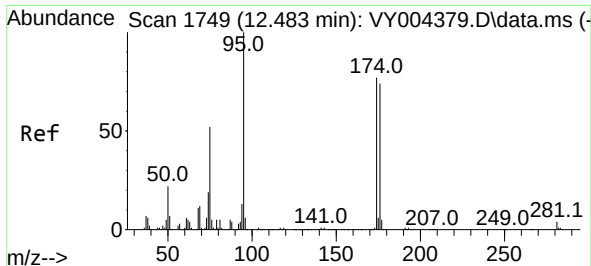
Tgt Ion: 98 Resp: 354093
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.59 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004431.D
Acq: 15 Apr 2021 10:45

Tgt Ion: 43 Resp: 2812
Ion Ratio Lower Upper
43 100
58 34.6 29.2 43.8

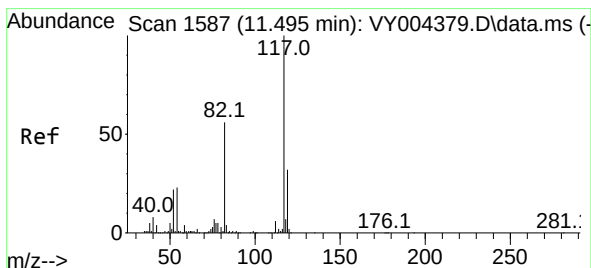
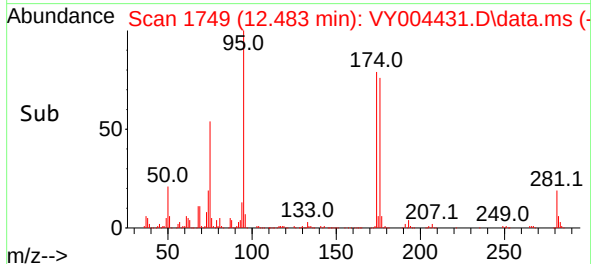
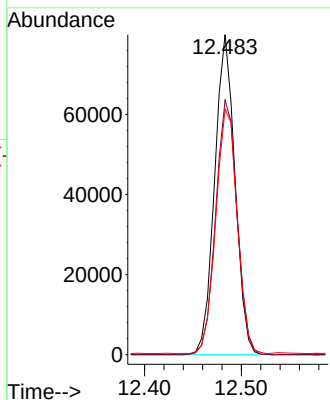
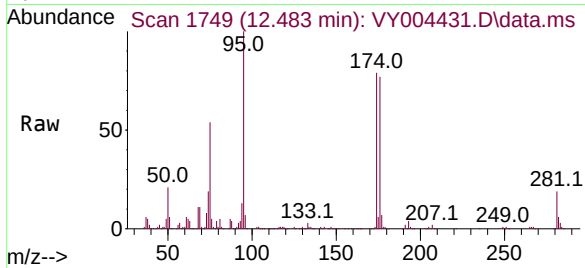




#62
4-Bromofluorobenzene
Concen: 51.19 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004431.D
Acq: 15 Apr 2021 10:45

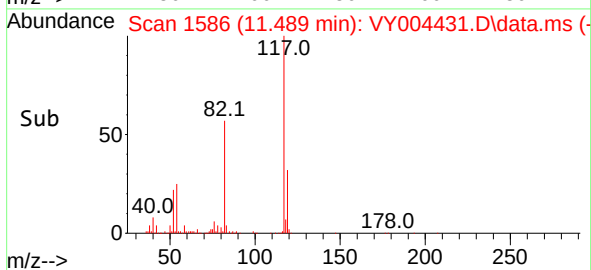
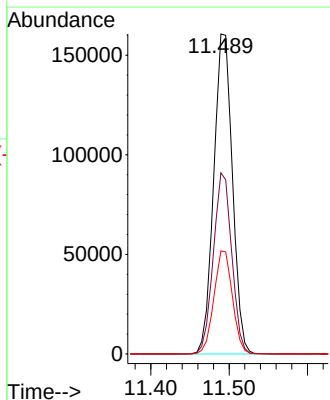
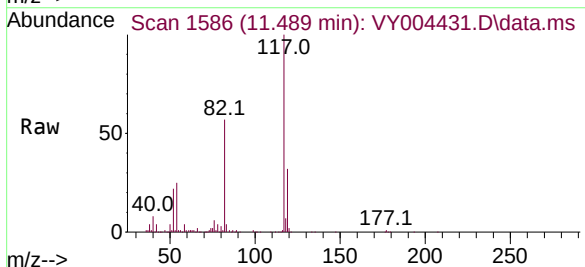
Instrument :
MSVOA_Y
ClientSampleId :

