

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041621\
 Data File : VY004464.D
 Acq On : 16 Apr 2021 13:02
 Operator : SY/MD
 Sample : M2051-05
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 0124055

Quant Time: Apr 17 00:53:25 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)

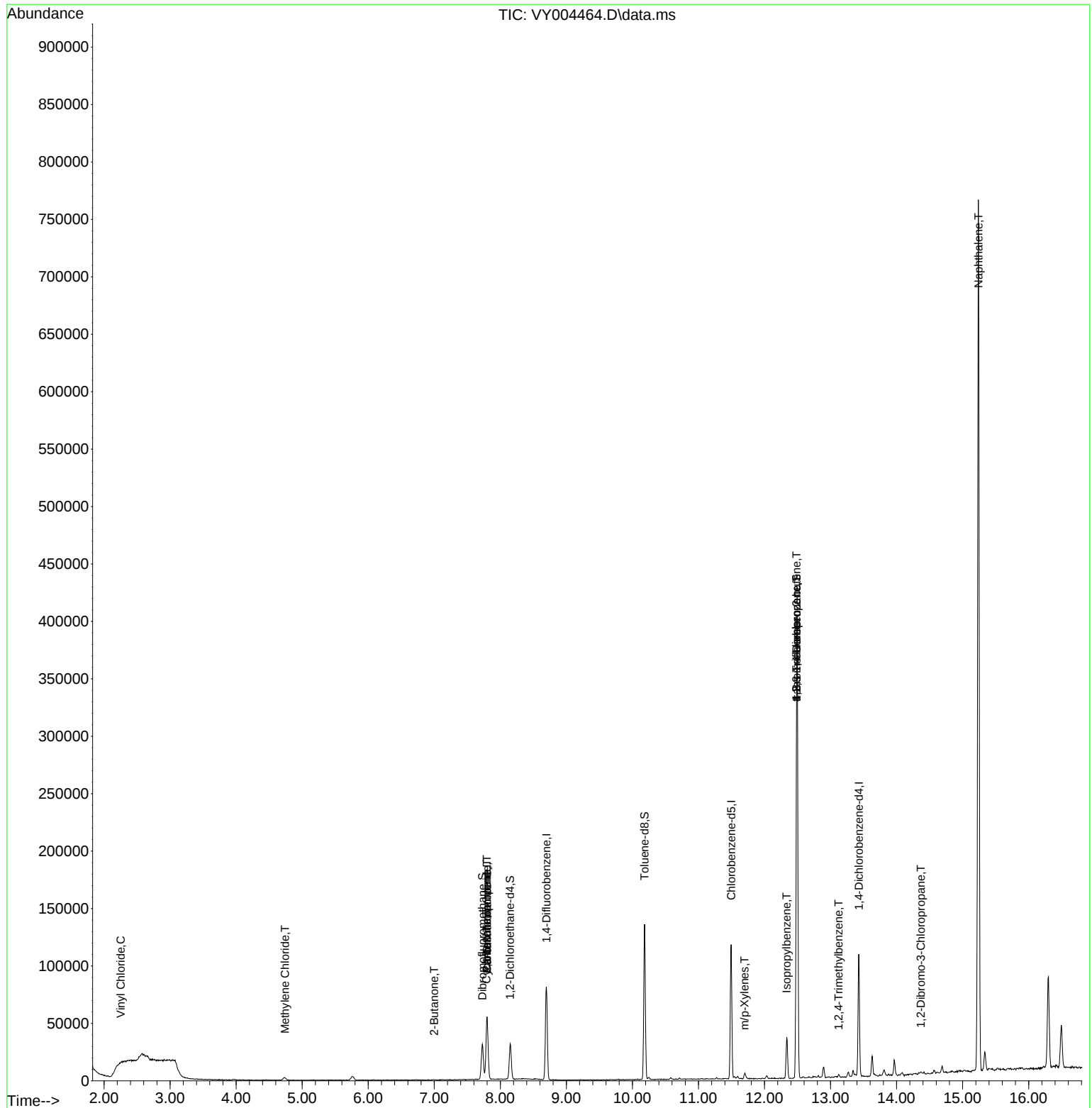
Internal Standards						
1) Pentafluorobenzene	7.801	168	41608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	67913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	59788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	25510	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	22757	49.23	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.46%
35) Dibromofluoromethane	7.728	113	20971	55.64	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.28%
50) Toluene-d8	10.185	98	82902	51.71	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.42%
62) 4-Bromofluorobenzene	12.483	95	26248	48.25	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.50%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.253	62	10424	17.71	ug/l #	43
16) Acetone	3.966	43	1465	Below Cal		94
20) Methylene Chloride	4.741	84	1632	3.66	ug/l #	73
25) 2-Butanone	6.996	43	349	1.98	ug/l #	50
31) Cyclohexane	7.789	56	1083	1.28	ug/l #	10
36) 1,1-Dichloropropene	7.795	75	3465	5.13	ug/l #	49
38) Carbon Tetrachloride	7.795	117	4110	7.05	ug/l #	18
68) m/p-Xylenes	11.697	106	1383	1.63	ug/l	90
73) Isopropylbenzene	12.337	105	2033	1.03	ug/l #	55
76) 1,2,3-Trichloropropane	12.483	75	17830	65.12	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	17830	116.50	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.123	105	1649	1.02	ug/l	87
92) 1,2-Dibromo-3-Chloropr...	14.367	75	211	3.15	ug/l #	2
95) Naphthalene	15.239	128	585365	555.92	ug/l	100

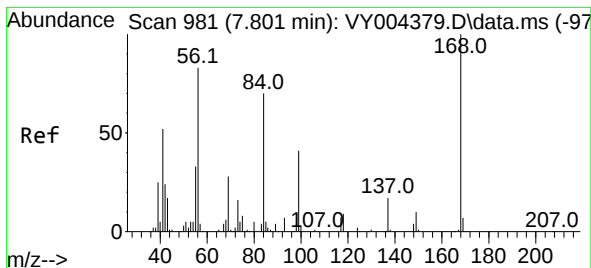
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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0124055

