

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041621\
 Data File : VY004463.D
 Acq On : 16 Apr 2021 12:39
 Operator : SY/MD
 Sample : M2051-03
 Misc : 5.17G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 0124035

Quant Time: Apr 17 00:53:10 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	168377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	293424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	267672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109515	50.00	ug/l	0.00

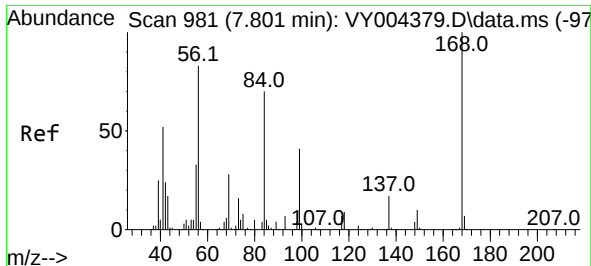
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	107005	57.20	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.40%
35) Dibromofluoromethane	7.728	113	89041	54.68	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.36%
50) Toluene-d8	10.185	98	358313	51.73	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.46%
62) 4-Bromofluorobenzene	12.483	95	118165	50.27	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.54%

Target Compounds						Qvalue
4) Vinyl Chloride	2.260	62	10800	4.53	ug/l #	43
11) Tert butyl alcohol	4.966	59	1330	7.21	ug/l #	73
16) Acetone	3.979	43	1572	Below Cal		98
20) Methylene Chloride	4.735	84	11052	6.12	ug/l	87
31) Cyclohexane	7.795	56	4182	1.22	ug/l #	7
36) 1,1-Dichloropropene	7.795	75	13669	4.69	ug/l #	50
38) Carbon Tetrachloride	7.801	117	16442	6.52	ug/l #	15
51) 4-Methyl-2-Pentanone	10.185	43	2158	1.18	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	69556	59.18	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	69556	105.86	ug/l #	14

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

Quant Time: Apr 17 00:53:10 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

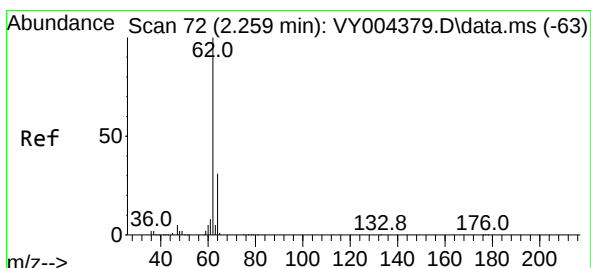
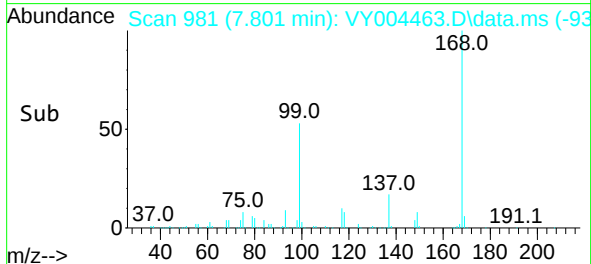
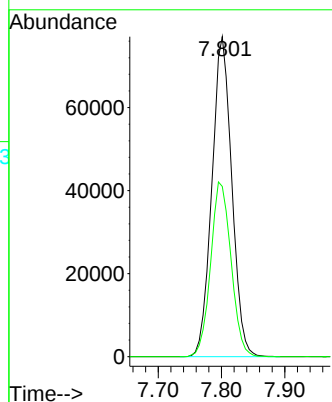
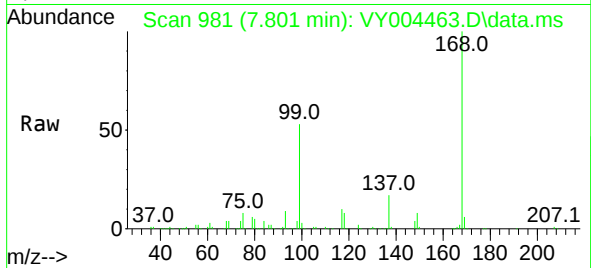




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004463.D
Acq: 16 Apr 2021 12:39

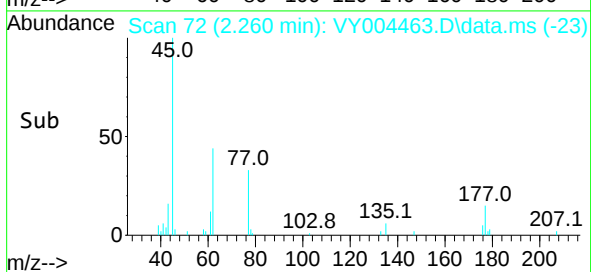
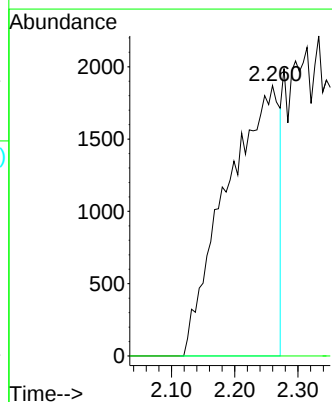
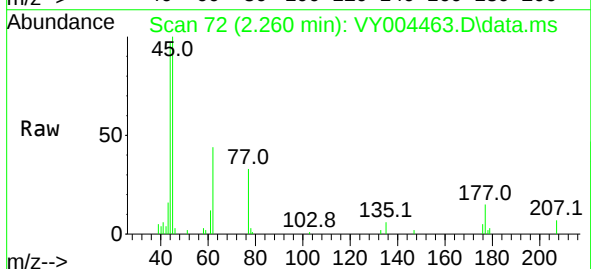
Instrument :
MSVOA_Y
ClientSampleId :
0124035