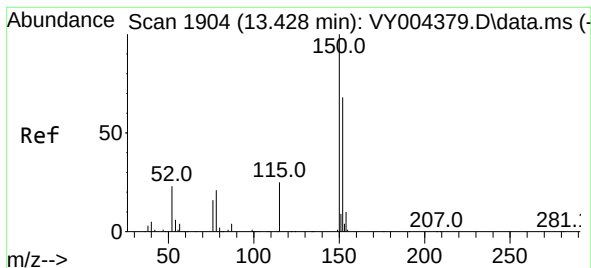
Tgt Ion: 95 Resp: 116539
Ion Ratio Lower Upper
95 100
174 83.8 0.0 162.4
176 81.0 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004431.D
Acq: 15 Apr 2021 10:45

Tgt Ion: 117 Resp: 267049
Ion Ratio Lower Upper
117 100
82 56.6 44.9 67.3
119 32.2 25.4 38.0

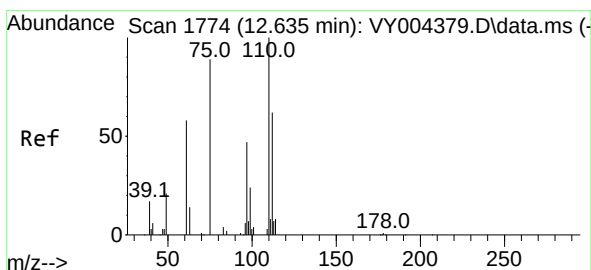
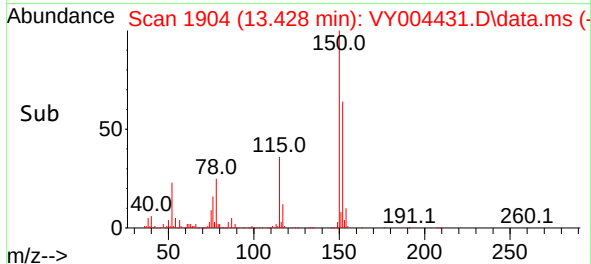
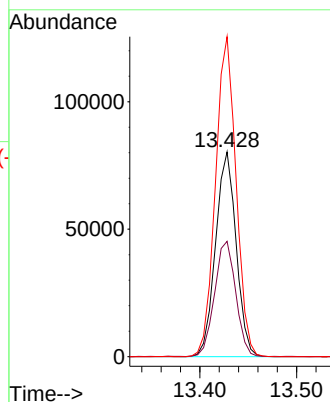
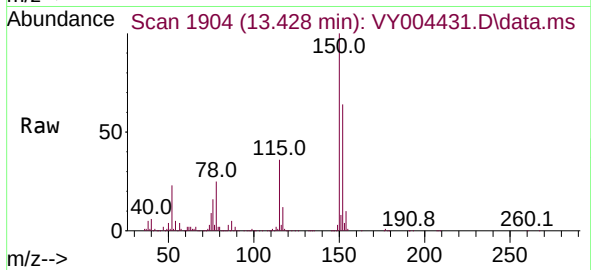




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004431.D
 Acq: 15 Apr 2021 10:45