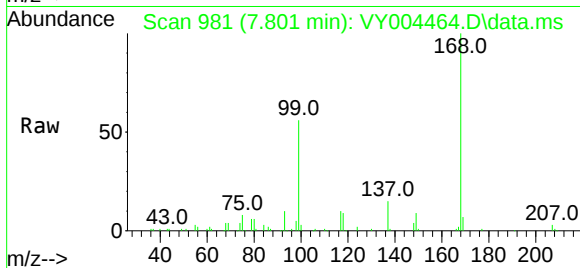
Quant Time: Apr 17 00:53:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
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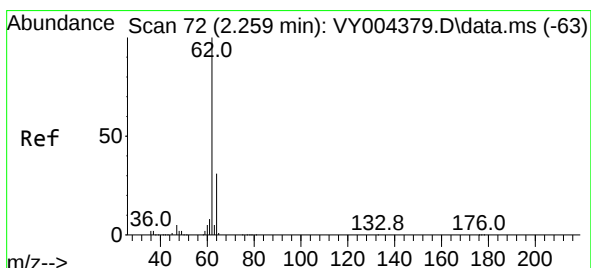
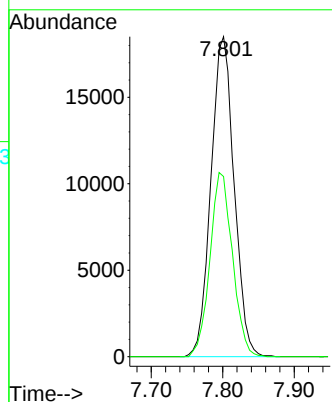
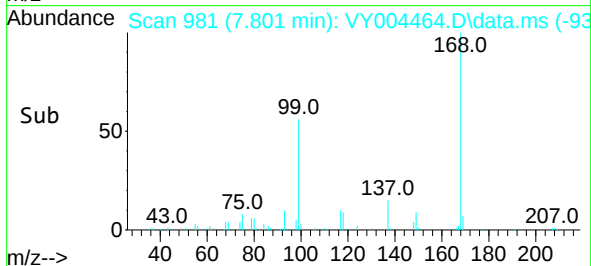


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004464.D
Acq: 16 Apr 2021 13:02

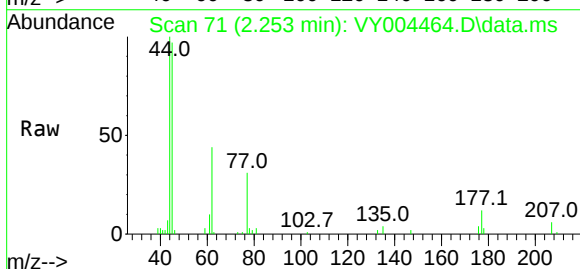
Instrument :
MSVOA_Y
ClientSampleId :
0124055



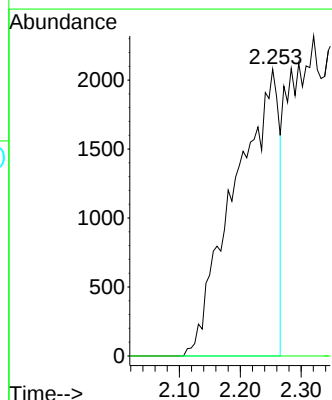
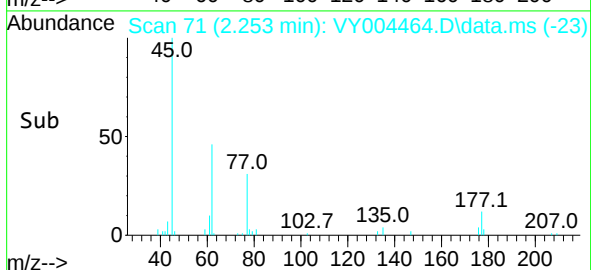
Tgt Ion:168 Resp: 41608
Ion Ratio Lower Upper
168 100
99 56.3 45.5 68.3

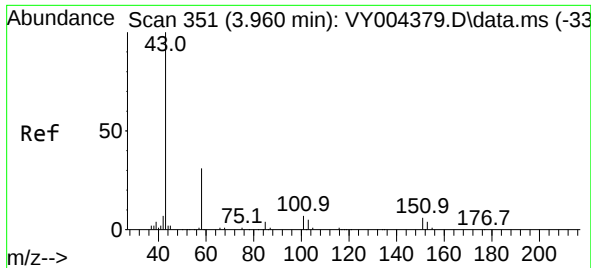


#4
Vinyl Chloride
Concen: 17.71 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY004464.D
Acq: 16 Apr 2021 13:02



Tgt Ion: 62 Resp: 10424
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

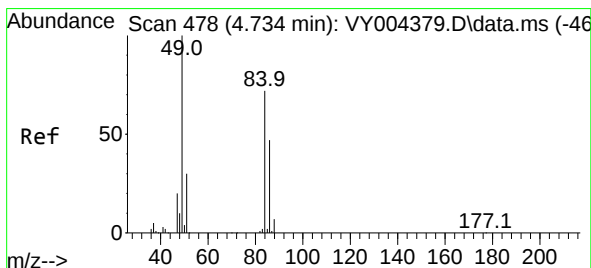
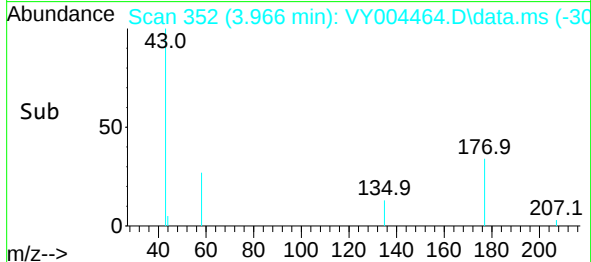
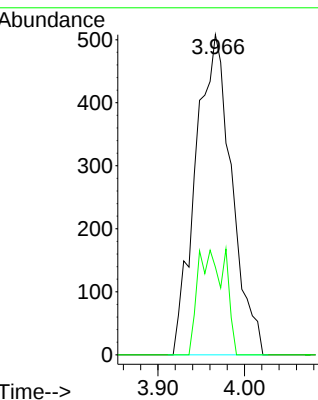
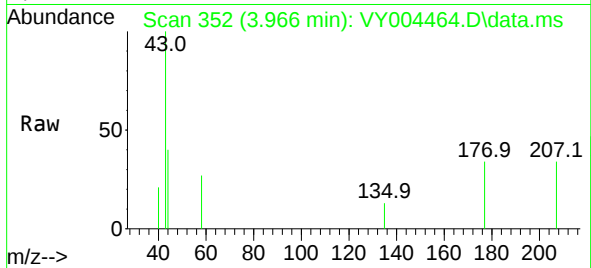




#16
Acetone
Concen: Below Cal
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004464.D
Acq: 16 Apr 2021 13:02

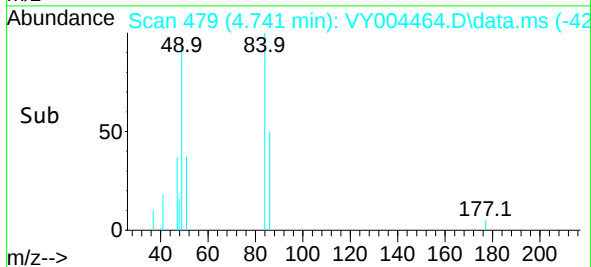
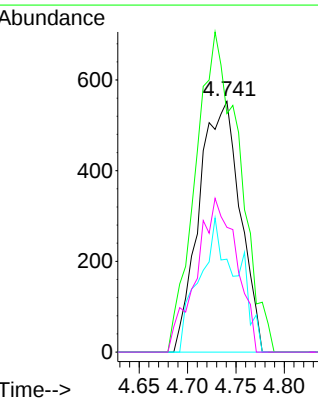
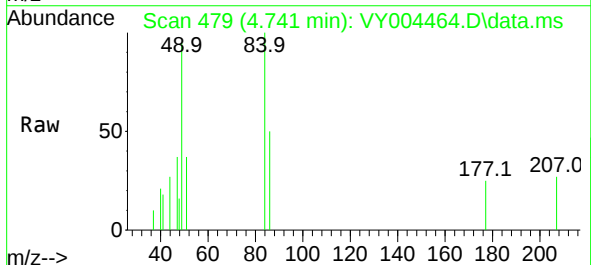
Instrument :
MSVOA_Y
ClientSampleId :
0124055

