

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041621\
 Data File : VY004482.D
 Acq On : 16 Apr 2021 20:01
 Operator : SY/MD
 Sample : M2048-18
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06-8.5-9.0RE

Quant Time: Apr 17 00:58:16 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)

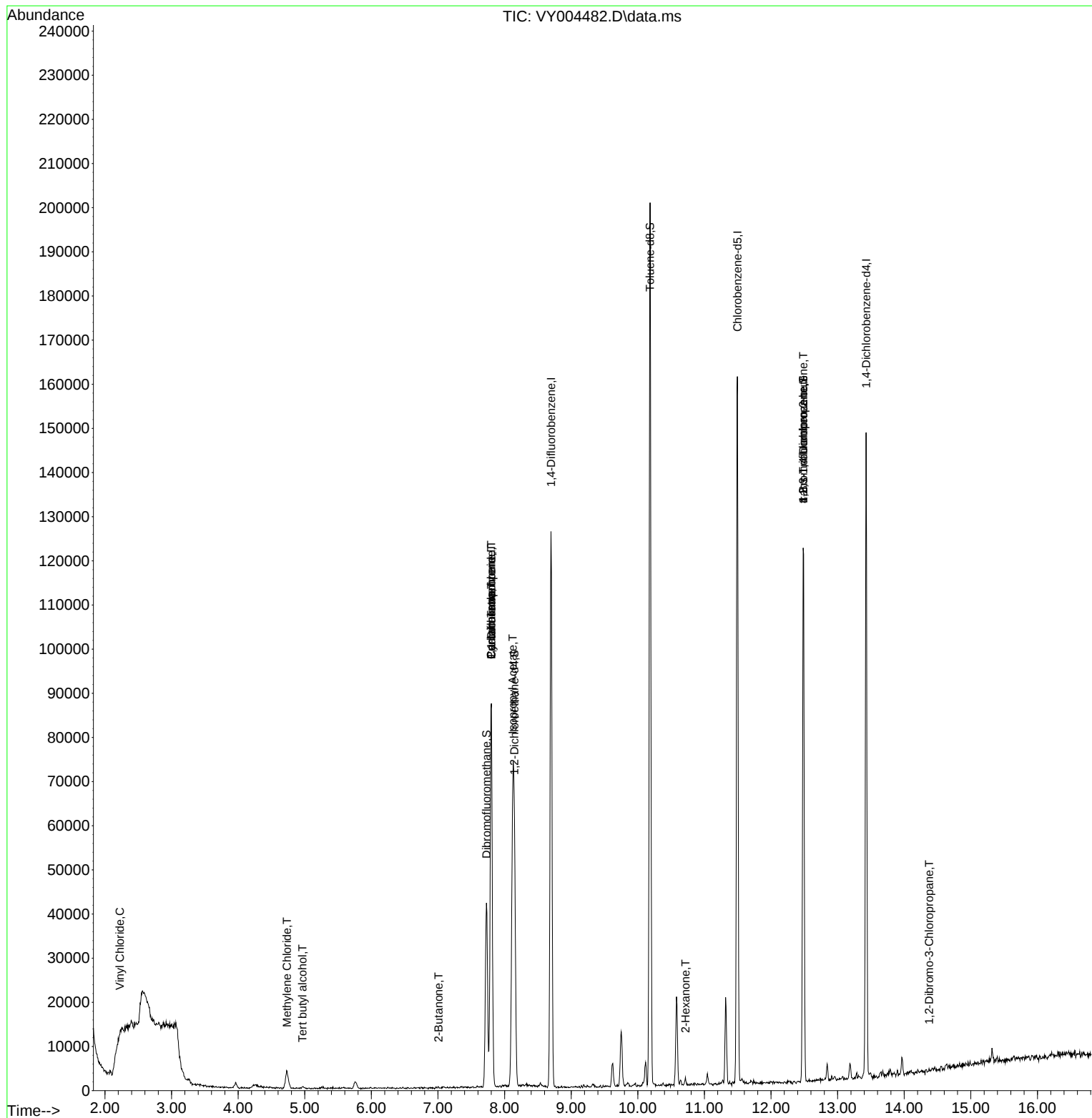
Internal Standards						
1) Pentafluorobenzene	7.801	168	64121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	104394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	84480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	34175	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	29006	40.71	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	81.42%		
35) Dibromofluoromethane	7.728	113	28869	49.83	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.66%		
50) Toluene-d8	10.185	98	122496	49.71	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.42%		
62) 4-Bromofluorobenzene	12.483	95	33381	39.92	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	79.84%		
Target Compounds						Qvalue
4) Vinyl Chloride	2.223	62	6152	6.78	ug/l #	43
11) Tert butyl alcohol	4.966	59	736	10.48	ug/l #	73
16) Acetone	3.966	43	1944	Below Cal	#	88
20) Methylene Chloride	4.734	84	2570	3.73	ug/l	93
25) 2-Butanone	7.008	43	461	1.70	ug/l #	50
31) Cyclohexane	7.801	56	1629	1.25	ug/l #	37
36) 1,1-Dichloropropene	7.801	75	5407	5.21	ug/l #	50
38) Carbon Tetrachloride	7.801	117	6406	7.14	ug/l #	18
43) Isopropyl Acetate	8.124	43	1899	1.50	ug/l #	15
59) 2-Hexanone	10.715	43	711	1.63	ug/l #	27
76) 1,2,3-Trichloropropane	12.483	75	19411	52.92	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	19411	94.67	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.373	75	208	2.32	ug/l #	2