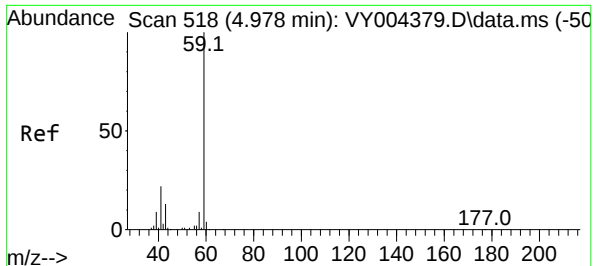
Tgt Ion:168 Resp: 168377
Ion Ratio Lower Upper
168 100
99 53.2 45.5 68.3



#4
Vinyl Chloride
Concen: 4.53 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY004463.D
Acq: 16 Apr 2021 12:39

Tgt Ion: 62 Resp: 10800
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



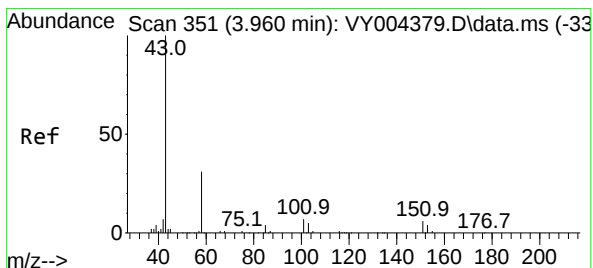
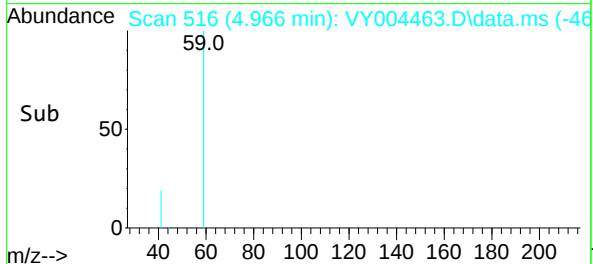
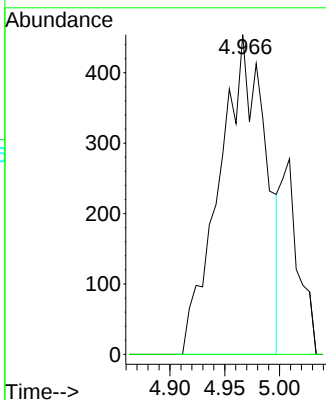
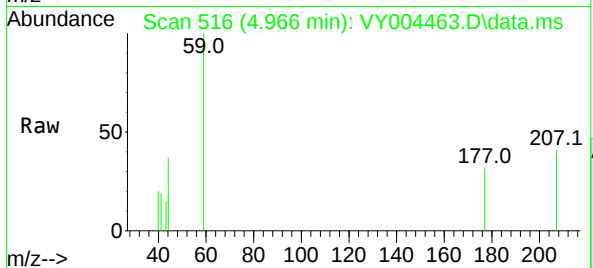


#11

Tert butyl alcohol
Concen: 7.21 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004463.D
Acq: 16 Apr 2021 12:39

Instrument :
MSVOA_Y
ClientSampled :
0124035

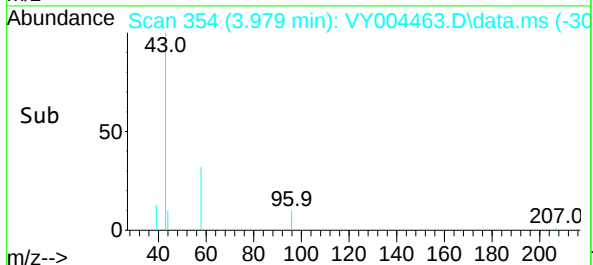
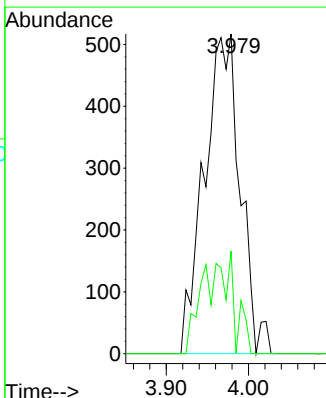
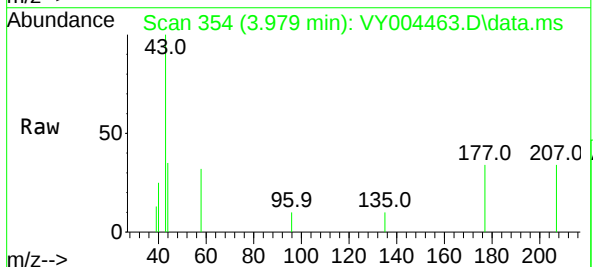
Tgt Ion: 59 Resp: 1330
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