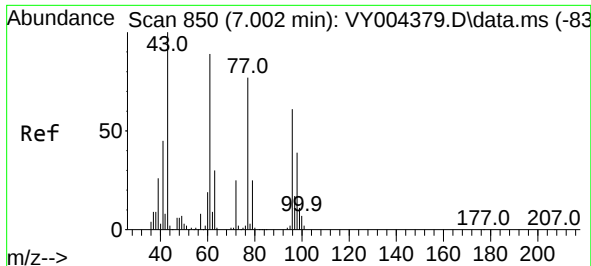
Tgt Ion: 43 Resp: 1465
Ion Ratio Lower Upper
43 100
58 27.4 24.6 37.0



#20
Methylene Chloride
Concen: 3.66 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY004464.D
Acq: 16 Apr 2021 13:02

Tgt Ion: 84 Resp: 1632
Ion Ratio Lower Upper
84 100
49 95.1 111.2 166.8#
51 37.1 33.4 50.2
86 49.7 52.7 79.1#





#25

2-Butanone

Concen: 1.98 ug/l

RT: 6.996 min Scan# 849

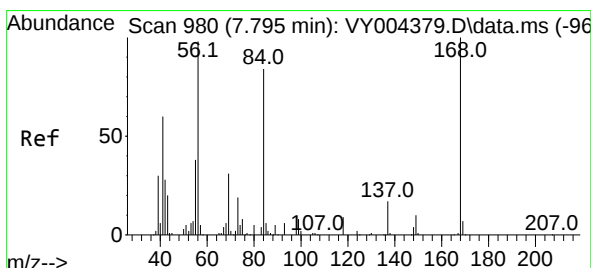
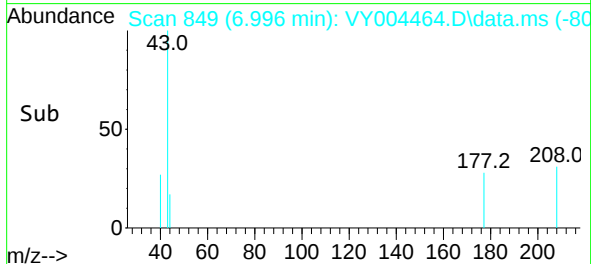
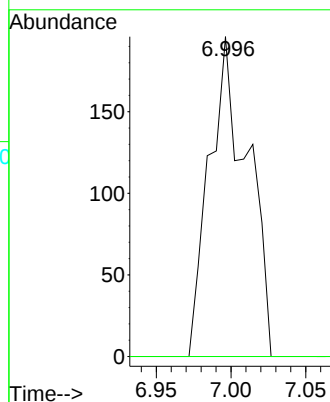
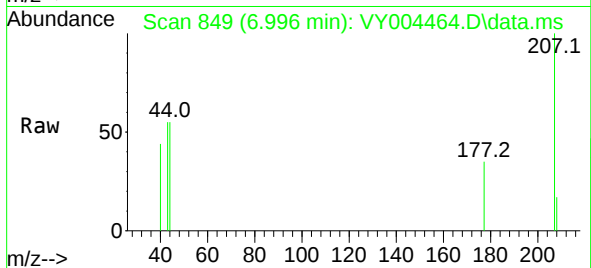
Delta R.T. -0.006 min

Lab File: VY004464.D

Acq: 16 Apr 2021 13:02

Instrument :
MSVOA_Y
ClientSampleId :
0124055

Tgt Ion: 43 Resp: 349
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.2#



#31

Cyclohexane

Concen: 1.28 ug/l

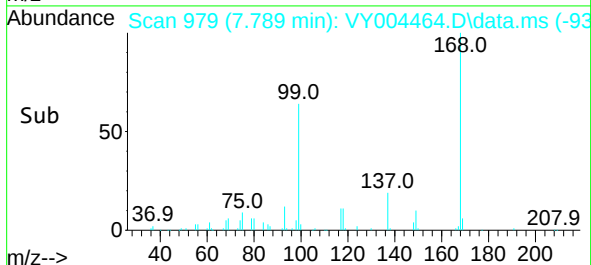
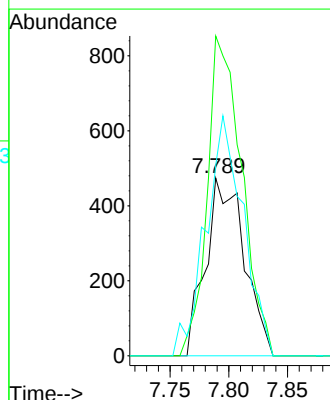
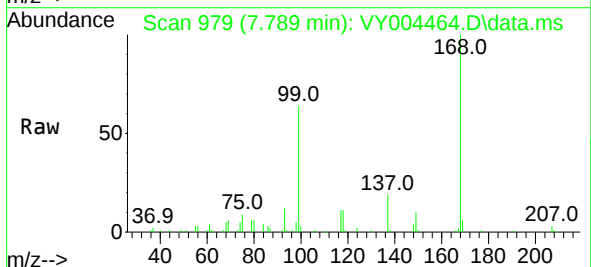
RT: 7.789 min Scan# 979

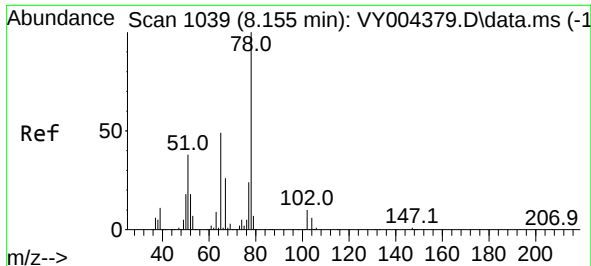
Delta R.T. -0.006 min

Lab File: VY004464.D

Acq: 16 Apr 2021 13:02

Tgt Ion: 56 Resp: 1083
Ion Ratio Lower Upper
56 100
69 180.0 25.8 38.6#
84 107.2 68.2 102.4#