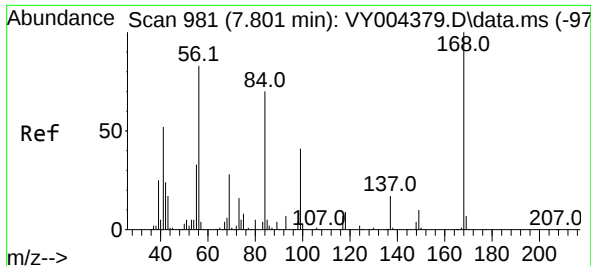
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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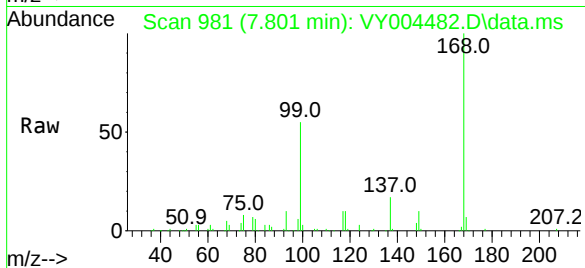
Quant Time: Apr 17 00:58:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
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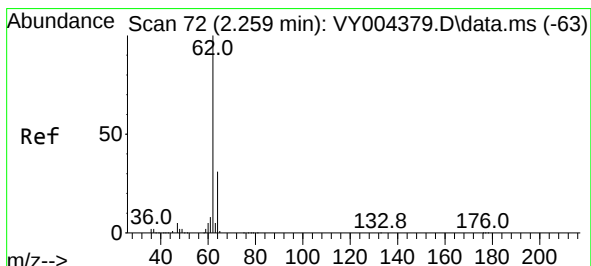
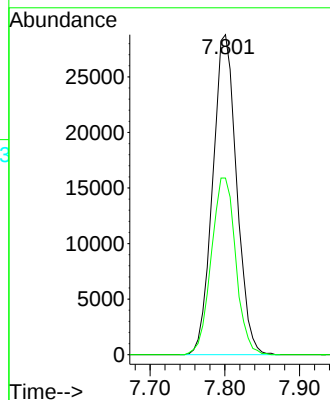
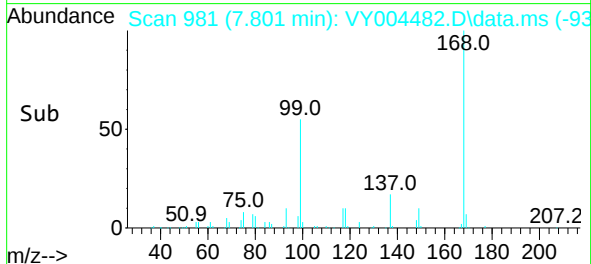


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004482.D
Acq: 16 Apr 2021 20:01

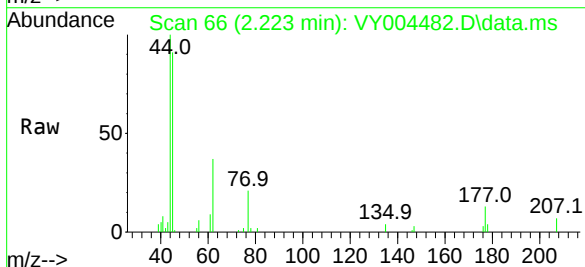
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-8.5-9.0RE



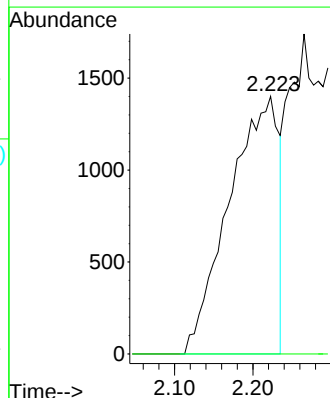
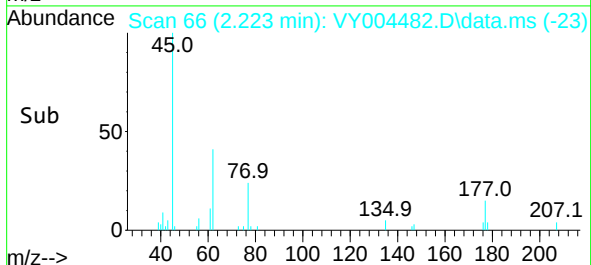
Tgt Ion:168 Resp: 64121
Ion Ratio Lower Upper
168 100
99 55.2 45.5 68.3

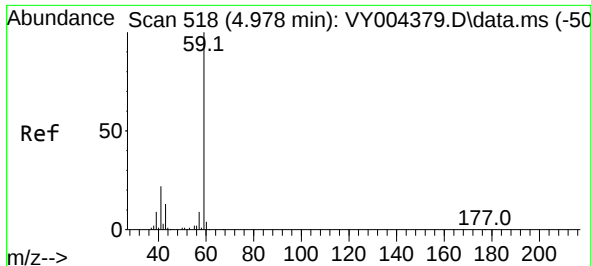


#4
Vinyl Chloride
Concen: 6.78 ug/l
RT: 2.223 min Scan# 66
Delta R.T. -0.037 min
Lab File: VY004482.D
Acq: 16 Apr 2021 20:01



Tgt Ion: 62 Resp: 6152
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



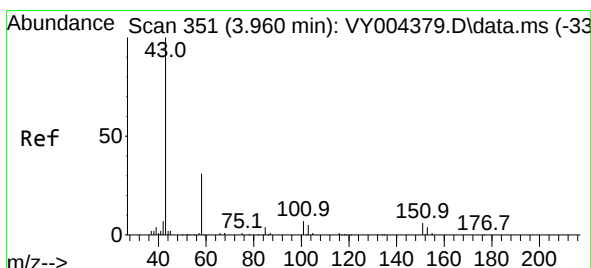
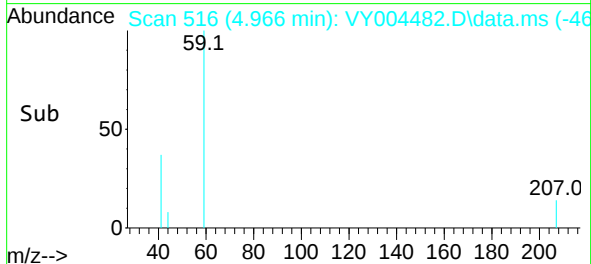
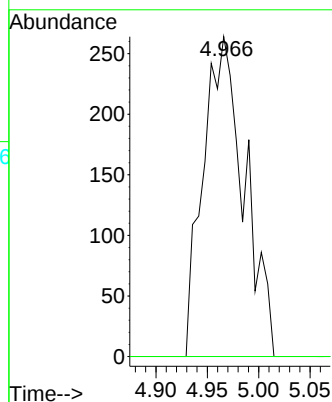
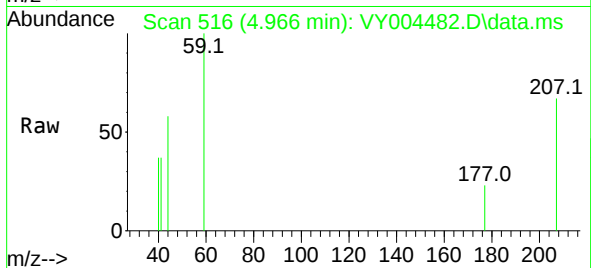


#11

Tert butyl alcohol
Concen: 10.48 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004482.D
Acq: 16 Apr 2021 20:01