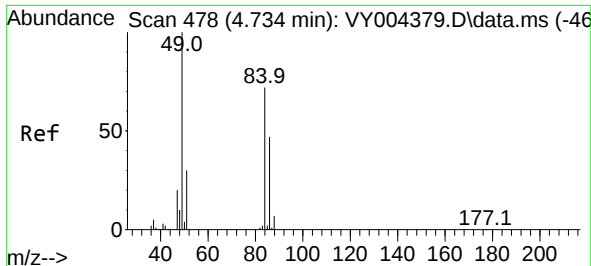


#16

Acetone
Concen: Below Cal
RT: 3.979 min Scan# 354
Delta R.T. 0.019 min
Lab File: VY004463.D
Acq: 16 Apr 2021 12:39

Tgt Ion: 43 Resp: 1572
Ion Ratio Lower Upper
43 100
58 32.1 24.6 37.0

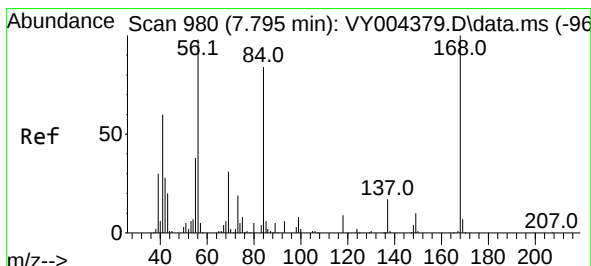
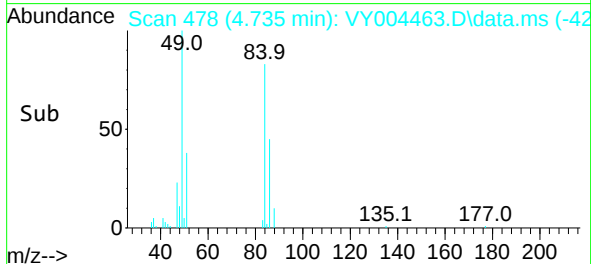
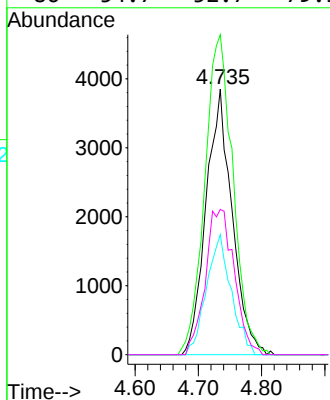
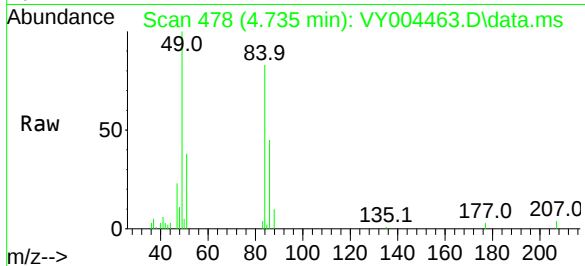




#20
Methylene Chloride
Concen: 6.12 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004463.D
Acq: 16 Apr 2021 12:39

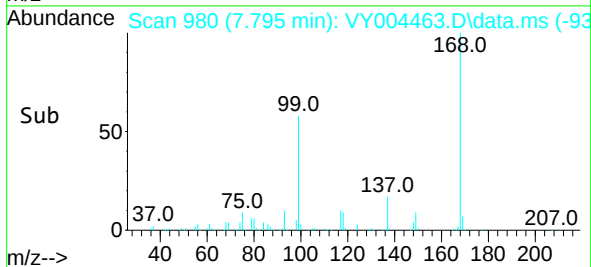
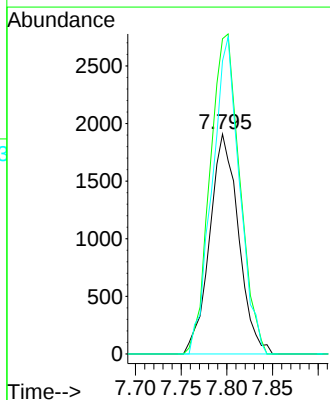
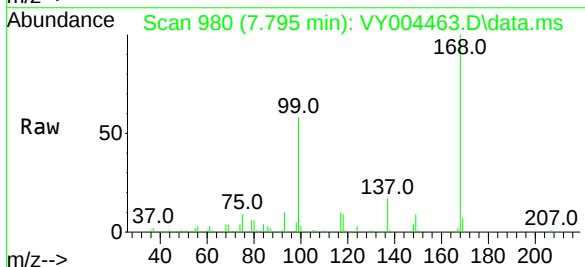
Instrument :
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ClientSampleId :
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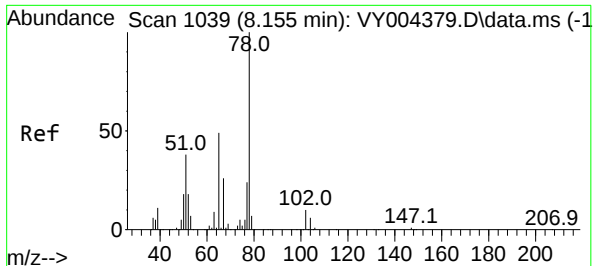
Tgt Ion:	84	Resp:	11052
Ion	Ratio	Lower	Upper
84	100		
49	120.5	111.2	166.8
51	45.2	33.4	50.2
86	54.7	52.7	79.1



