

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
 Data File : VY004587.D
 Acq On : 22 Apr 2021 16:02
 Operator : SY/MD
 Sample : M2099-09RE
 Misc : 5.61G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 23 09:21:14 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)

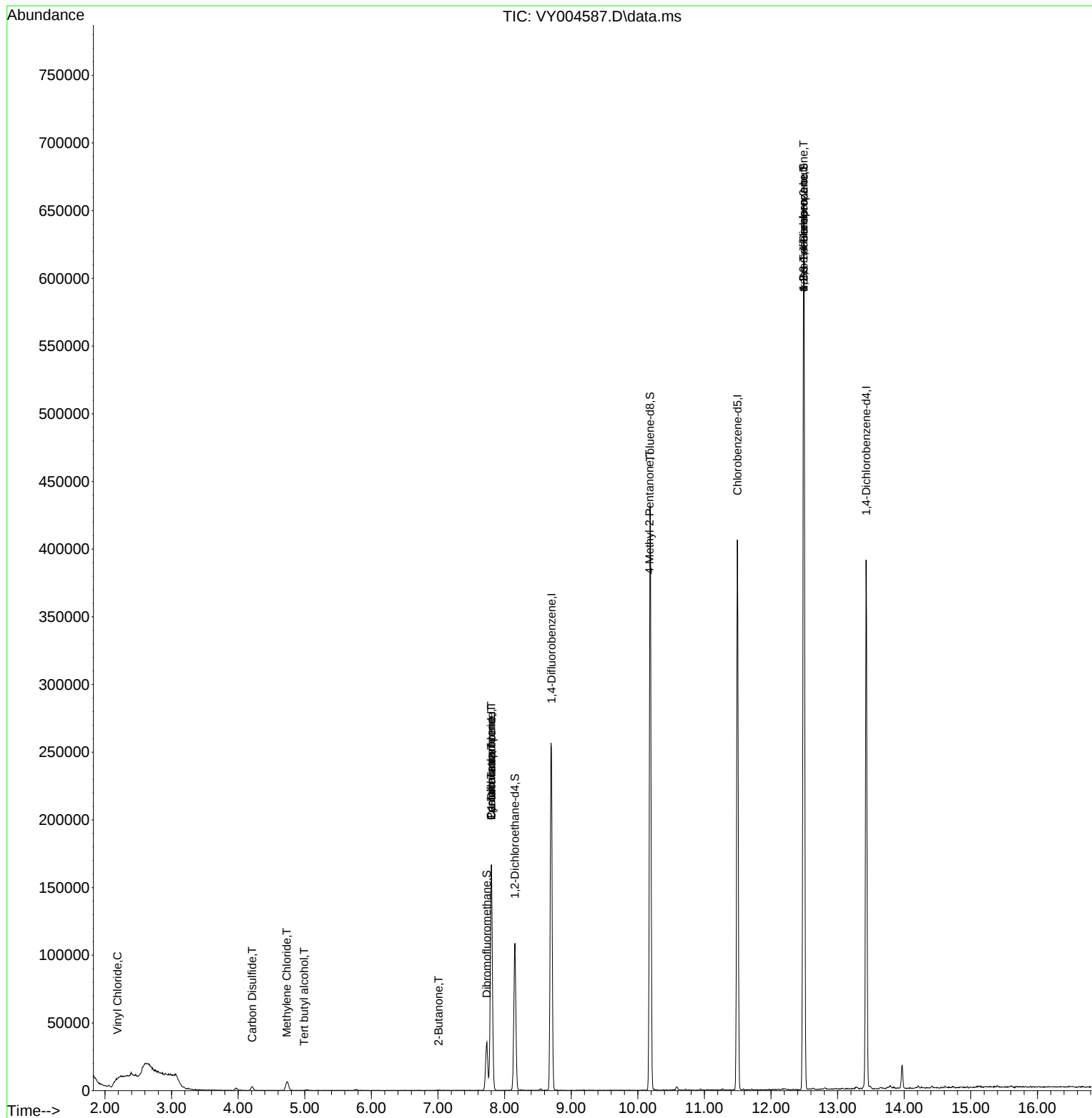
Internal Standards						
1) Pentafluorobenzene	7.801	168	119863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	214849	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	205419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91156	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	82317	61.81	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.62%
35) Dibromofluoromethane	7.734	113	24290	20.37	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	40.74%#
50) Toluene-d8	10.184	98	268783	53.00	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.00%
62) 4-Bromofluorobenzene	12.489	95	93718	54.45	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.90%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.186	62	3709	2.19	ug/l #	43
11) Tert butyl alcohol	4.990	59	150	1.14	ug/l #	73
16) Acetone	3.966	43	3153	Below	Cal	97
17) Carbon Disulfide	4.210	76	5197	1.45	ug/l	97
20) Methylene Chloride	4.728	84	4662	3.62	ug/l	96
25) 2-Butanone	7.008	43	579	1.14	ug/l #	50
31) Cyclohexane	7.801	56	3189	1.31	ug/l #	12
36) 1,1-Dichloropropene	7.801	75	10319	4.83	ug/l #	50
38) Carbon Tetrachloride	7.801	117	12586	6.82	ug/l #	17
51) 4-Methyl-2-Pentanone	10.178	43	1472	1.10	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	55508	56.74	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	55508	101.50	ug/l #	13