Instrument :
MSVOA_Y
ClientSampleId :
SB-06-8.5-9.0RE

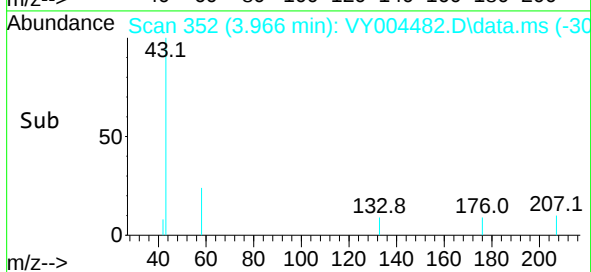
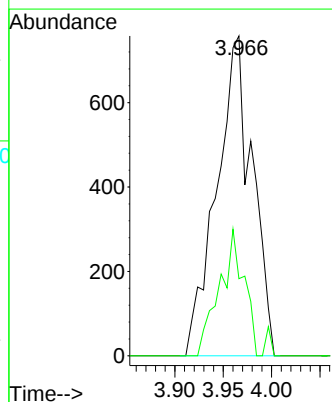
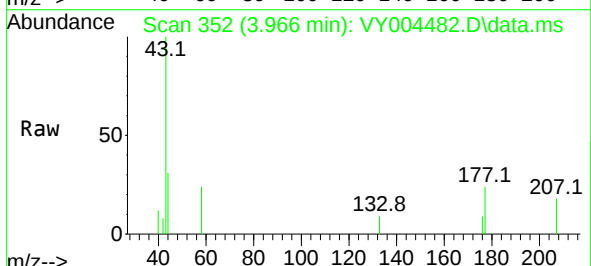
Tgt Ion: 59 Resp: 736
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

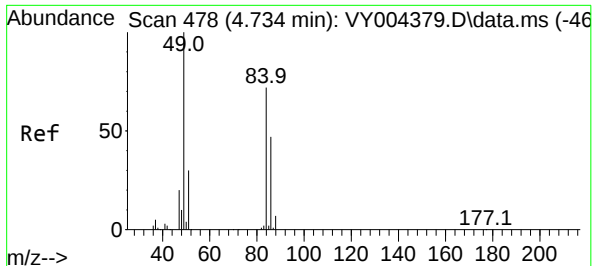


#16

Acetone
Concen: Below Cal
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004482.D
Acq: 16 Apr 2021 20:01

Tgt Ion: 43 Resp: 1944
Ion Ratio Lower Upper
43 100
58 24.1 24.6 37.0#



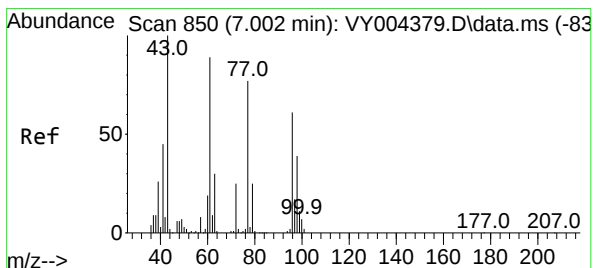
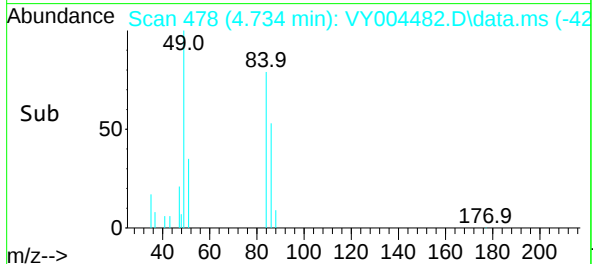
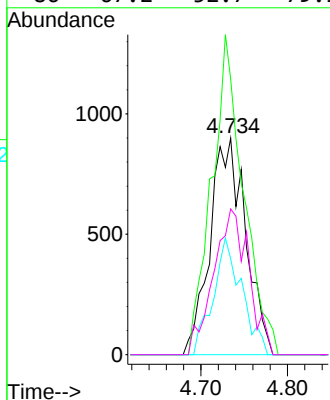
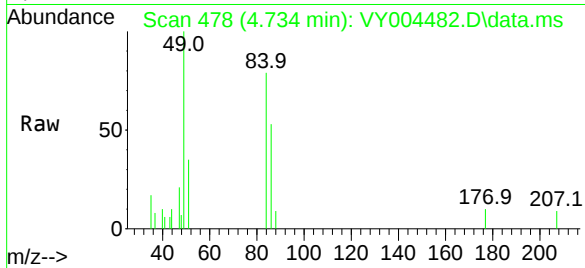


#20
Methylene Chloride
Concen: 3.73 ug/l
RT: 4.734 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY004482.D
Acq: 16 Apr 2021 20:01

Instrument :
MSVOA_Y
ClientSampleId :
SB-06-8.5-9.0RE

Tgt Ion: 84 Resp: 2570

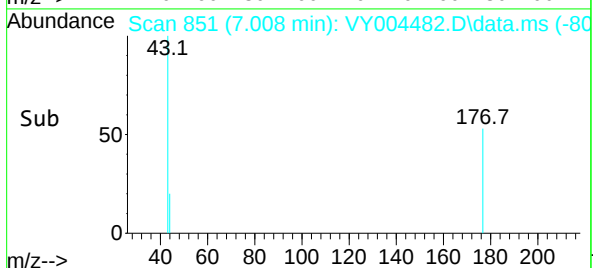
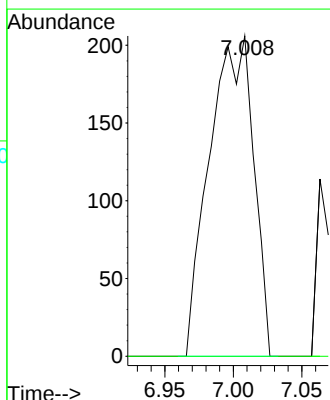
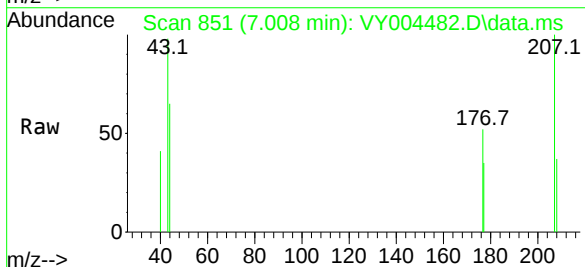
Ion	Ratio	Lower	Upper
84	100		
49	127.1	111.2	166.8
51	44.2	33.4	50.2
86	67.2	52.7	79.1

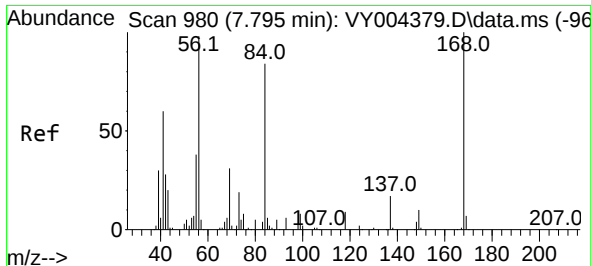


#25
2-Butanone
Concen: 1.70 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY004482.D
Acq: 16 Apr 2021 20:01