#31
Cyclohexane
Concen: 1.22 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004463.D
Acq: 16 Apr 2021 12:39

Tgt Ion:	56	Resp:	4182
Ion	Ratio	Lower	Upper
56	100		
69	143.3	25.8	38.6#
84	133.3	68.2	102.4#

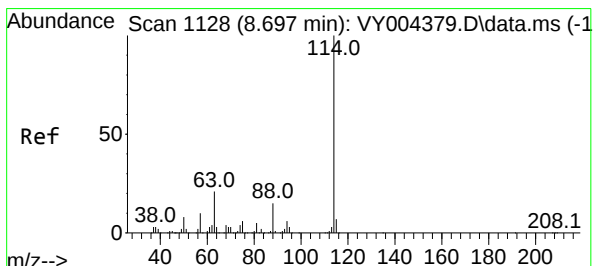
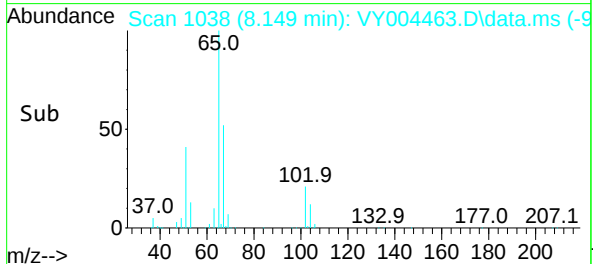
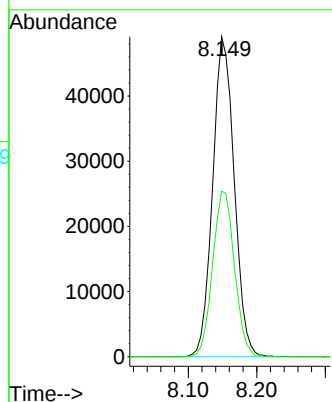
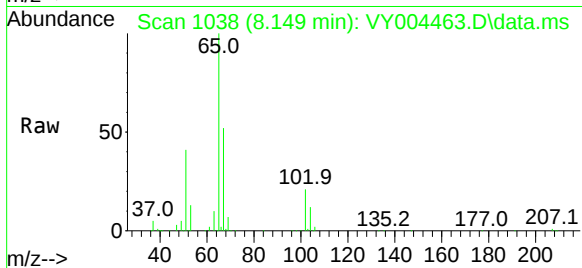




#33
1,2-Dichloroethane-d4
Concen: 57.20 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004463.D
Acq: 16 Apr 2021 12:39

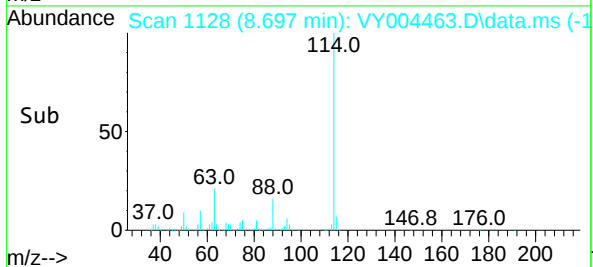
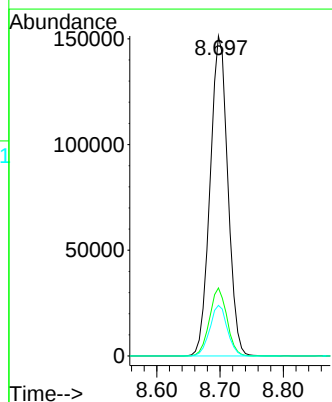
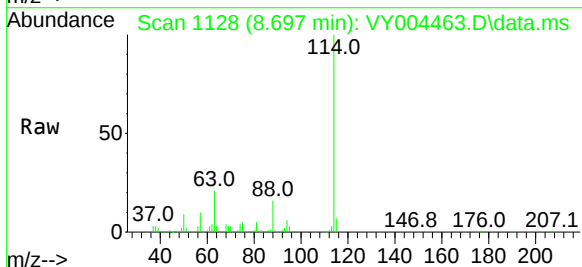
Instrument :
MSVOA_Y
ClientSampleId :
0124035

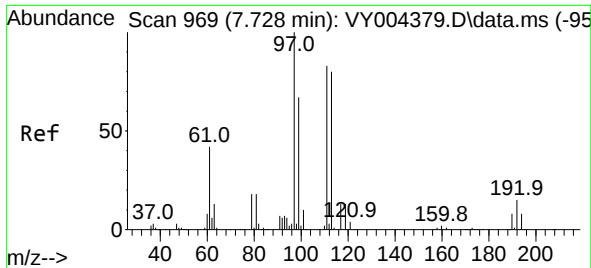
Tgt Ion: 65 Resp: 107005
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004463.D
Acq: 16 Apr 2021 12:39

Tgt Ion: 114 Resp: 293424
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.4
88 15.8 0.0 30.8