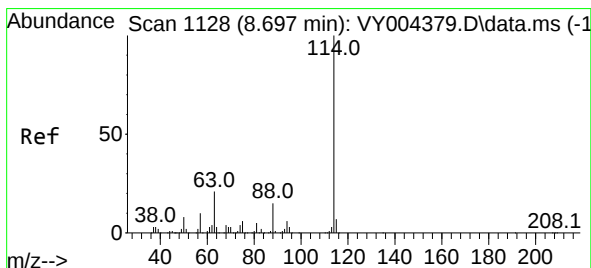
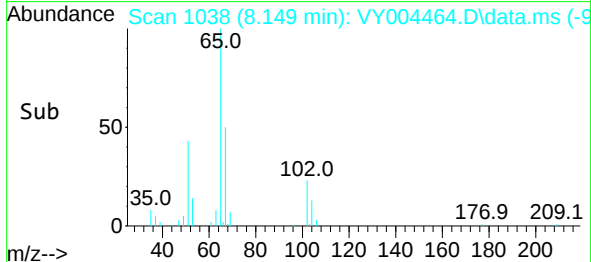
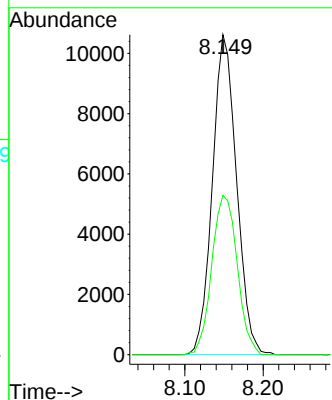
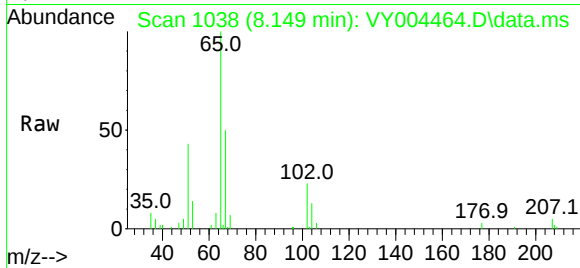


#33
 1,2-Dichloroethane-d4
 Concen: 49.23 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.006 min
 Lab File: VY004464.D
 Acq: 16 Apr 2021 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 0124055

Tgt Ion: 65 Resp: 22757

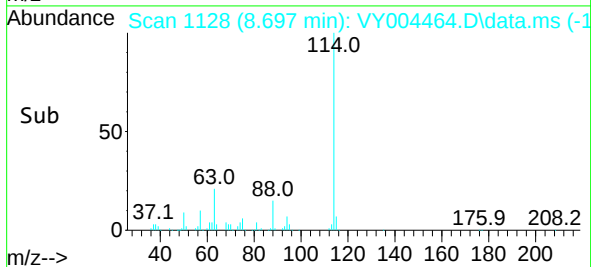
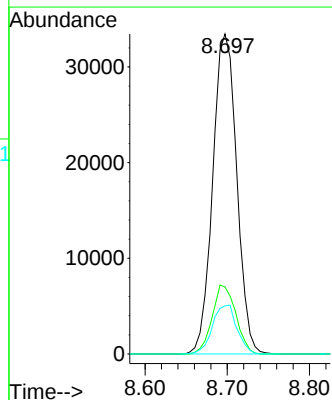
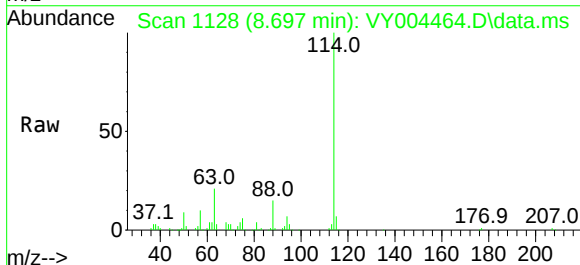
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	106.4

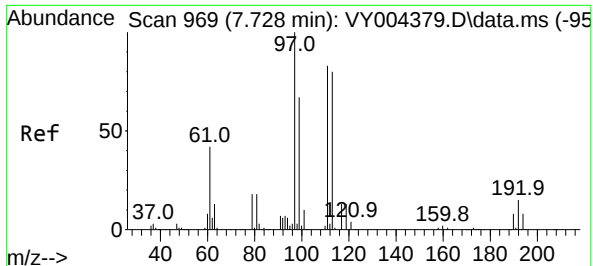


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004464.D
 Acq: 16 Apr 2021 13:02

Tgt Ion: 114 Resp: 67913

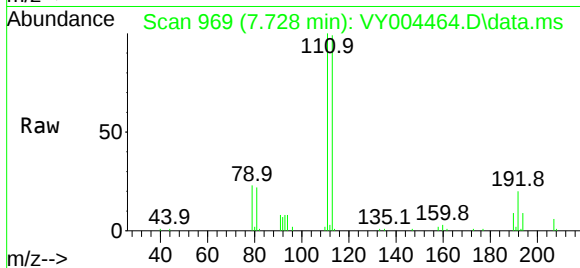
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	42.4
88	15.0	0.0	30.8



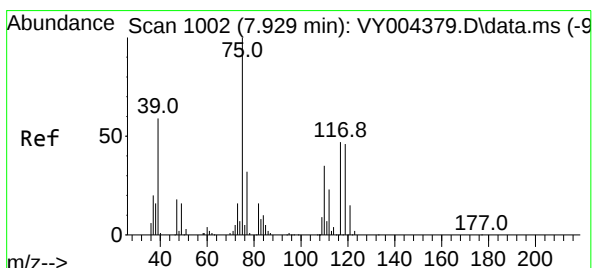
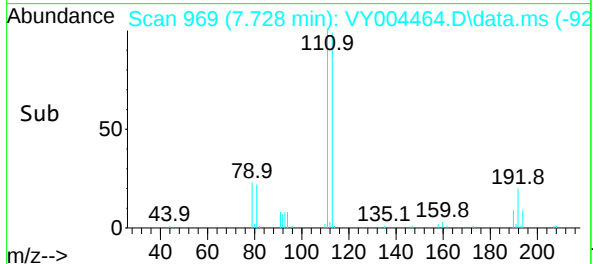
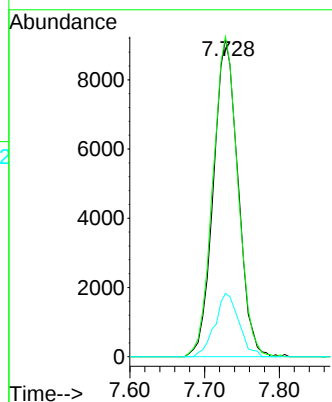


#35
Dibromofluoromethane
Concen: 55.64 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004464.D
Acq: 16 Apr 2021 13:02

