

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
 Data File : VY004529.D
 Acq On : 20 Apr 2021 15:21
 Operator : SY/MD
 Sample : M2090-12
 Misc : 5.6G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

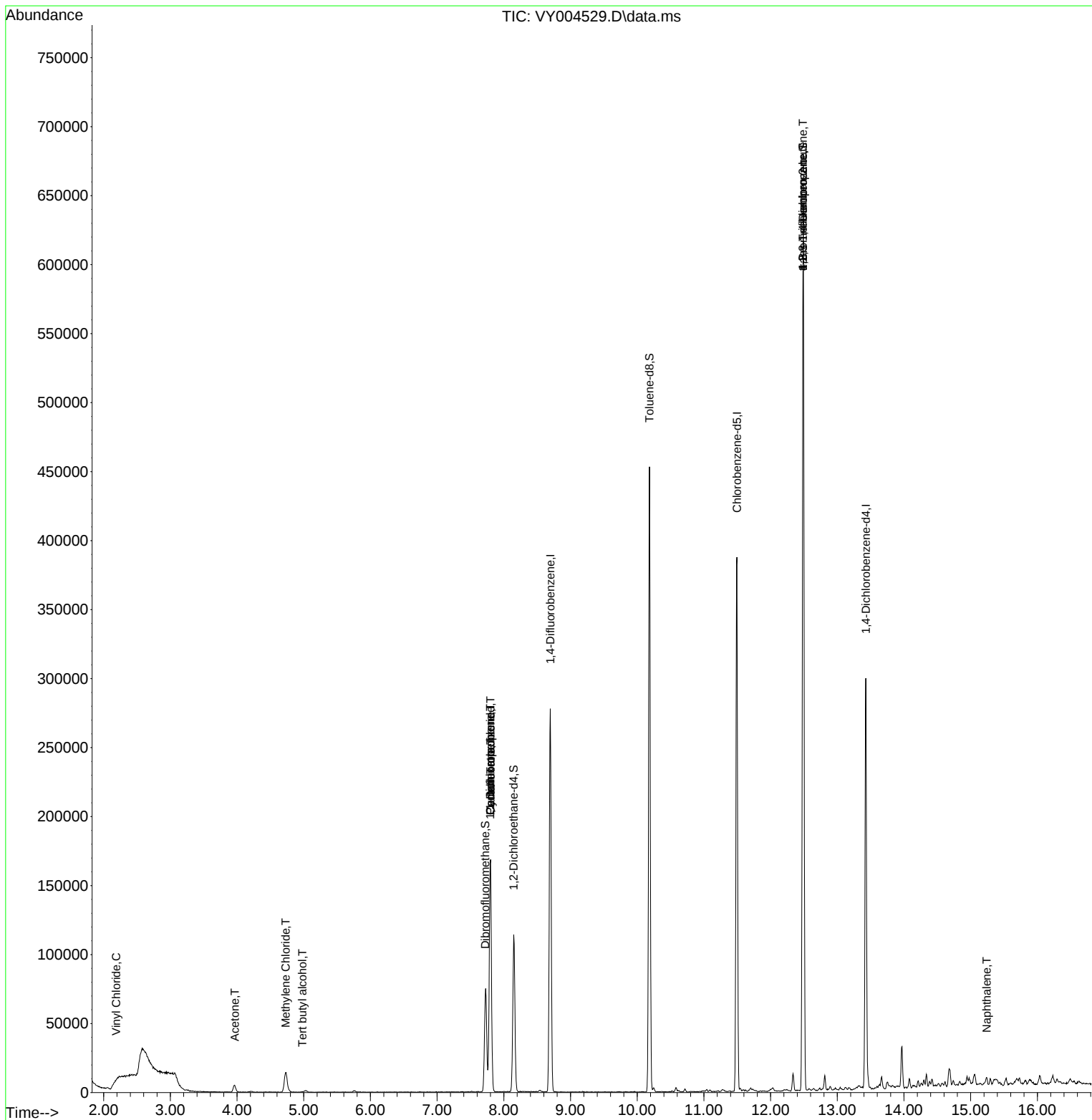
Quant Time: Apr 21 08:51:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

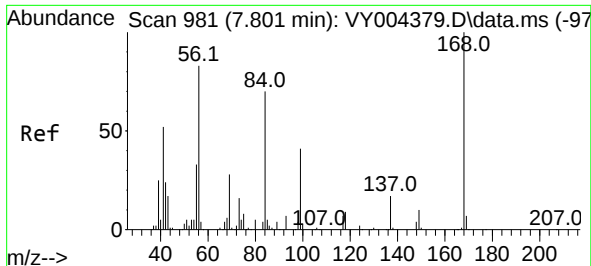
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	128008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	228101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	200132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71016	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	85678	60.24	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.48%
35) Dibromofluoromethane	7.722	113	51681	40.83	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.66%
50) Toluene-d8	10.185	98	273627	50.82	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.64%
62) 4-Bromofluorobenzene	12.483	95	83252	45.56	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.12%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.186	62	3378	1.87	ug/l #	43
11) Tert butyl alcohol	4.978	59	235	1.68	ug/l #	73
16) Acetone	3.966	43	8679	10.31	ug/l	100
20) Methylene Chloride	4.728	84	10116	7.36	ug/l	97
31) Cyclohexane	7.801	56	3241	1.24	ug/l #	4
36) 1,1-Dichloropropene	7.795	75	10394	4.59	ug/l #	50
38) Carbon Tetrachloride	7.801	117	12791	6.53	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	50456	66.20	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50456	118.42	ug/l #	13
95) Naphthalene	15.239	128	3777	1.29	ug/l #	96