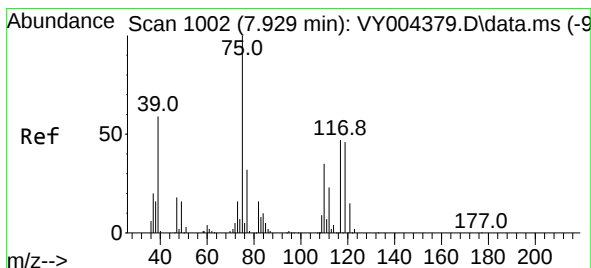
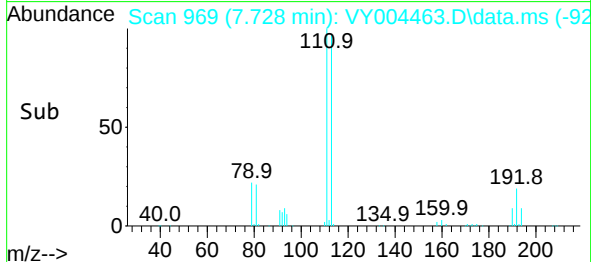
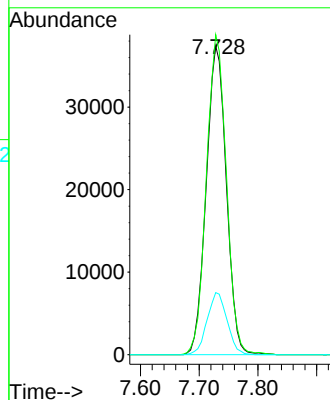
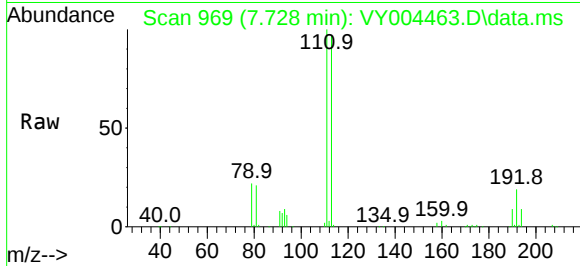




#35
Dibromofluoromethane
Concen: 54.68 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004463.D
Acq: 16 Apr 2021 12:39

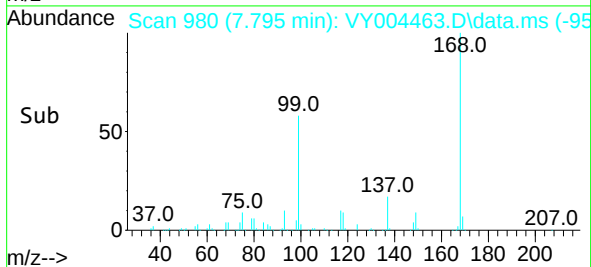
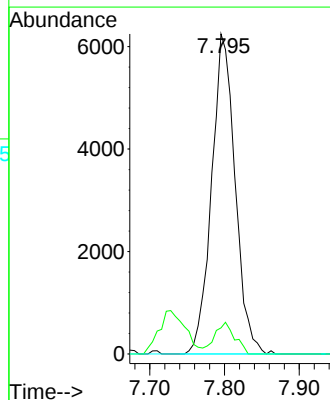
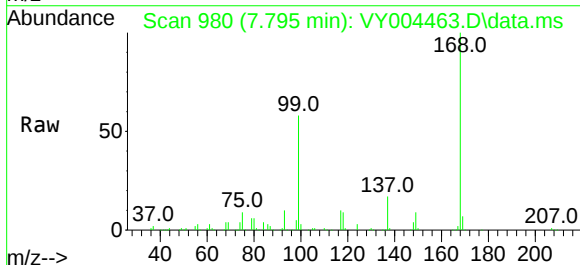
Instrument :
MSVOA_Y
ClientSampleId :
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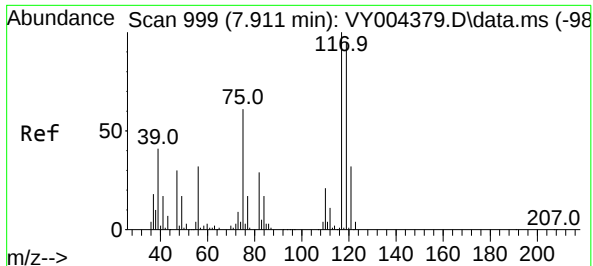
Tgt Ion:	113	Resp:	89041
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	123.8
192	19.9	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.69 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004463.D
Acq: 16 Apr 2021 12:39

Tgt Ion:	75	Resp:	13669
Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.3	51.7#
77	0.0	24.3	36.5#