Instrument :
MSVOA_Y
ClientSampleId :
0124055

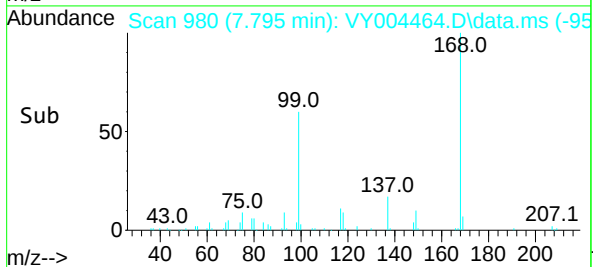
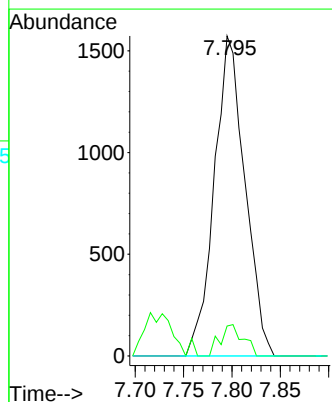
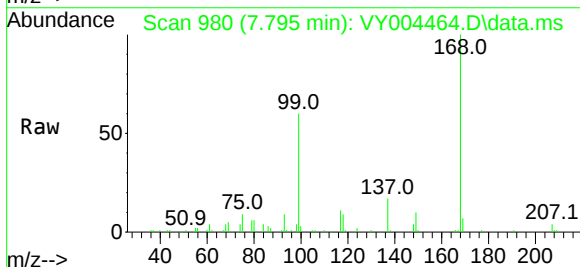


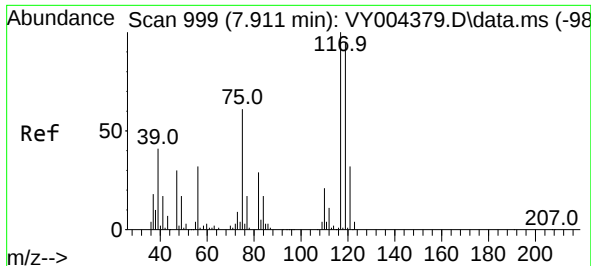
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	123.8
192	19.5	16.1	24.1



#36
1,1-Dichloropropene
Concen: 5.13 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004464.D
Acq: 16 Apr 2021 13:02

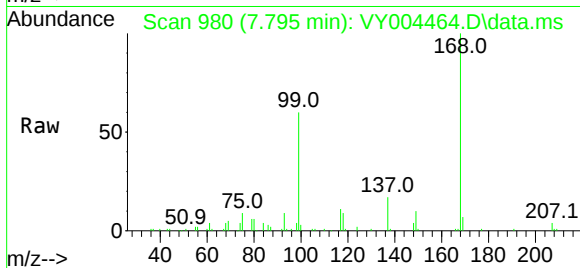
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.3	17.3	51.7#
77	0.0	24.3	36.5#



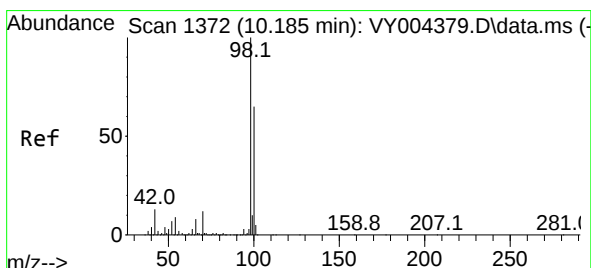
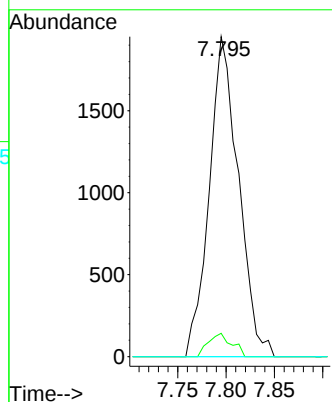
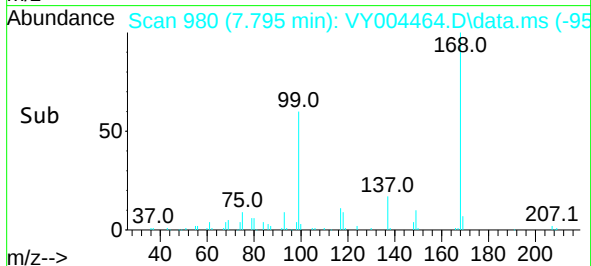


#38
Carbon Tetrachloride
Concen: 7.05 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004464.D
Acq: 16 Apr 2021 13:02

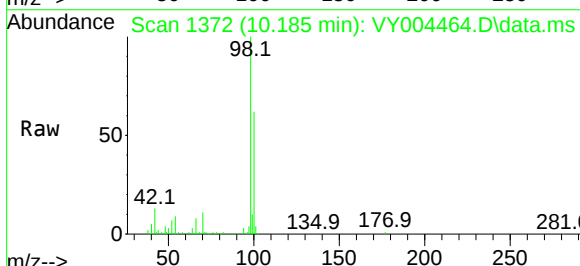
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0124055



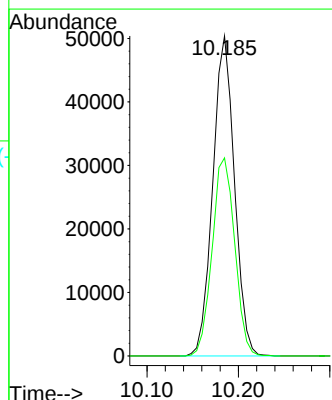
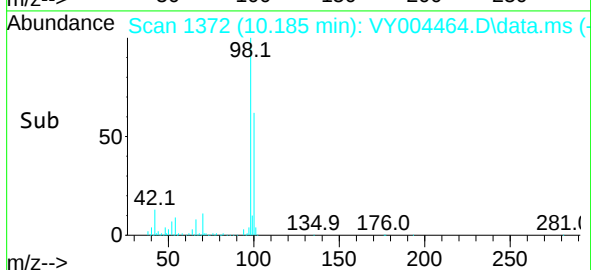
Tgt Ion:117 Resp: 4110
Ion Ratio Lower Upper
117 100
119 7.3 75.8 113.8#
121 0.0 25.3 37.9#

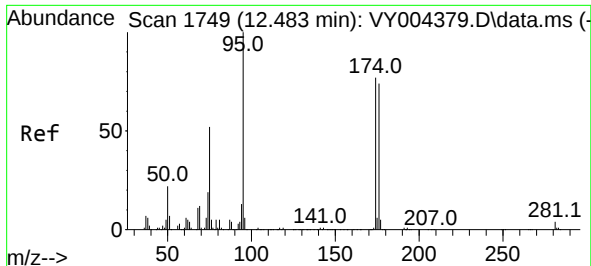


#50
Toluene-d8
Concen: 51.71 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004464.D
Acq: 16 Apr 2021 13:02