Tgt Ion: 43 Resp: 461

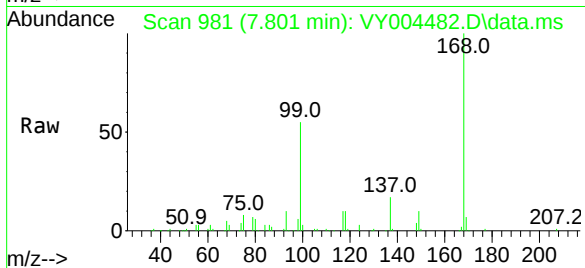
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.2	30.2#



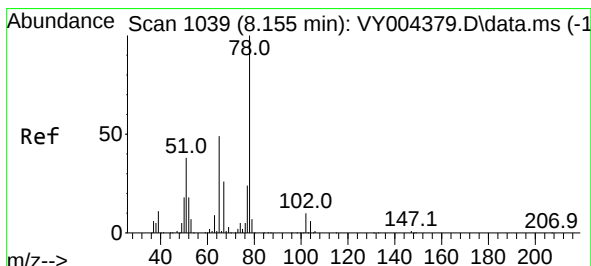
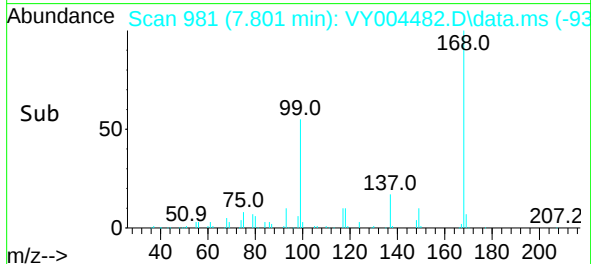
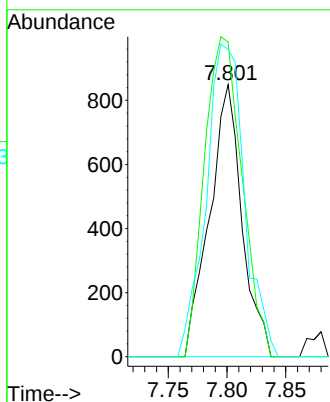


#31
Cyclohexane
Concen: 1.25 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004482.D
Acq: 16 Apr 2021 20:01

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ClientSampleId :
SB-06-8.5-9.0RE

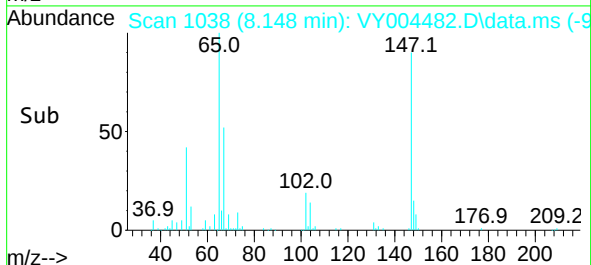
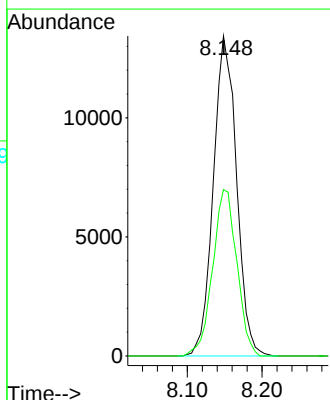
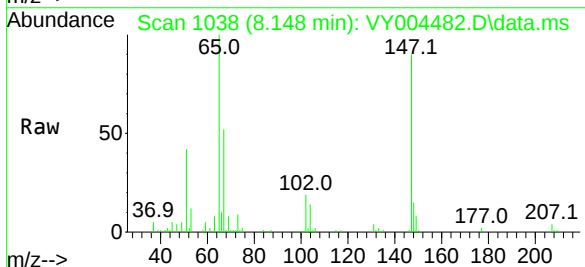


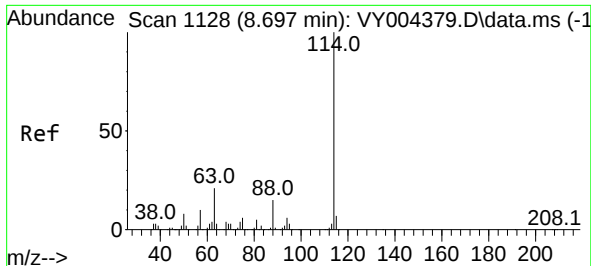
Tgt Ion: 56 Resp: 1629
Ion Ratio Lower Upper
56 100
69 115.7 25.8 38.6#
84 113.0 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 40.71 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004482.D
Acq: 16 Apr 2021 20:01

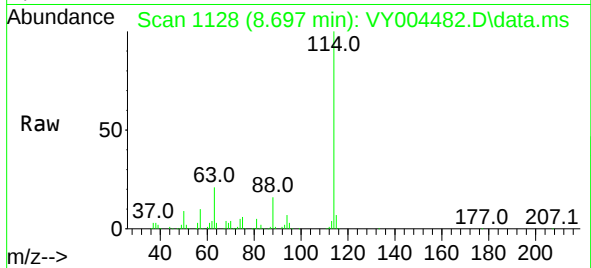
Tgt Ion: 65 Resp: 29006
Ion Ratio Lower Upper
65 100
67 54.2 0.0 106.4



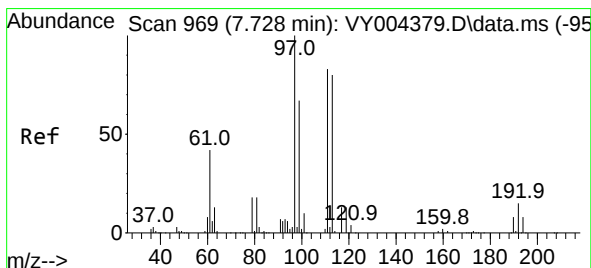
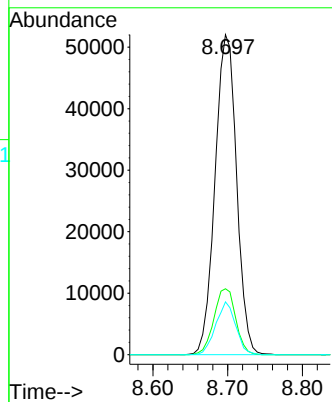
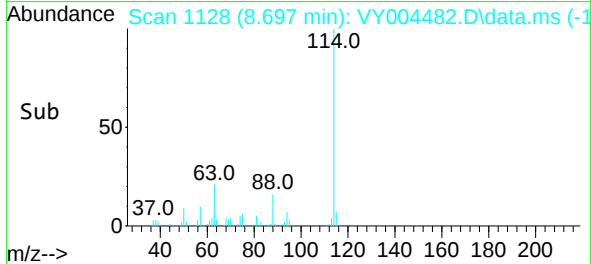