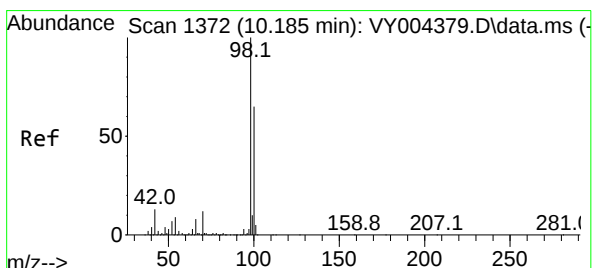
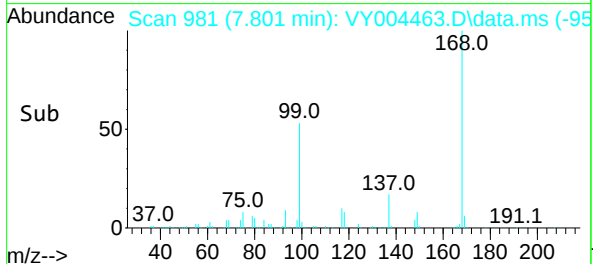
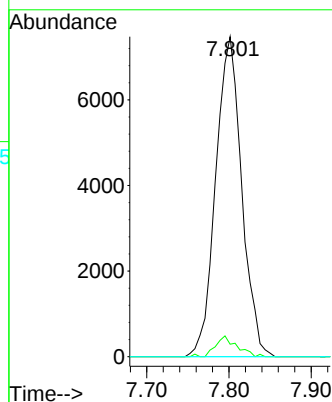
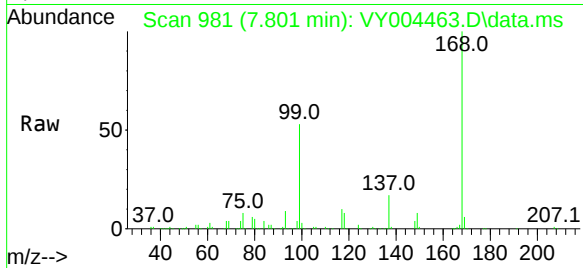




#38
Carbon Tetrachloride
Concen: 6.52 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.109 min
Lab File: VY004463.D
Acq: 16 Apr 2021 12:39

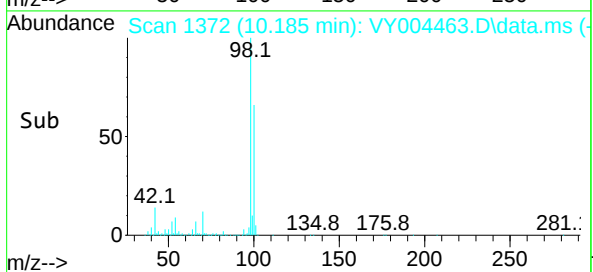
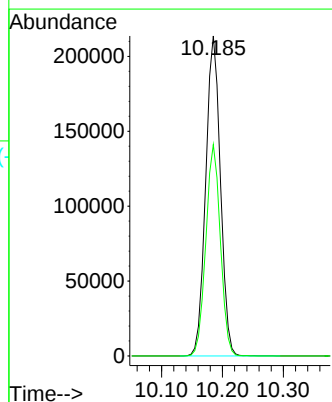
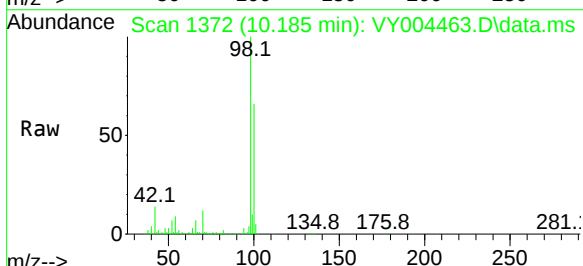
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ClientSampleId :
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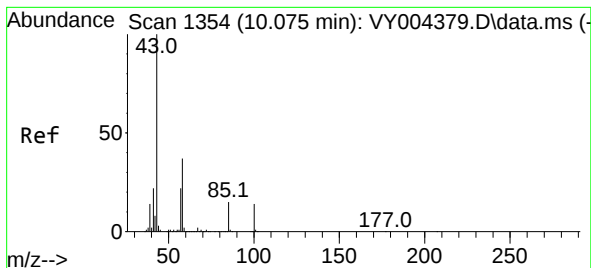
Tgt Ion:117 Resp: 16442
Ion Ratio Lower Upper
117 100
119 3.9 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 51.73 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004463.D
Acq: 16 Apr 2021 12:39

Tgt Ion: 98 Resp: 358313
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6

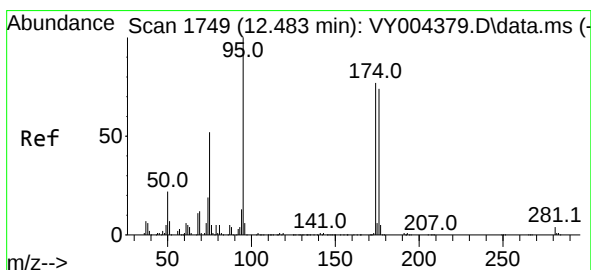
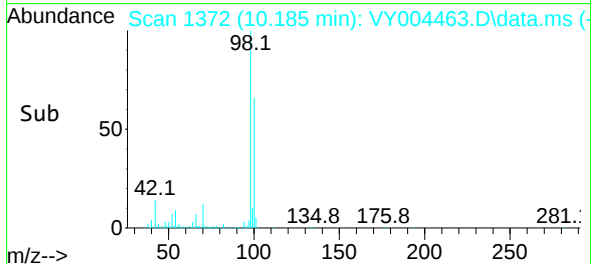
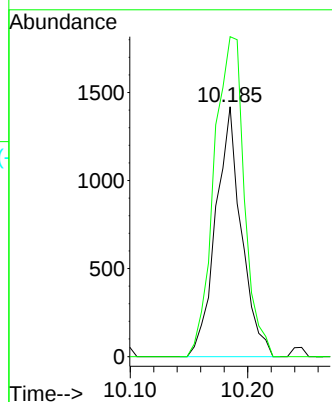
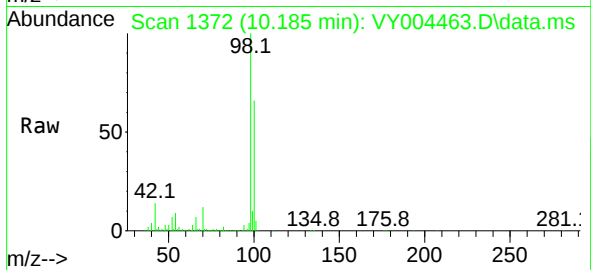