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

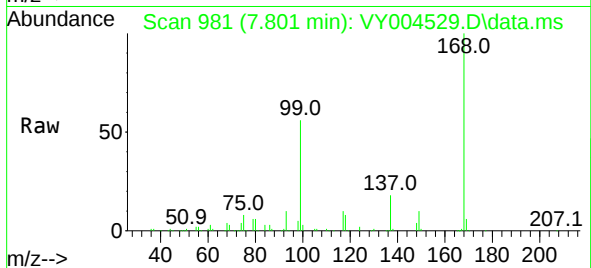
Quant Time: Apr 21 08:51:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



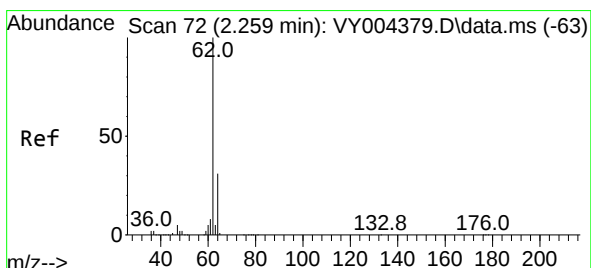
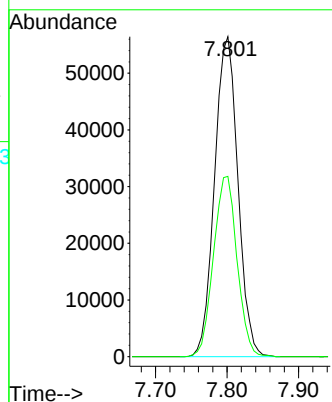
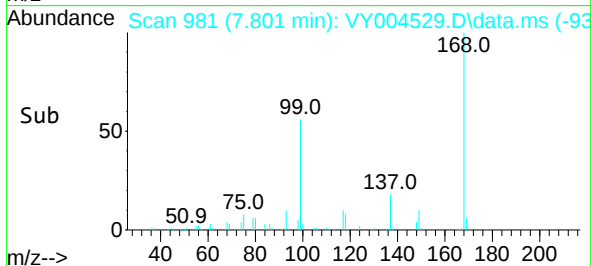


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004529.D
Acq: 20 Apr 2021 15:21

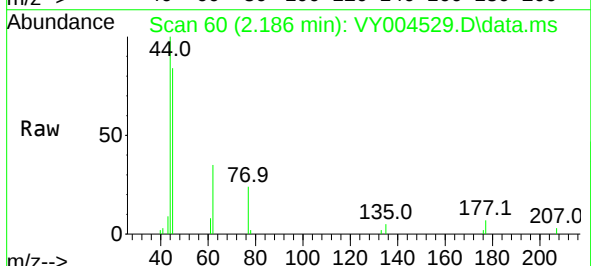
Instrument :
MSVOA_Y
ClientSampleId :



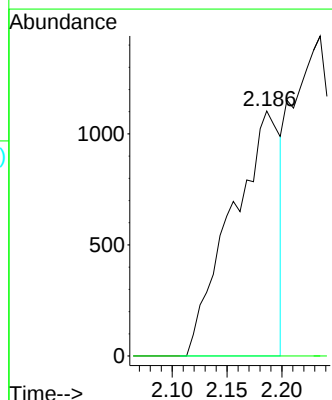
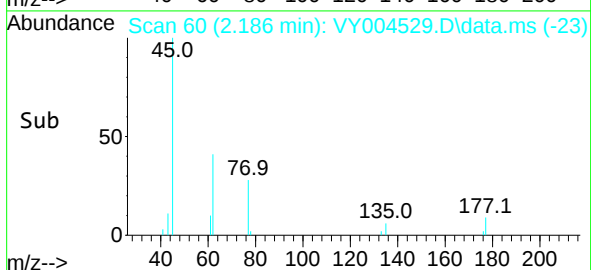
Tgt Ion:168 Resp: 128008
Ion Ratio Lower Upper
168 100
99 56.3 45.5 68.3

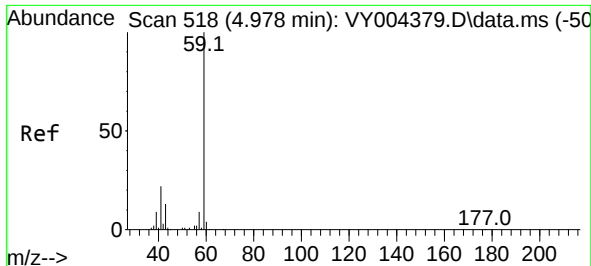


#4
Vinyl Chloride
Concen: 1.87 ug/l
RT: 2.186 min Scan# 60
Delta R.T. -0.073 min
Lab File: VY004529.D
Acq: 20 Apr 2021 15:21