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004482.D
Acq: 16 Apr 2021 20:01

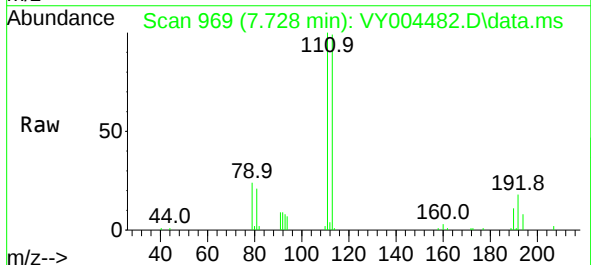
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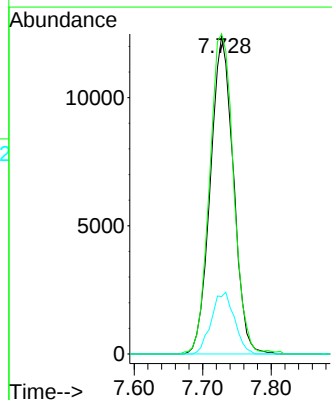
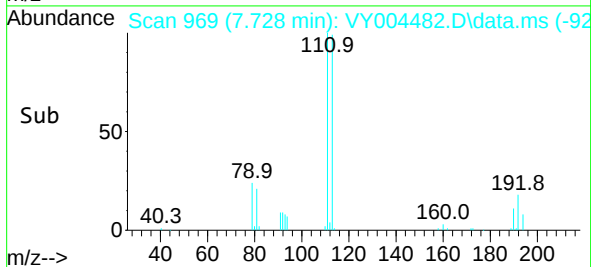
Tgt Ion:114 Resp: 104394
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.4
88 16.5 0.0 30.8

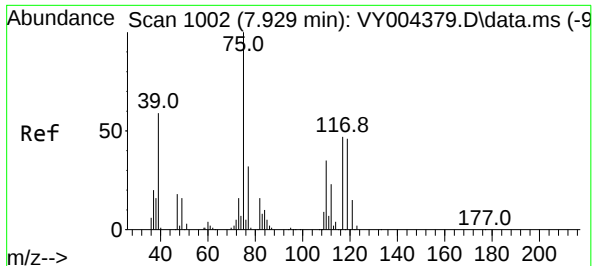


#35
Dibromofluoromethane
Concen: 49.83 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004482.D
Acq: 16 Apr 2021 20:01



Tgt Ion:113 Resp: 28869
Ion Ratio Lower Upper
113 100
111 105.5 82.6 123.8
192 19.4 16.1 24.1

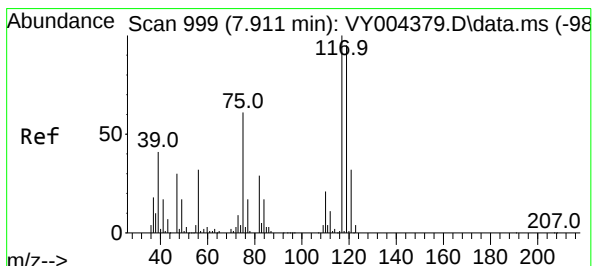
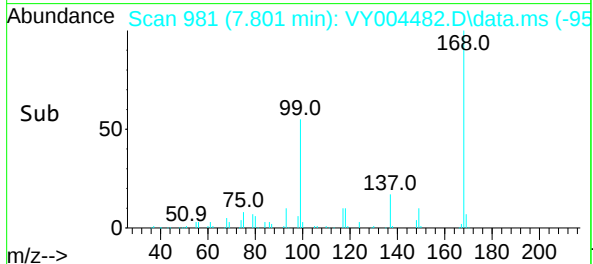
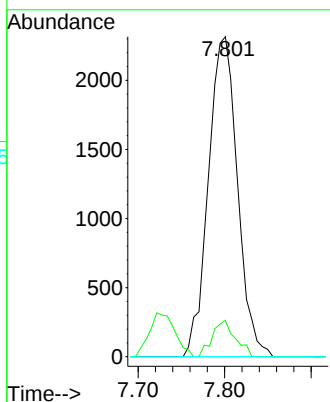
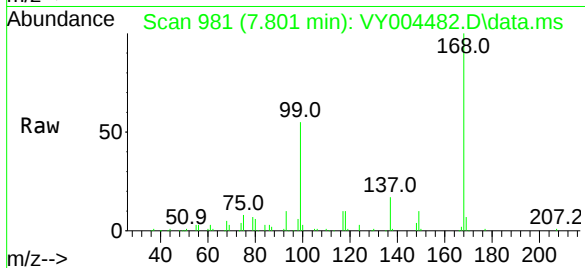




#36
1,1-Dichloropropene
Concen: 5.21 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004482.D
Acq: 16 Apr 2021 20:01

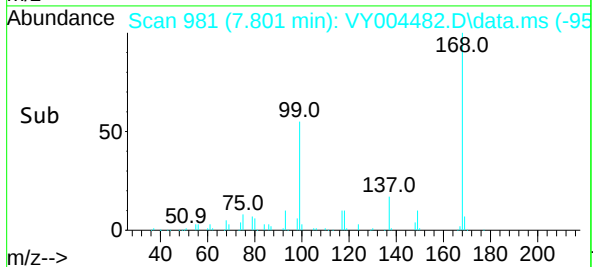
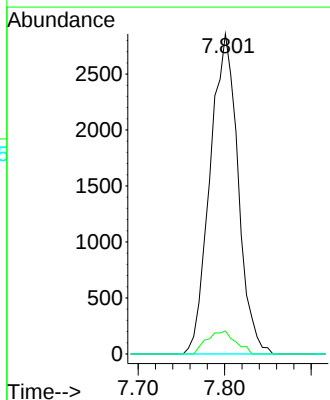
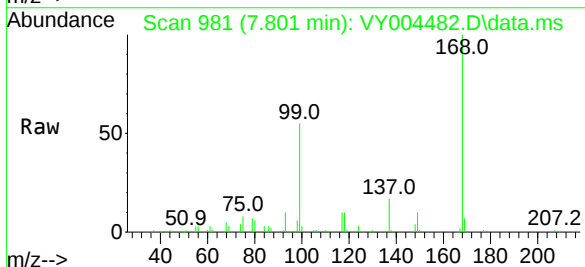
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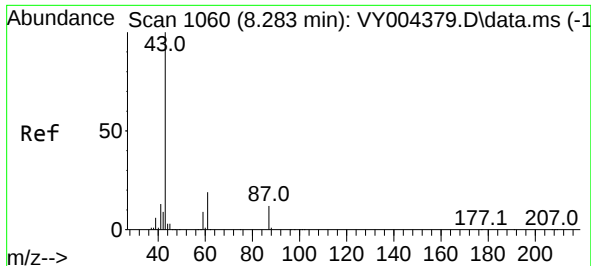
Tgt Ion:	75	Resp:	5407
Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.3	51.7#
77	0.0	24.3	36.5#