Tgt Ion: 98 Resp: 82902
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6

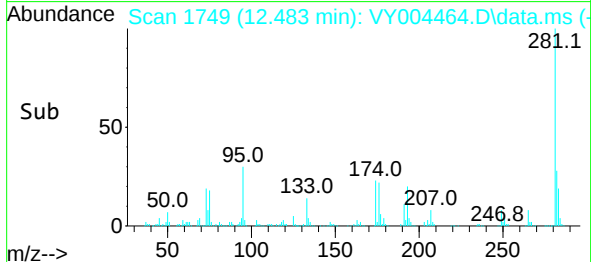
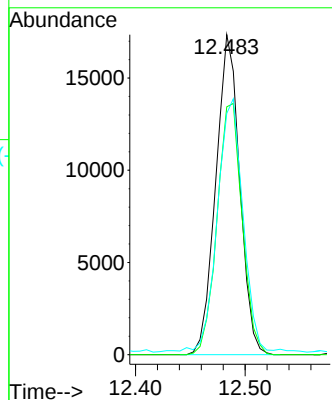
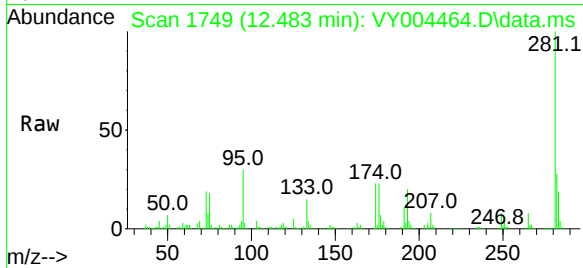




#62
4-Bromofluorobenzene
Concen: 48.25 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004464.D
Acq: 16 Apr 2021 13:02

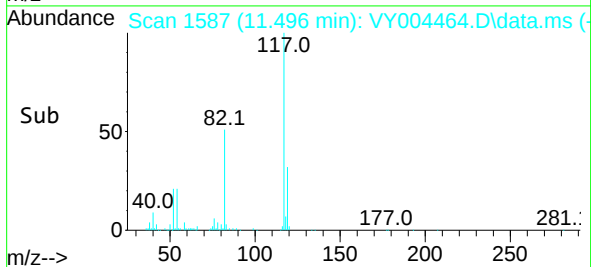
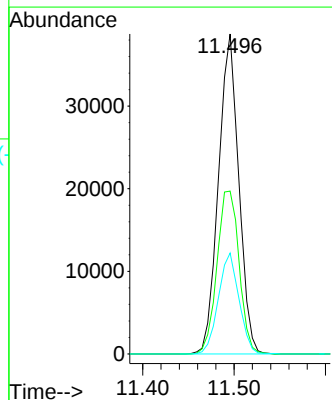
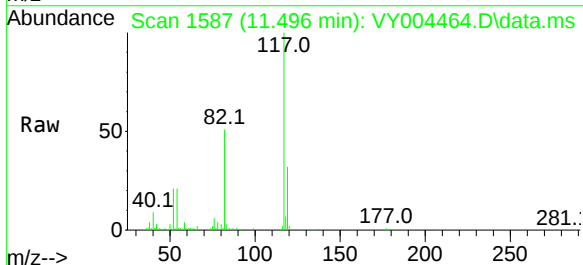
Instrument :
MSVOA_Y
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0124055

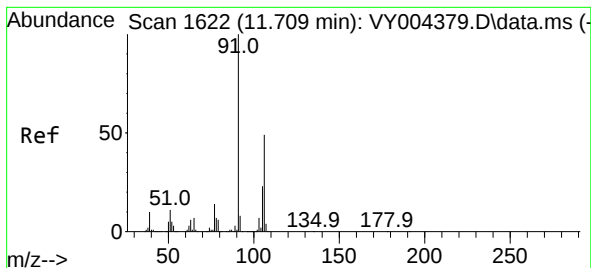
Tgt Ion: 95 Resp: 26248
Ion Ratio Lower Upper
95 100
174 82.4 0.0 162.4
176 84.2 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004464.D
Acq: 16 Apr 2021 13:02

Tgt Ion: 117 Resp: 59788
Ion Ratio Lower Upper
117 100
82 50.9 44.9 67.3
119 31.6 25.4 38.0

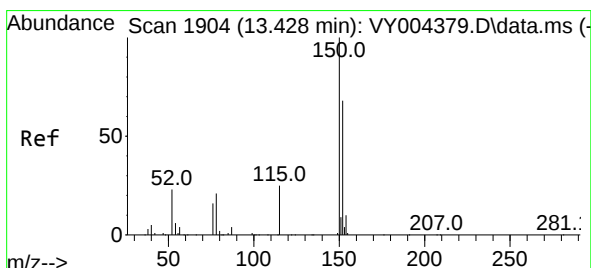
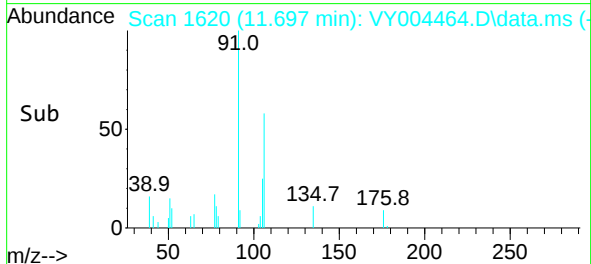
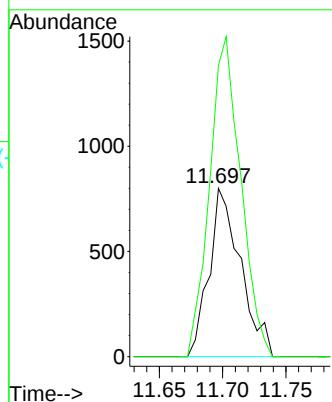
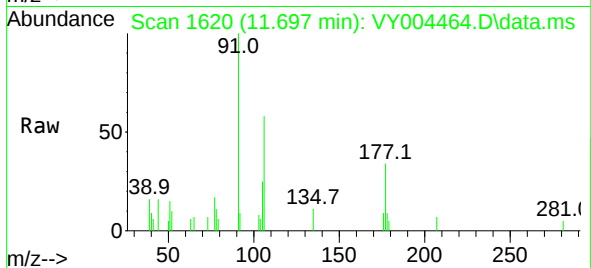




#68
m/p-Xylenes
Concen: 1.63 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.012 min
Lab File: VY004464.D
Acq: 16 Apr 2021 13:02

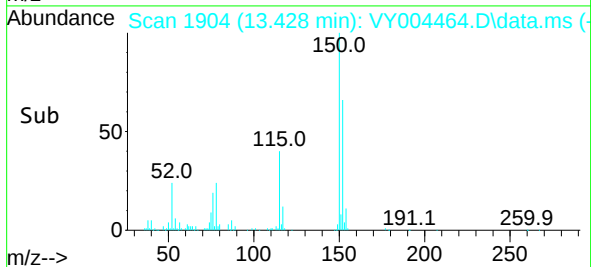
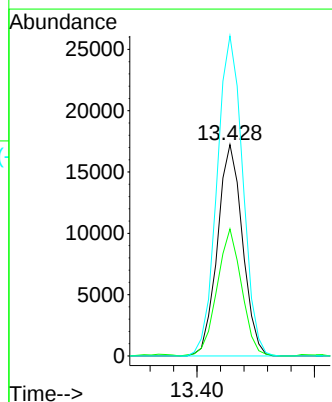
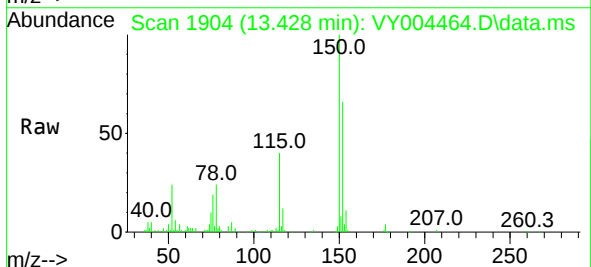
Instrument :
MSVOA_Y
ClientSampleId :
0124055