Tgt Ion: 62 Resp: 3378
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



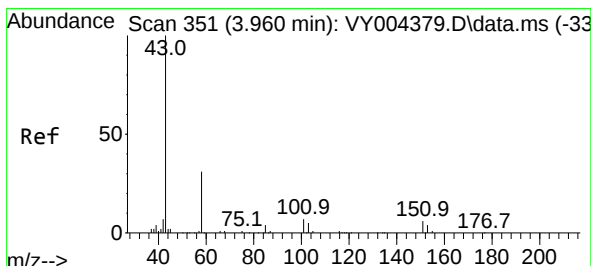
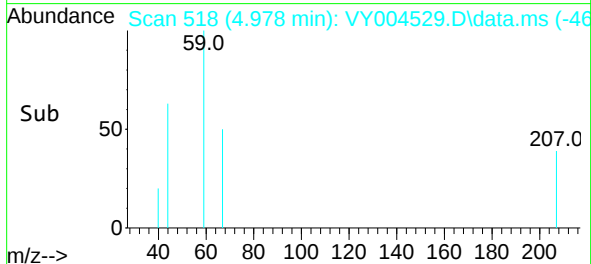
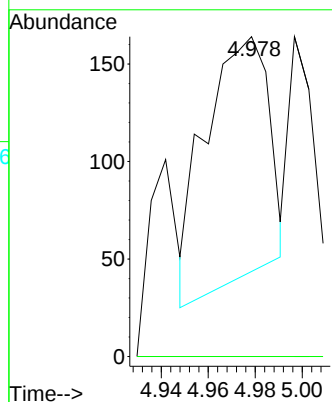
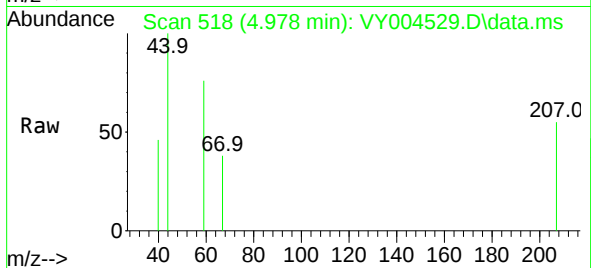


#11

Tert butyl alcohol
Concen: 1.68 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY004529.D
Acq: 20 Apr 2021 15:21

Instrument :
MSVOA_Y
ClientSampled :

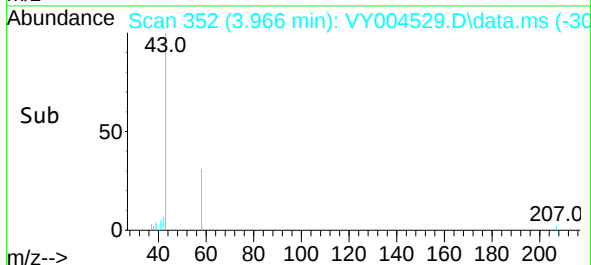
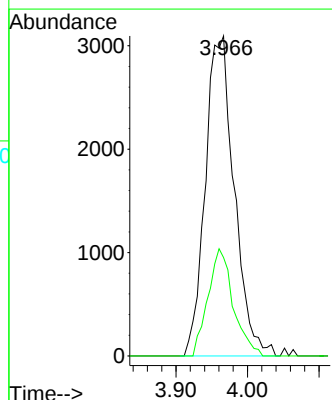
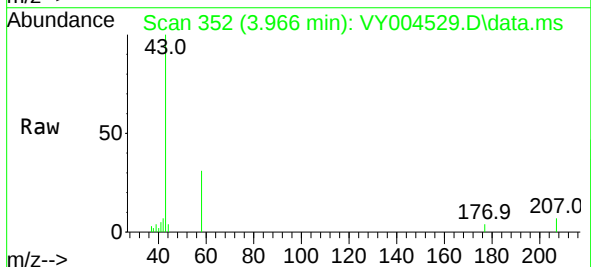
Tgt Ion: 59 Resp: 235
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

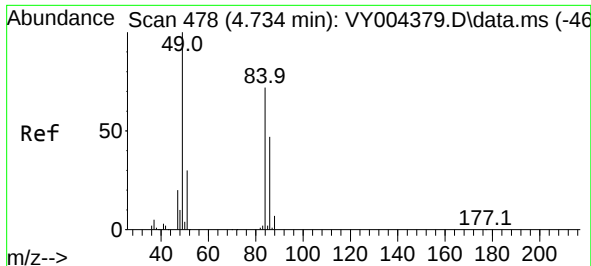


#16

Acetone
Concen: 10.31 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004529.D
Acq: 20 Apr 2021 15:21

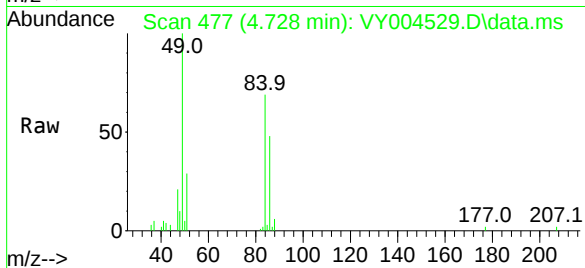
Tgt Ion: 43 Resp: 8679
Ion Ratio Lower Upper
43 100
58 30.7 24.6 37.0



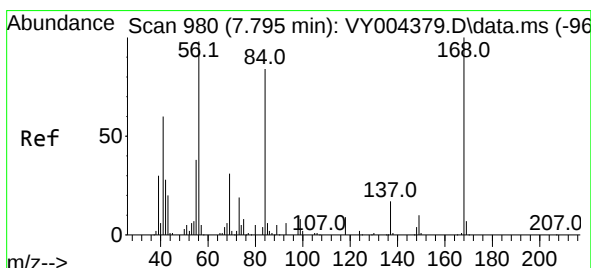
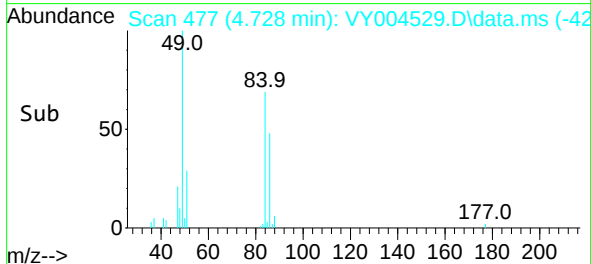
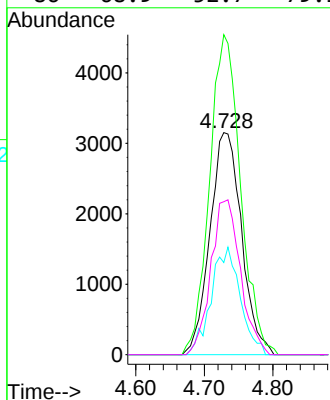