#38
Carbon Tetrachloride
Concen: 7.14 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004482.D
Acq: 16 Apr 2021 20:01

Tgt Ion:	117	Resp:	6406
Ion	Ratio	Lower	Upper
117	100		
119	7.2	75.8	113.8#
121	0.0	25.3	37.9#

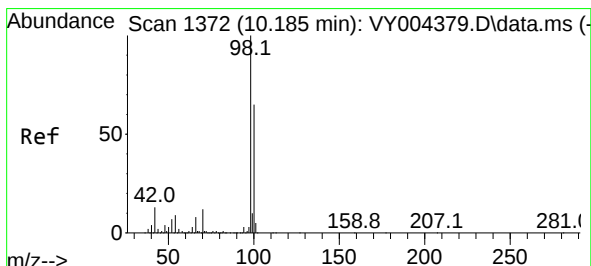
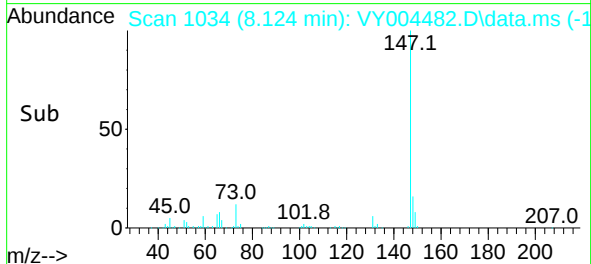
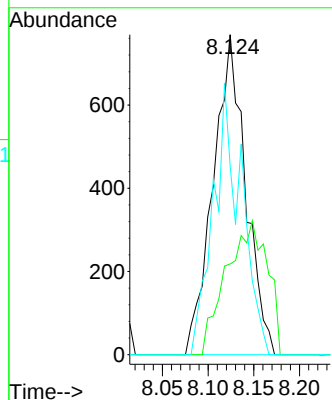
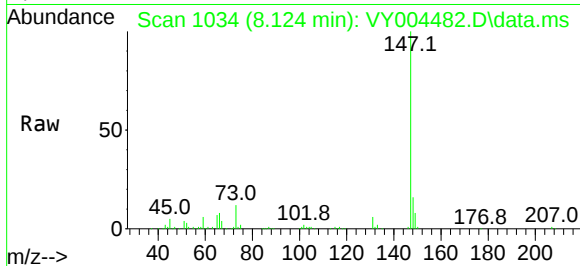




#43
Isopropyl Acetate
Concen: 1.50 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.159 min
Lab File: VY004482.D
Acq: 16 Apr 2021 20:01

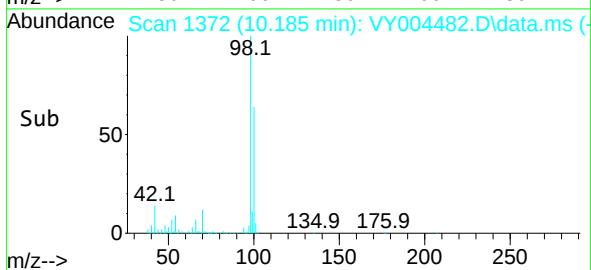
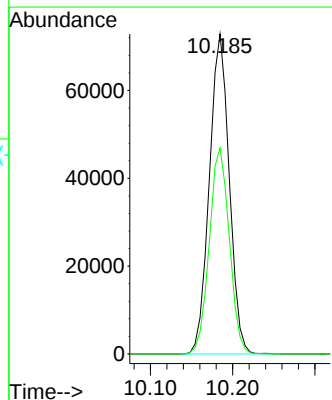
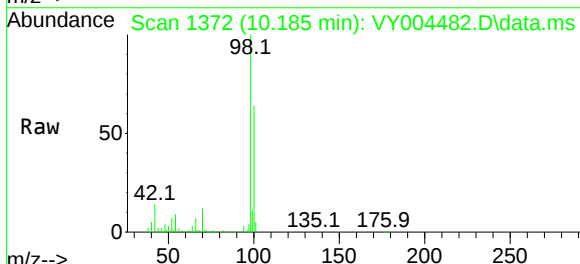
Instrument :
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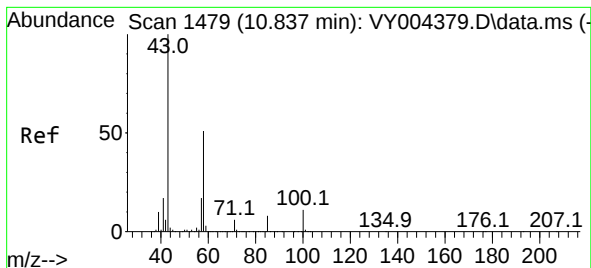
Tgt Ion: 43 Resp: 1899
Ion Ratio Lower Upper
43 100
61 0.0 20.9 31.3#
87 73.5 9.1 13.7#



#50
Toluene-d8
Concen: 49.71 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004482.D
Acq: 16 Apr 2021 20:01

Tgt Ion: 98 Resp: 122496
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6

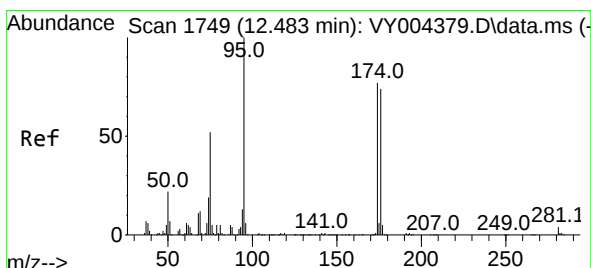
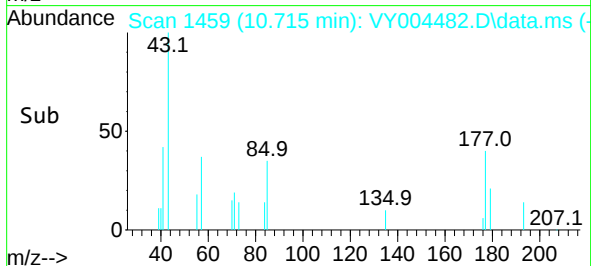
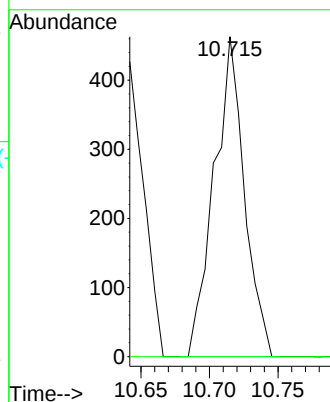
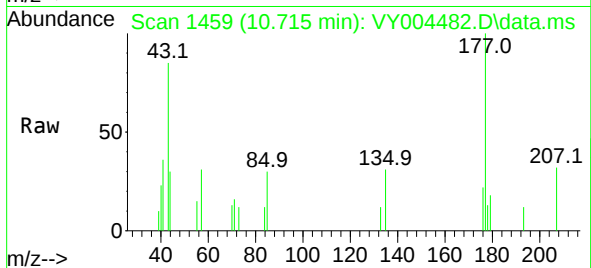