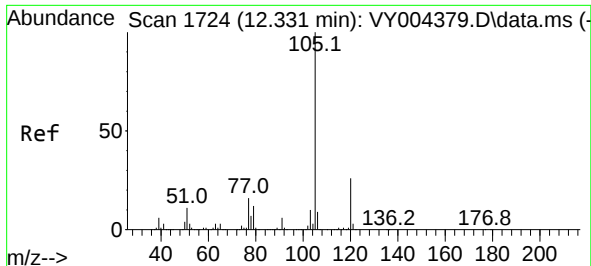
Tgt Ion:106 Resp: 1383
Ion Ratio Lower Upper
106 100
91 188.6 163.2 244.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004464.D
Acq: 16 Apr 2021 13:02

Tgt Ion:152 Resp: 25510
Ion Ratio Lower Upper
152 100
115 59.0 29.6 88.8
150 156.0 0.0 348.4

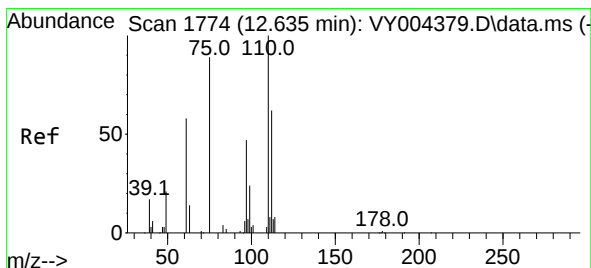
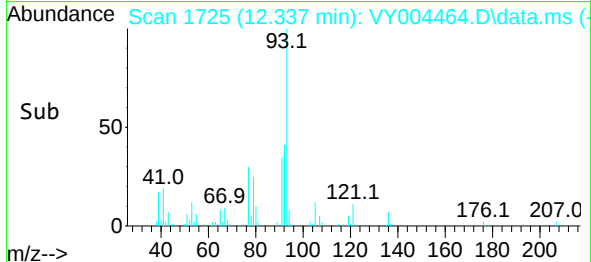
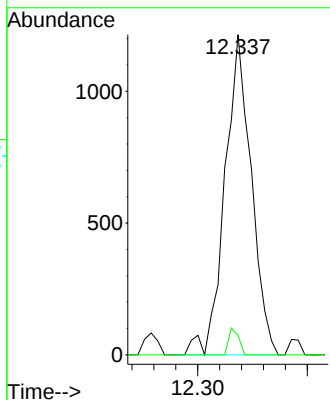
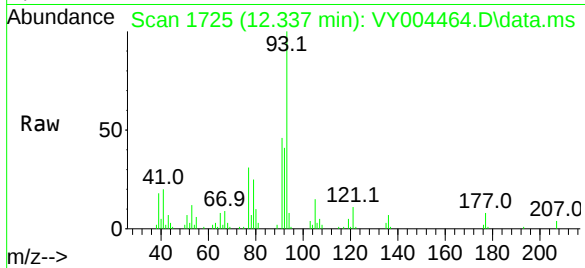




#73
Isopropylbenzene
Concen: 1.03 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY004464.D
Acq: 16 Apr 2021 13:02

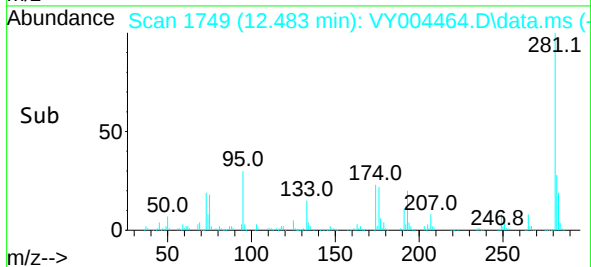
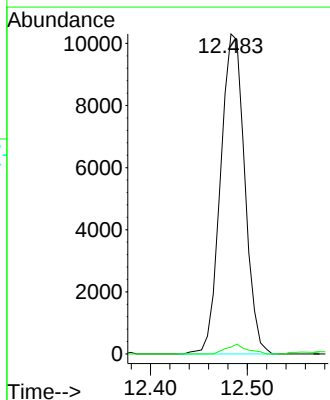
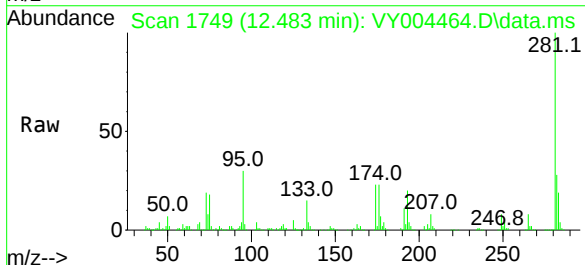
Instrument :
MSVOA_Y
ClientSampleId :
0124055

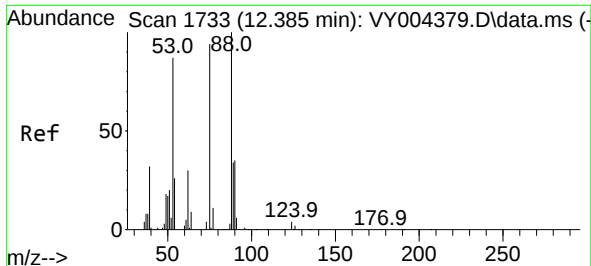
Tgt Ion:105 Resp: 2033
Ion Ratio Lower Upper
105 100
120 3.1 13.2 39.5#



#76
1,2,3-Trichloropropane
Concen: 65.12 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004464.D
Acq: 16 Apr 2021 13:02

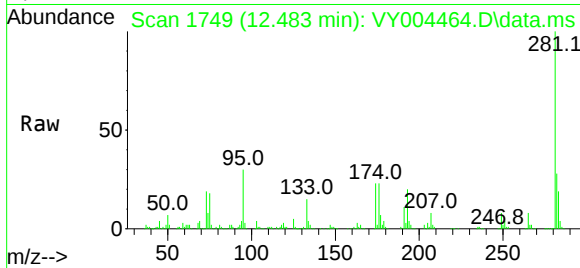
Tgt Ion: 75 Resp: 17830
Ion Ratio Lower Upper
75 100
77 2.6 0.0 0.0#