#20
Methylene Chloride
Concen: 7.36 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004529.D
Acq: 20 Apr 2021 15:21

Instrument :
MSVOA_Y
ClientSampleId :

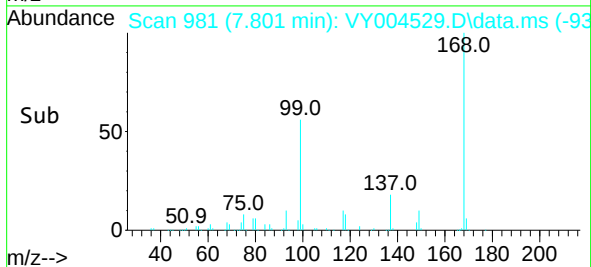
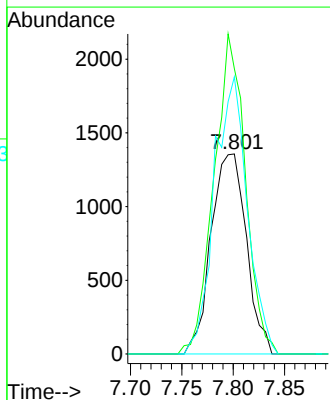
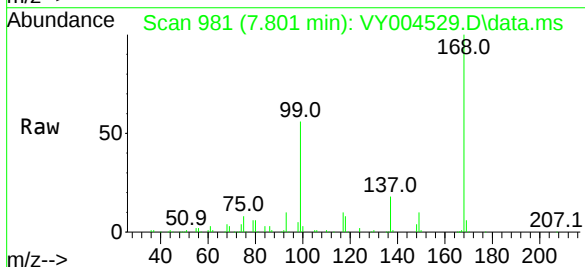


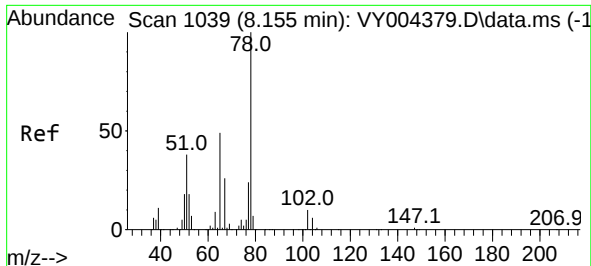
Tgt Ion:	84	Resp:	10116
Ion	Ratio	Lower	Upper
84	100		
49	144.1	111.2	166.8
51	41.5	33.4	50.2
86	68.9	52.7	79.1



#31
Cyclohexane
Concen: 1.24 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004529.D
Acq: 20 Apr 2021 15:21

Tgt Ion:	56	Resp:	3241
Ion	Ratio	Lower	Upper
56	100		
69	142.6	25.8	38.6#
84	138.5	68.2	102.4#

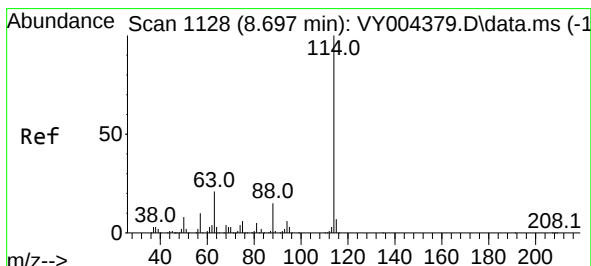
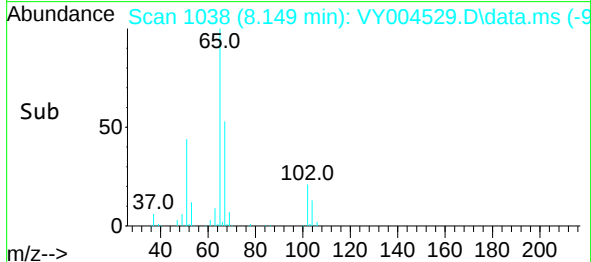
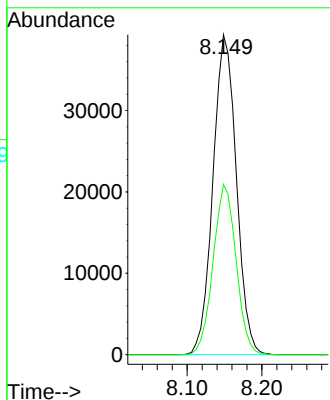
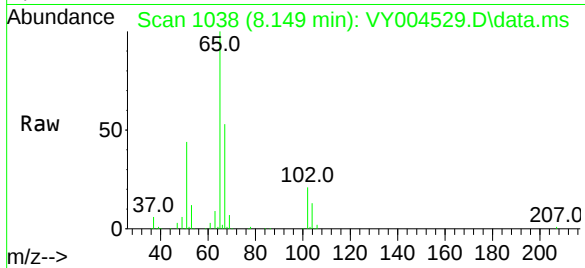




#33
1,2-Dichloroethane-d4
Concen: 60.24 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004529.D
Acq: 20 Apr 2021 15:21