#59
2-Hexanone
Concen: 1.63 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.122 min
Lab File: VY004482.D
Acq: 16 Apr 2021 20:01

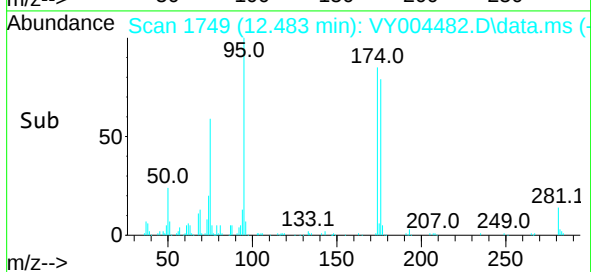
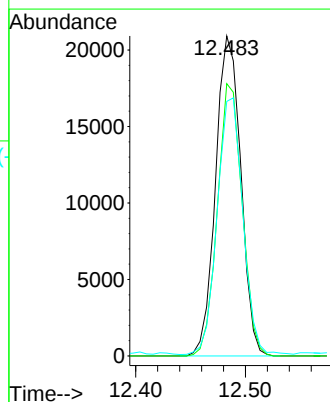
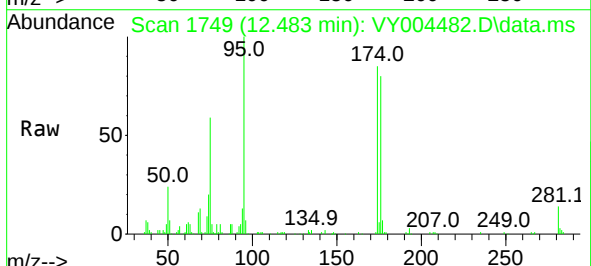
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-8.5-9.0RE

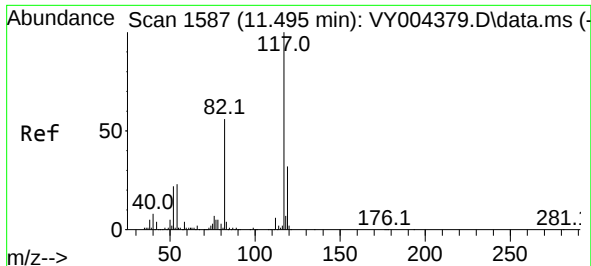
Tgt Ion: 43 Resp: 711
Ion Ratio Lower Upper
43 100
58 0.0 25.4 76.4#



#62
4-Bromofluorobenzene
Concen: 39.92 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004482.D
Acq: 16 Apr 2021 20:01

Tgt Ion: 95 Resp: 33381
Ion Ratio Lower Upper
95 100
174 83.6 0.0 162.4
176 81.4 0.0 156.0

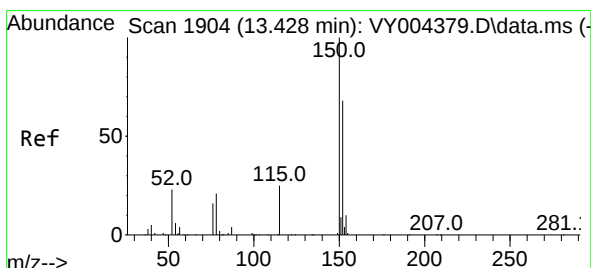
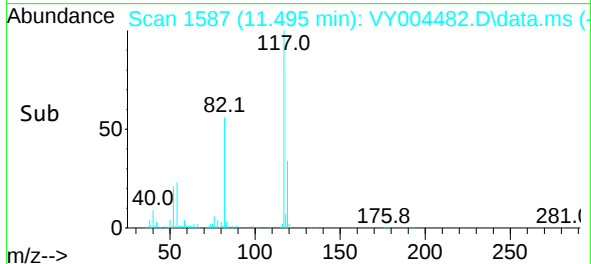
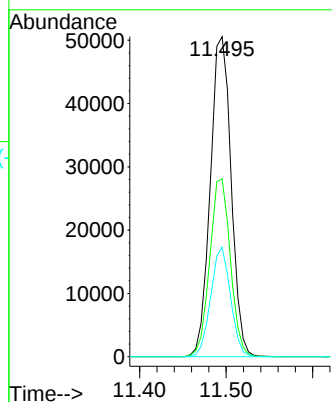
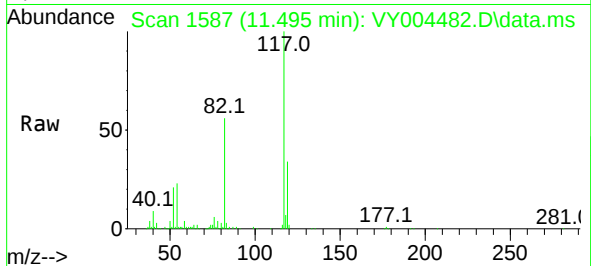




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004482.D
Acq: 16 Apr 2021 20:01

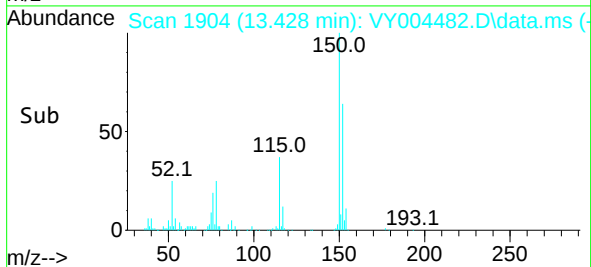
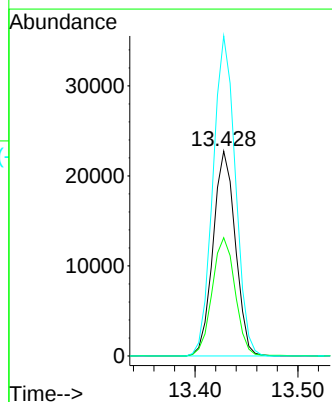
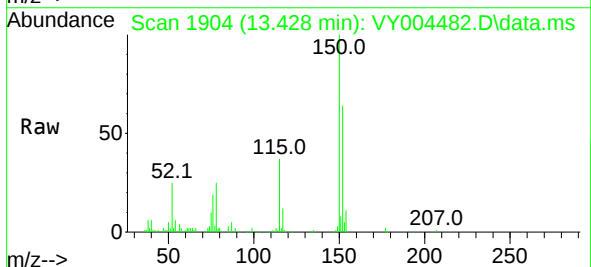
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-8.5-9.0RE