#51
4-Methyl-2-Pentanone
Concen: 1.18 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004463.D
Acq: 16 Apr 2021 12:39

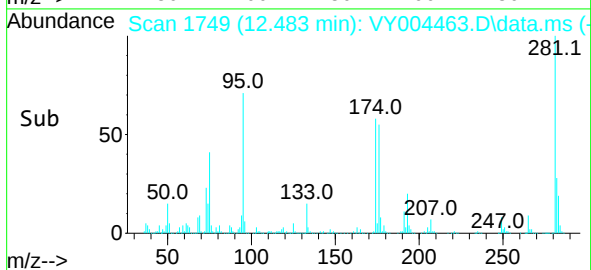
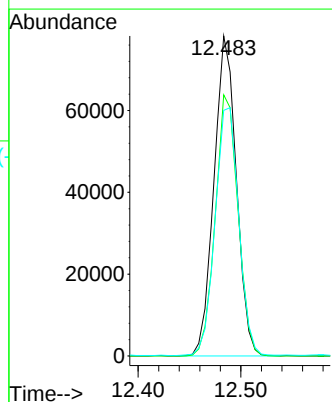
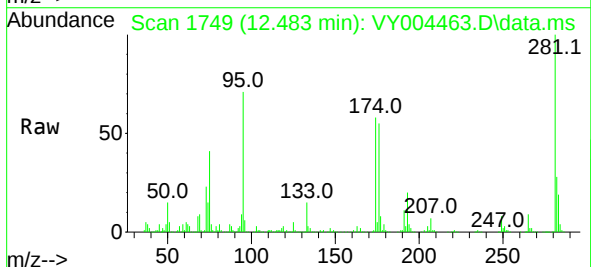
Instrument :
MSVOA_Y
ClientSampleId :
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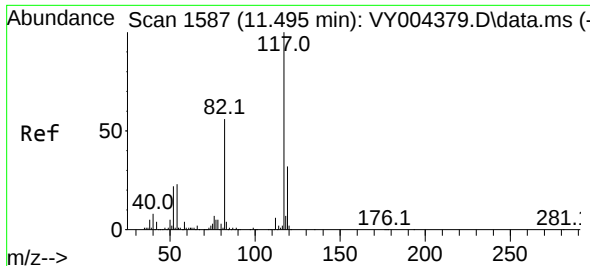
Tgt Ion: 43 Resp: 2158
Ion Ratio Lower Upper
43 100
58 150.3 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 50.27 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004463.D
Acq: 16 Apr 2021 12:39

Tgt Ion: 95 Resp: 118165
Ion Ratio Lower Upper
95 100
174 82.7 0.0 162.4
176 81.8 0.0 156.0

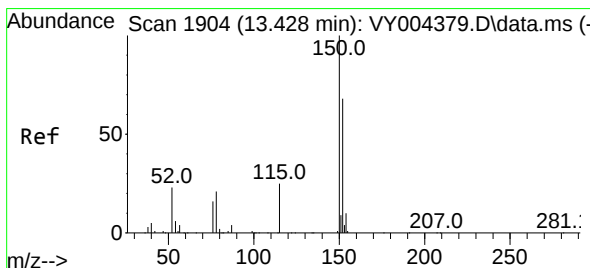
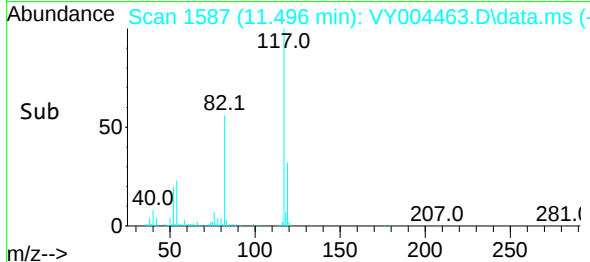
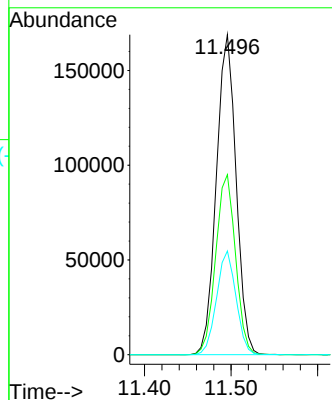
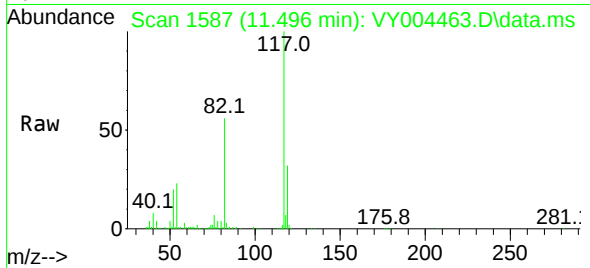