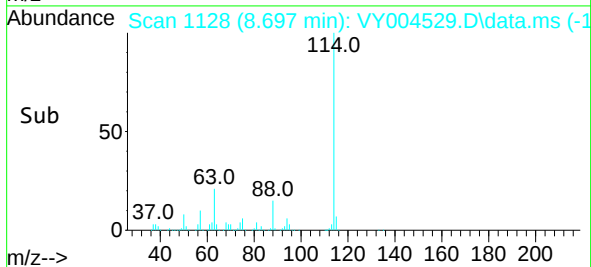
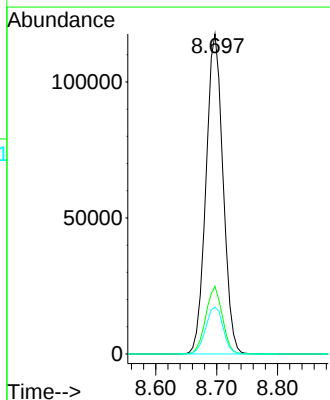
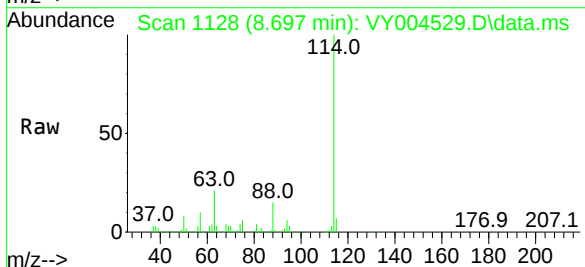
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 85678
Ion Ratio Lower Upper
65 100
67 52.2 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: VY004529.D
Acq: 20 Apr 2021 15:21

Tgt Ion:114 Resp: 228101
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.4
88 14.7 0.0 30.8

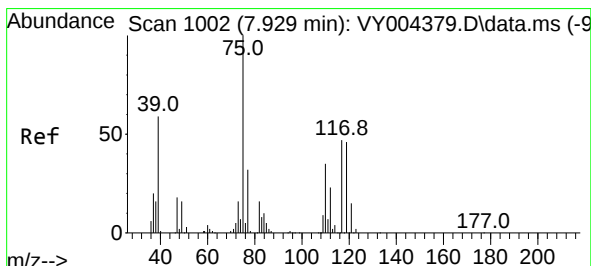
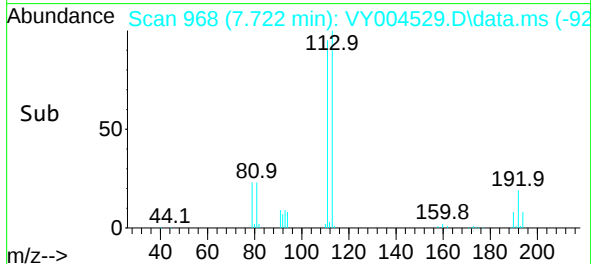
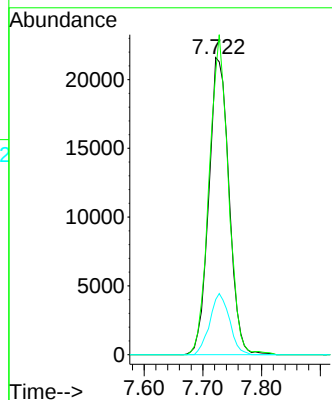
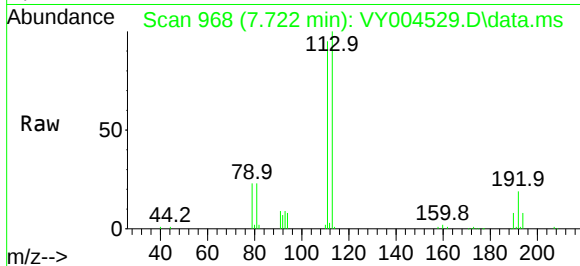




#35
Dibromofluoromethane
Concen: 40.83 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004529.D
Acq: 20 Apr 2021 15:21

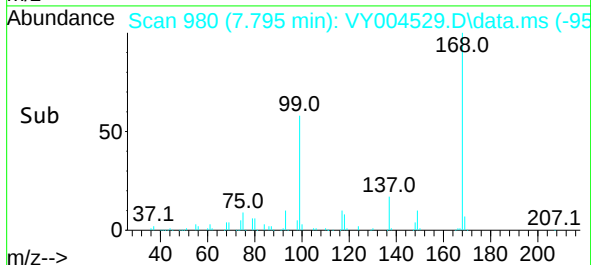
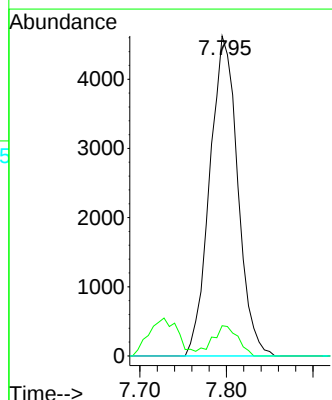
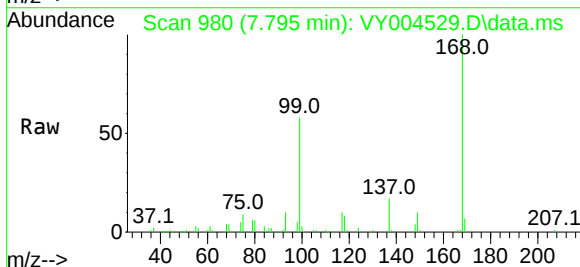
Instrument :
MSVOA_Y
ClientSampleId :

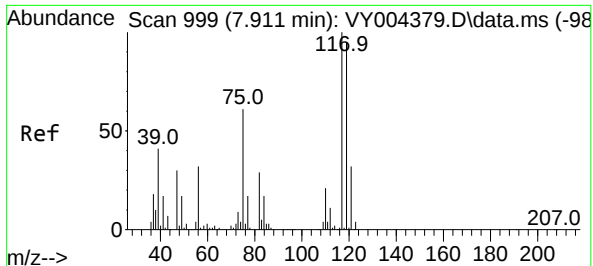
Tgt Ion:	113	Resp:	51681
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	123.8
192	20.0	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.59 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004529.D
Acq: 20 Apr 2021 15:21