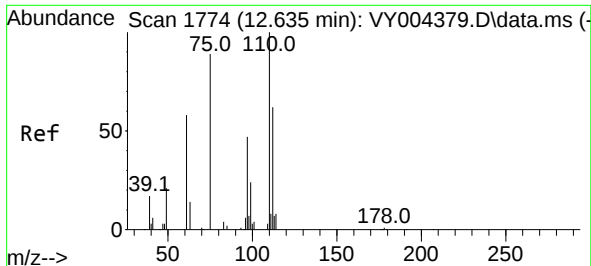
Tgt Ion:117 Resp: 84480
Ion Ratio Lower Upper
117 100
82 55.6 44.9 67.3
119 34.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004482.D
Acq: 16 Apr 2021 20:01

Tgt Ion:152 Resp: 34175
Ion Ratio Lower Upper
152 100
115 59.9 29.6 88.8
150 157.8 0.0 348.4

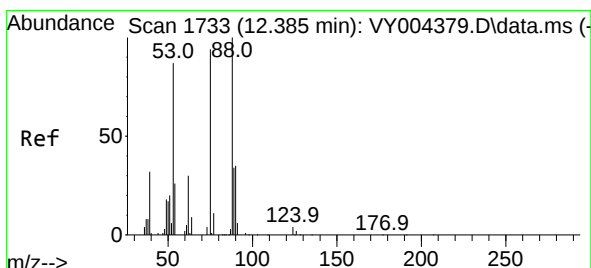
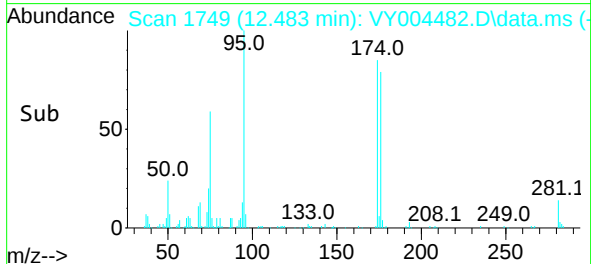
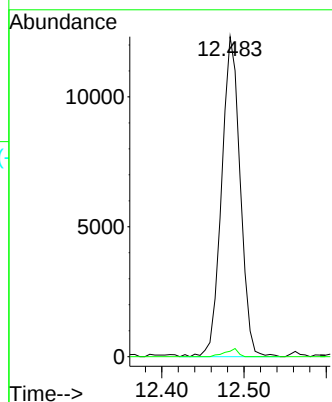
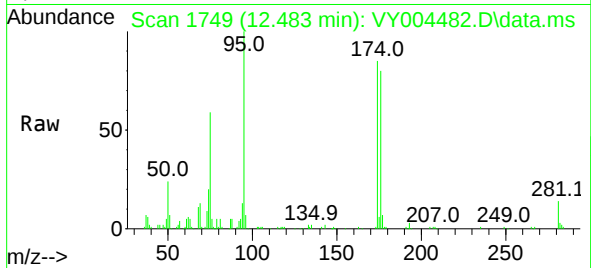




#76
1,2,3-Trichloropropane
Concen: 52.92 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004482.D
Acq: 16 Apr 2021 20:01

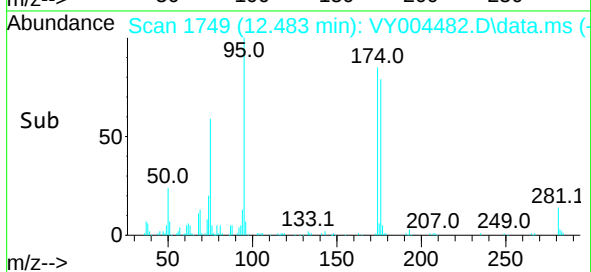
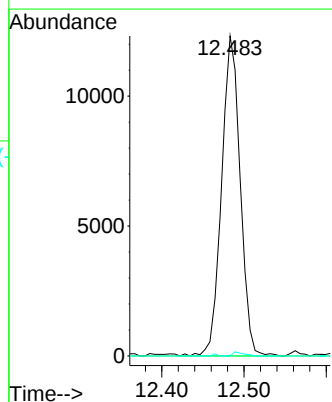
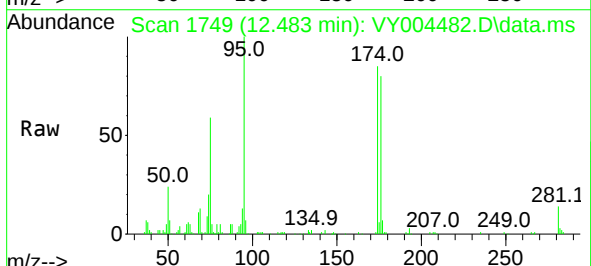
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-8.5-9.0RE

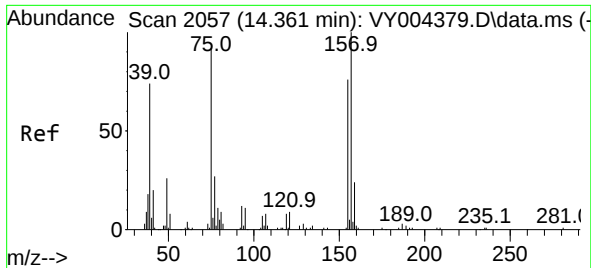
Tgt Ion: 75 Resp: 19411
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.67 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004482.D
Acq: 16 Apr 2021 20:01

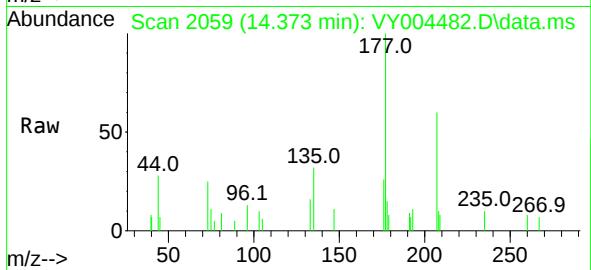
Tgt Ion: 75 Resp: 19411
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.7 36.1 54.1#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.32 ug/l
 RT: 14.373 min Scan# 2059
 Delta R.T. 0.012 min
 Lab File: VY004482.D
 Acq: 16 Apr 2021 20:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06-8.5-9.0RE



Tgt Ion: 75 Resp: 208
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.6 121.8#
 157 0.0 53.0 159.0#