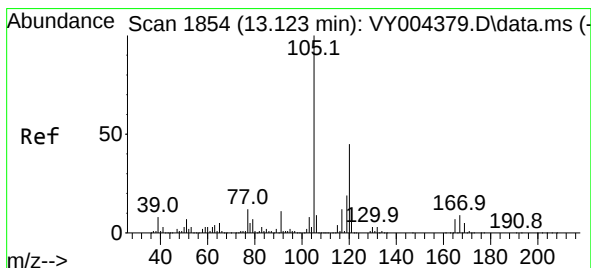
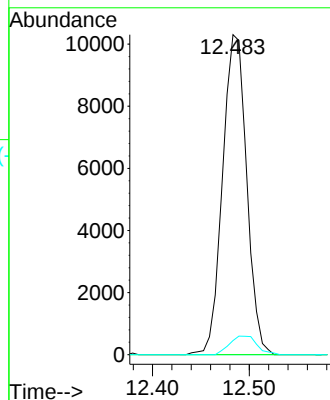
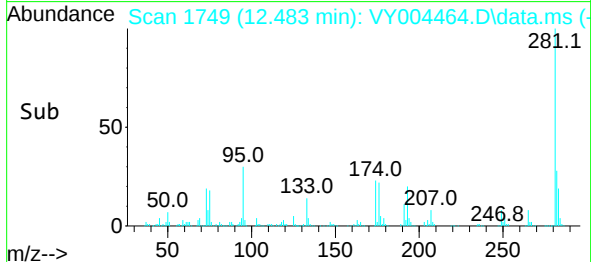


#81
trans-1,4-Dichloro-2-butene
Concen: 116.50 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004464.D
Acq: 16 Apr 2021 13:02

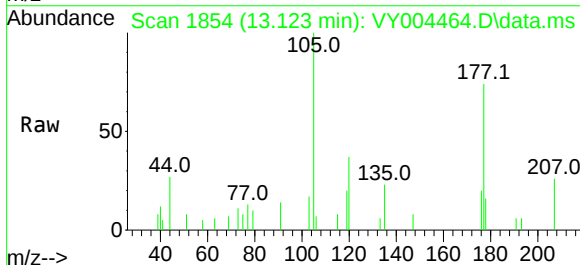
Instrument :
MSVOA_Y
ClientSampleId :
0124055



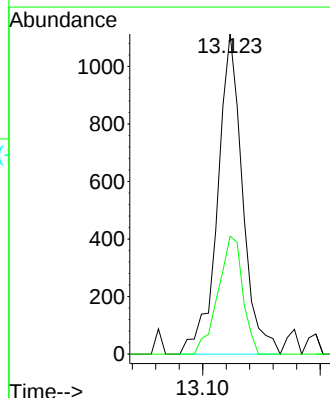
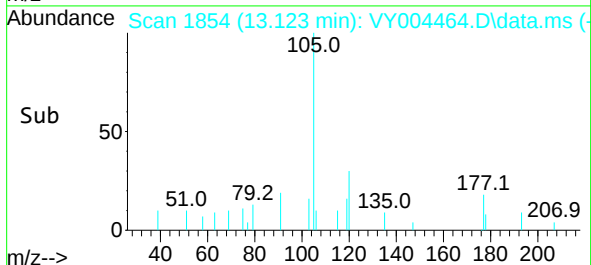
Tgt Ion: 75 Resp: 17830
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 6.6 36.1 54.1#

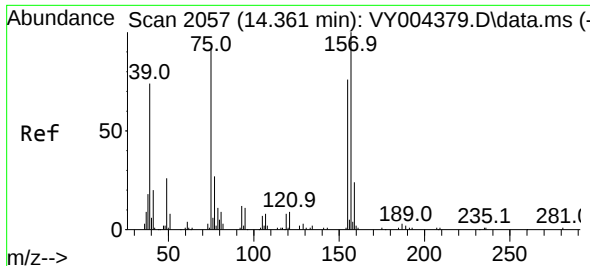


#84
1,2,4-Trimethylbenzene
Concen: 1.02 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004464.D
Acq: 16 Apr 2021 13:02



Tgt Ion: 105 Resp: 1649
Ion Ratio Lower Upper
105 100
120 36.1 22.4 67.3

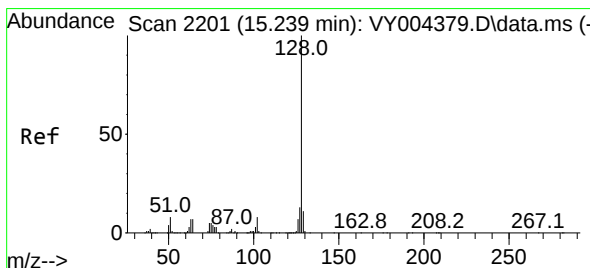
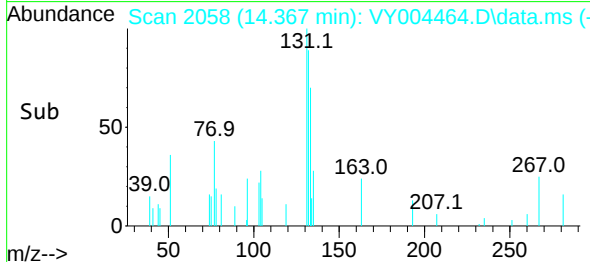
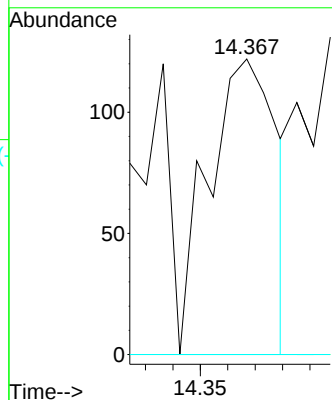
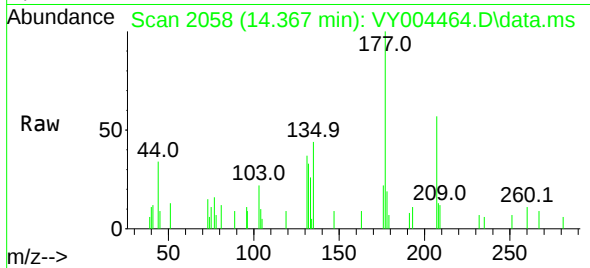




#92
1,2-Dibromo-3-Chloropropane
Concen: 3.15 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VY004464.D
Acq: 16 Apr 2021 13:02

Instrument :
MSVOA_Y
ClientSampleId :
0124055

Tgt Ion: 75 Resp: 211
Ion Ratio Lower Upper
75 100
155 0.0 40.6 121.8#
157 0.0 53.0 159.0#



#95
Naphthalene
Concen: 555.92 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004464.D
Acq: 16 Apr 2021 13:02

Tgt Ion:128 Resp: 585365
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.8 8.8 13.2