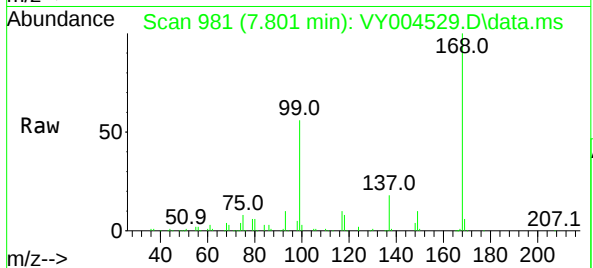
Tgt Ion:	75	Resp:	10394
Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.3	51.7#
77	0.0	24.3	36.5#



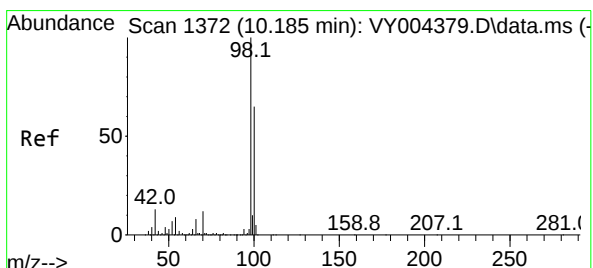
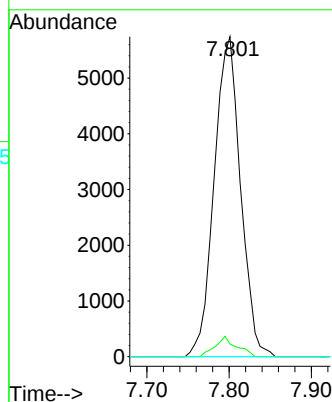
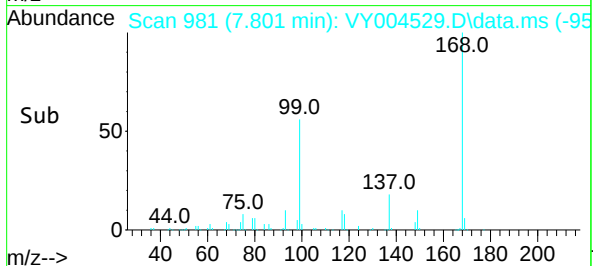


#38
Carbon Tetrachloride
Concen: 6.53 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004529.D
Acq: 20 Apr 2021 15:21

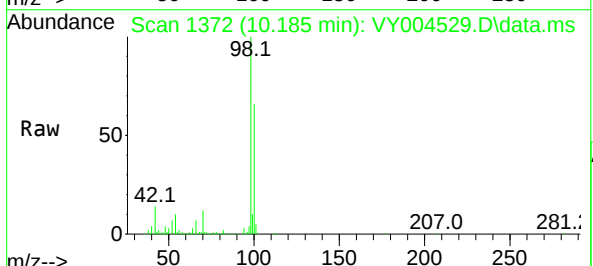
Instrument :
MSVOA_Y
ClientSampled :



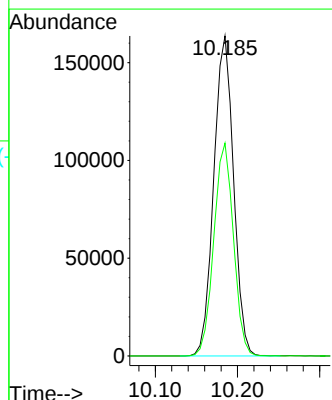
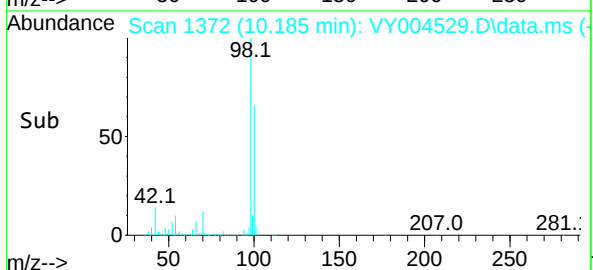
Tgt Ion:117 Resp: 12791
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.8#
121 0.0 25.3 37.9#

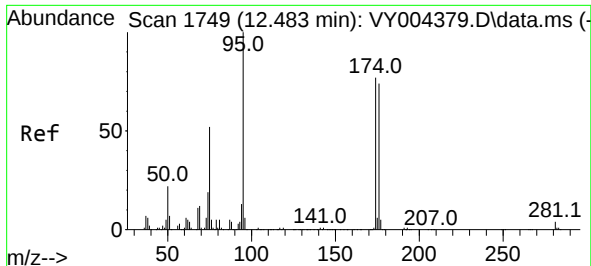


#50
Toluene-d8
Concen: 50.82 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004529.D
Acq: 20 Apr 2021 15:21