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004463.D
Acq: 16 Apr 2021 12:39

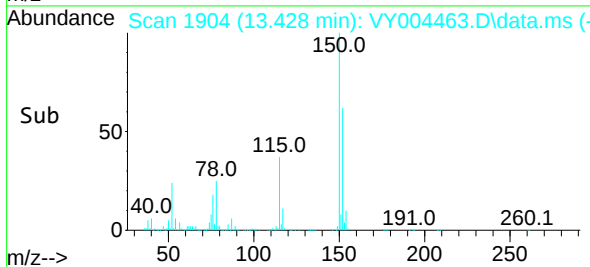
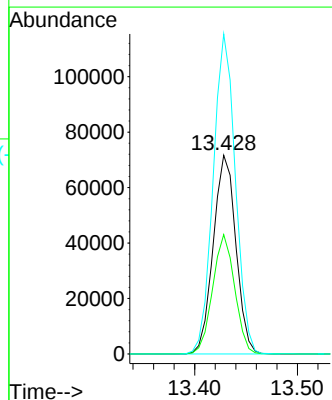
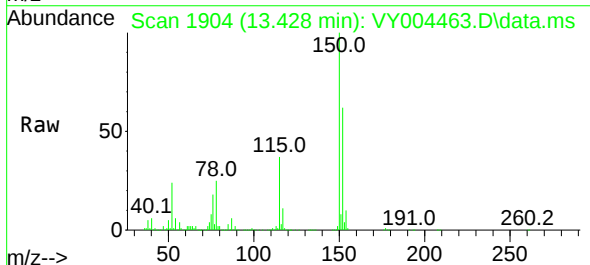
Instrument :
MSVOA_Y
ClientSampleId :
0124035

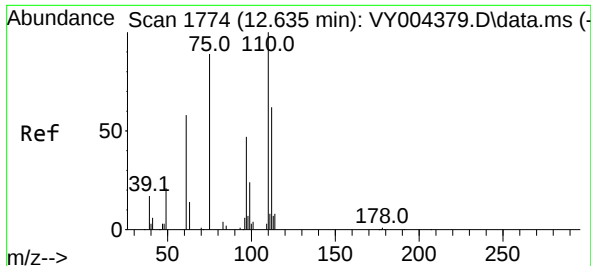
Tgt Ion:117 Resp: 267672
Ion Ratio Lower Upper
117 100
82 56.3 44.9 67.3
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004463.D
Acq: 16 Apr 2021 12:39

Tgt Ion:152 Resp: 109515
Ion Ratio Lower Upper
152 100
115 58.6 29.6 88.8
150 158.1 0.0 348.4

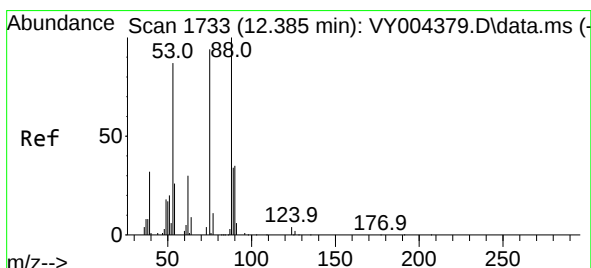
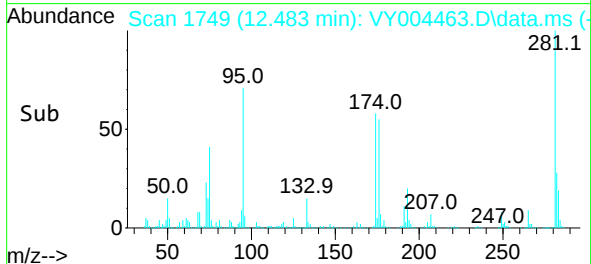
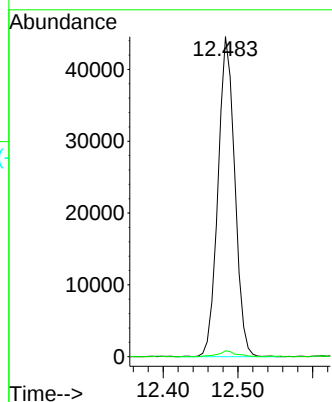
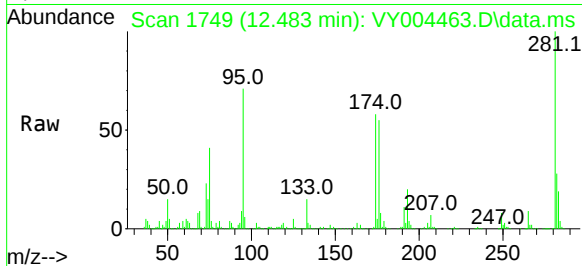




#76
1,2,3-Trichloropropane
Concen: 59.18 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004463.D
Acq: 16 Apr 2021 12:39

Instrument :
MSVOA_Y
ClientSampleId :
0124035

Tgt Ion: 75 Resp: 69556
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.86 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004463.D
Acq: 16 Apr 2021 12:39

Tgt Ion: 75 Resp: 69556
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 3.2 36.1 54.1#