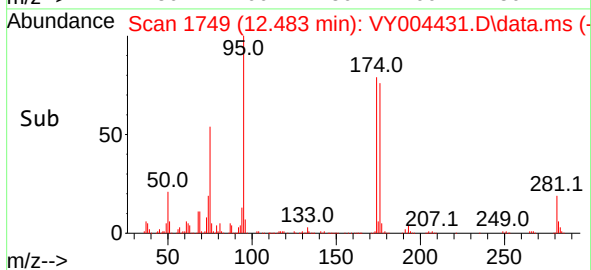
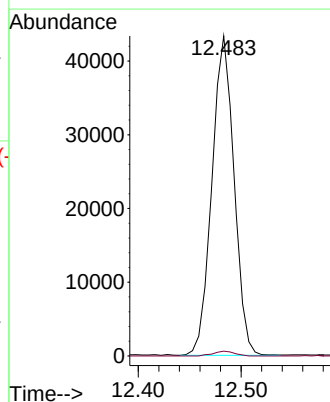
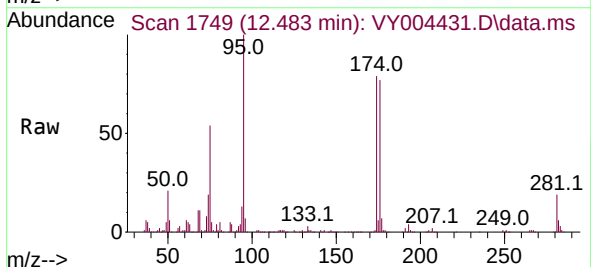
Instrument :
 MSVOA_Y
 ClientSampleId :

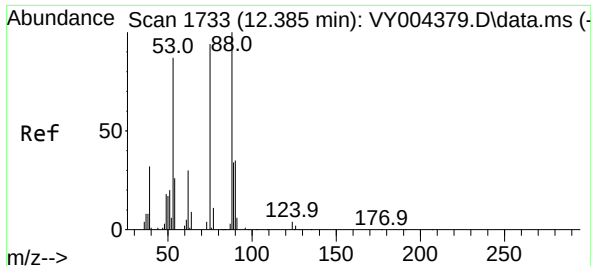
Tgt Ion:152 Resp: 118633
 Ion Ratio Lower Upper
 152 100
 115 57.8 29.6 88.8
 150 156.2 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 50.78 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004431.D
 Acq: 15 Apr 2021 10:45

Tgt Ion: 75 Resp: 64652
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

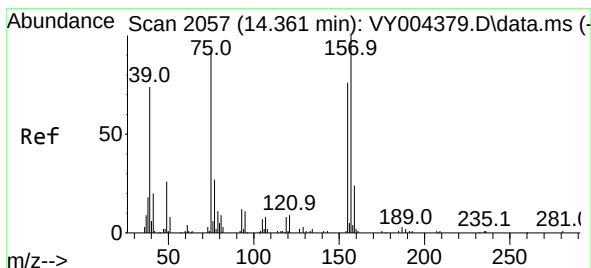
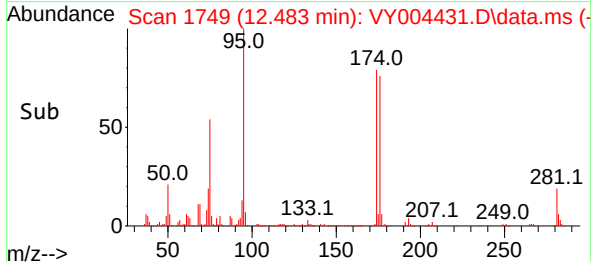
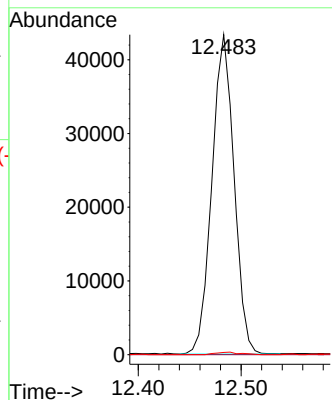
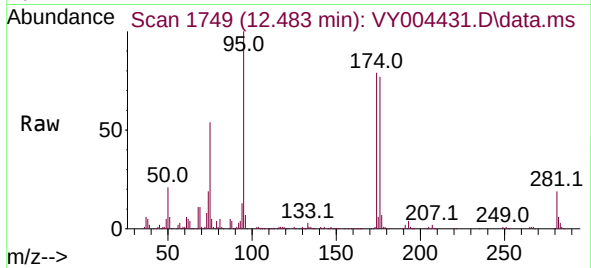




#81
trans-1,4-Dichloro-2-butene
Concen: 90.83 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004431.D
Acq: 15 Apr 2021 10:45

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 64652
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.9 36.1 54.1#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.43 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY004431.D
Acq: 15 Apr 2021 10:45

Tgt Ion: 75 Resp: 444
Ion Ratio Lower Upper
75 100
155 5.0 40.6 121.8#
157 0.0 53.0 159.0#