Tgt Ion: 98 Resp: 273627
Ion Ratio Lower Upper
98 100
100 65.9 51.8 77.6

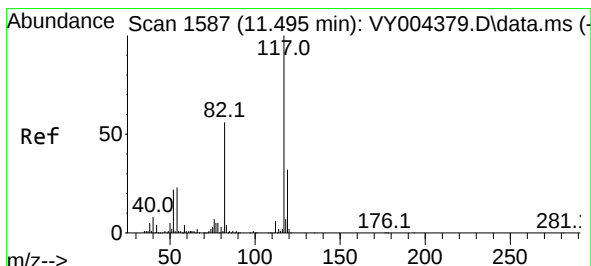
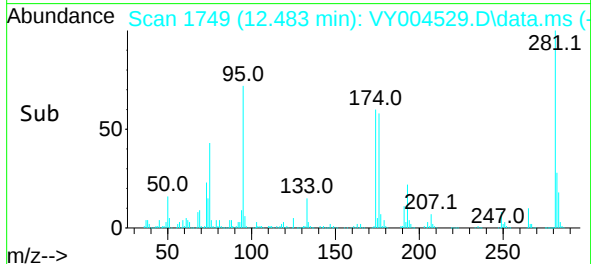
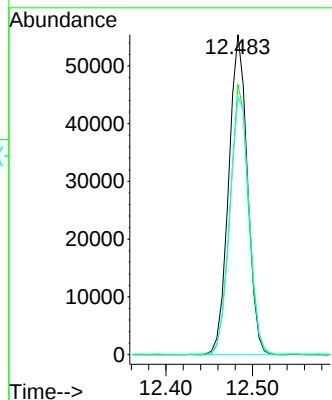
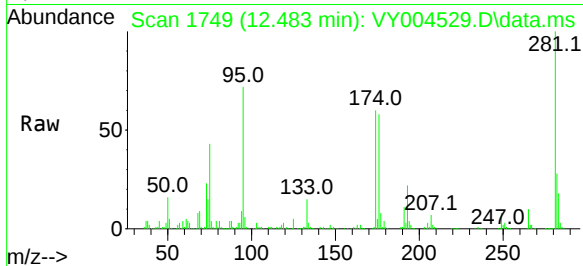




#62
4-Bromofluorobenzene
Concen: 45.56 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004529.D
Acq: 20 Apr 2021 15:21

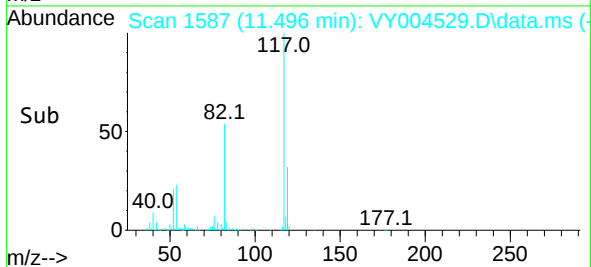
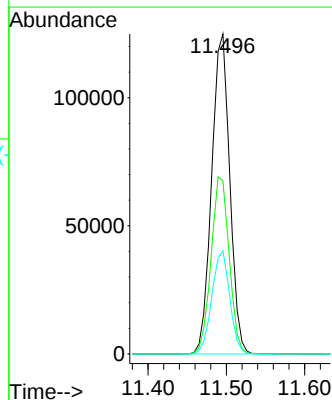
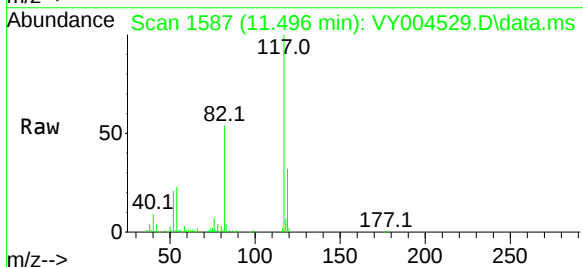
Instrument :
MSVOA_Y
ClientSampleId :

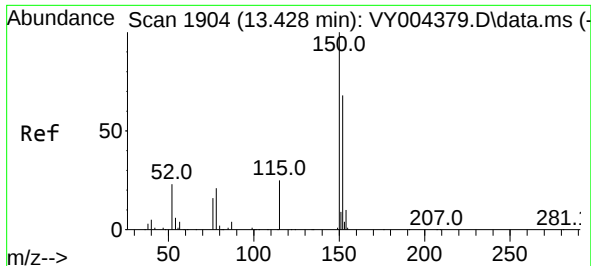
Tgt Ion: 95 Resp: 83252
Ion Ratio Lower Upper
95 100
174 83.5 0.0 162.4
176 83.5 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004529.D
Acq: 20 Apr 2021 15:21

Tgt Ion: 117 Resp: 200132
Ion Ratio Lower Upper
117 100
82 54.1 44.9 67.3
119 32.3 25.4 38.0

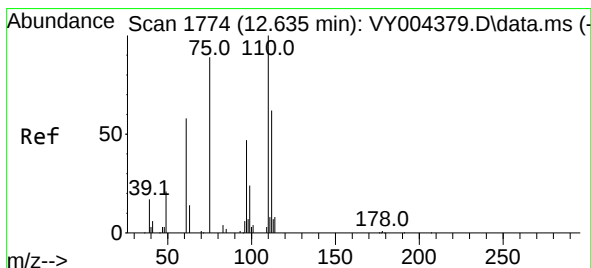
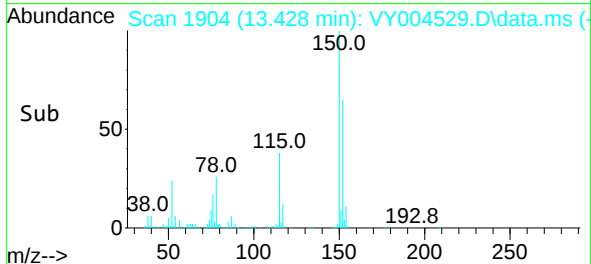
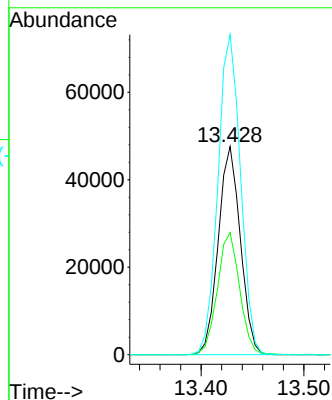
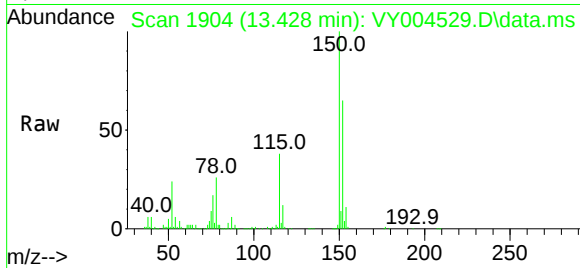




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004529.D
 Acq: 20 Apr 2021 15:21

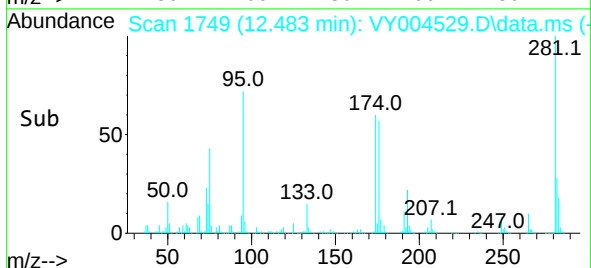
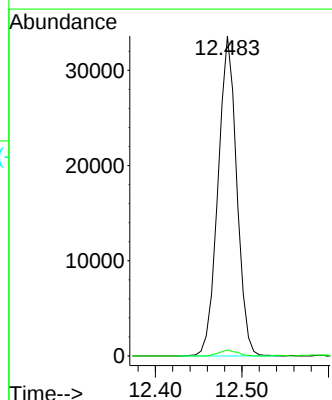
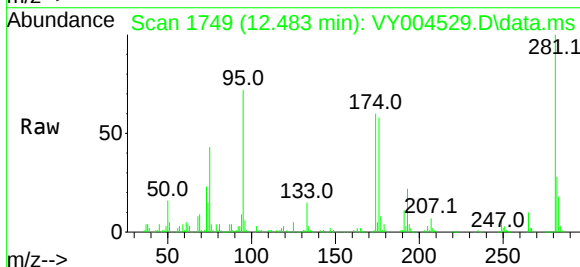
Instrument :
 MSVOA_Y
 ClientSampleId :

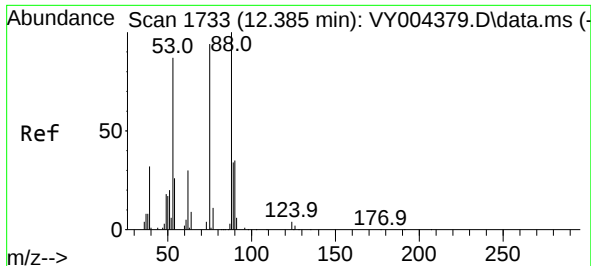
Tgt Ion:152 Resp: 71016
 Ion Ratio Lower Upper
 152 100
 115 59.1 29.6 88.8
 150 157.0 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 66.20 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004529.D
 Acq: 20 Apr 2021 15:21

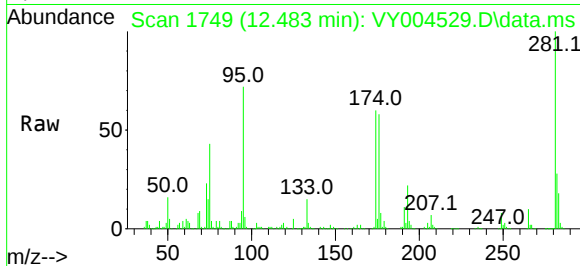
Tgt Ion: 75 Resp: 50456
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#



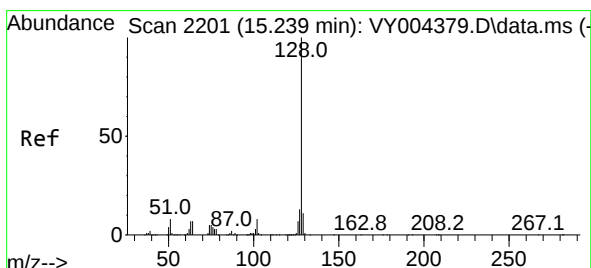
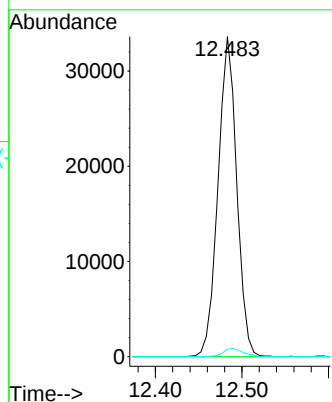
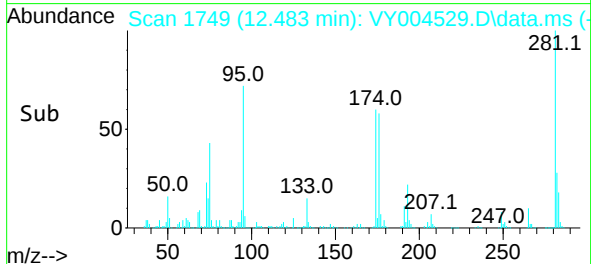


#81
trans-1,4-Dichloro-2-butene
Concen: 118.42 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004529.D
Acq: 20 Apr 2021 15:21

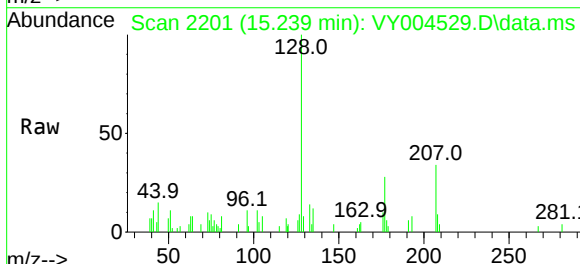
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 50456
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 2.7 36.1 54.1#



#95
Naphthalene
Concen: 1.29 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004529.D
Acq: 20 Apr 2021 15:21



Tgt Ion: 128 Resp: 3777
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 13.3 8.8 13.2#