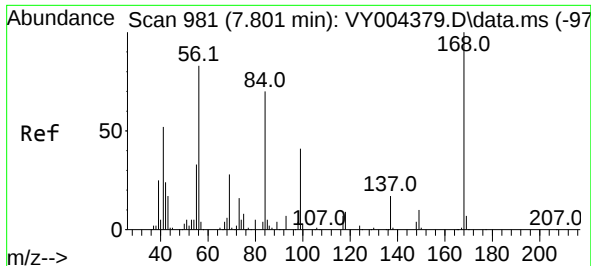
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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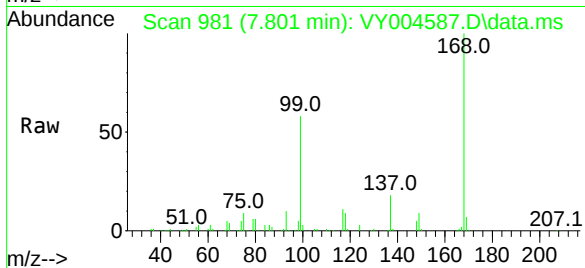
Quant Time: Apr 23 09:21:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



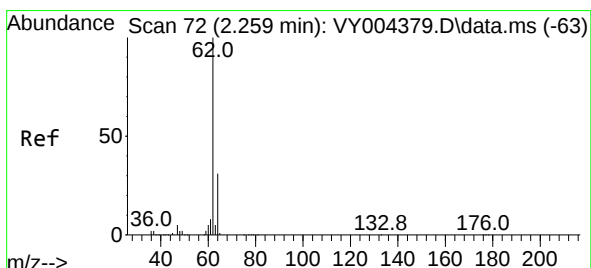
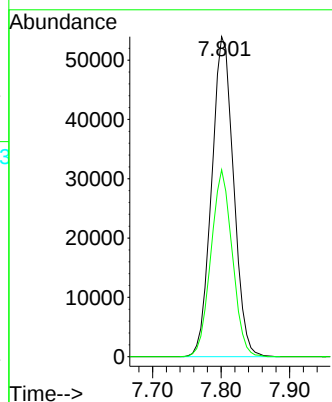
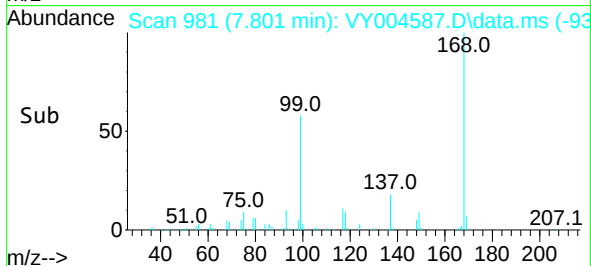


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004587.D
Acq: 22 Apr 2021 16:02

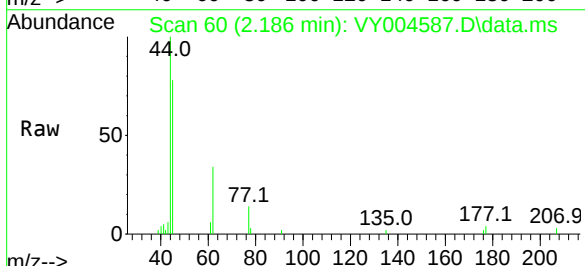
Instrument :
MSVOA_Y
ClientSampleId :



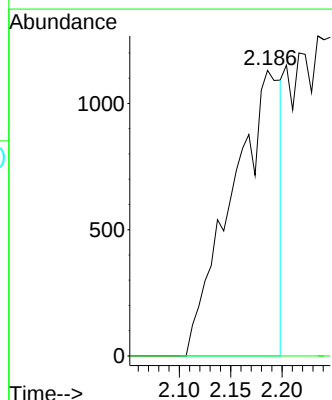
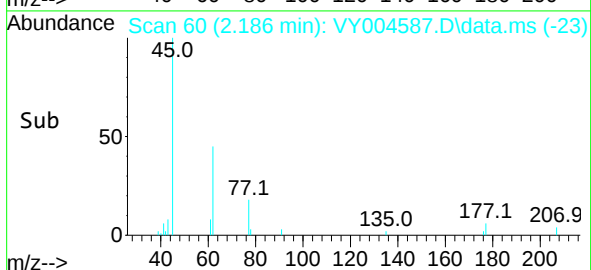
Tgt Ion:168 Resp: 119863
Ion Ratio Lower Upper
168 100
99 58.4 45.5 68.3

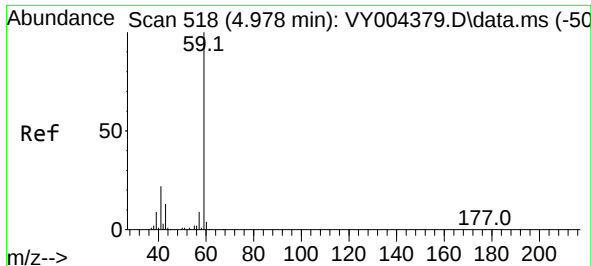


#4
Vinyl Chloride
Concen: 2.19 ug/l
RT: 2.186 min Scan# 60
Delta R.T. -0.073 min
Lab File: VY004587.D
Acq: 22 Apr 2021 16:02



Tgt Ion: 62 Resp: 3709
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



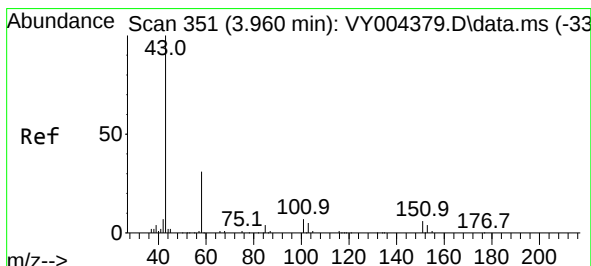
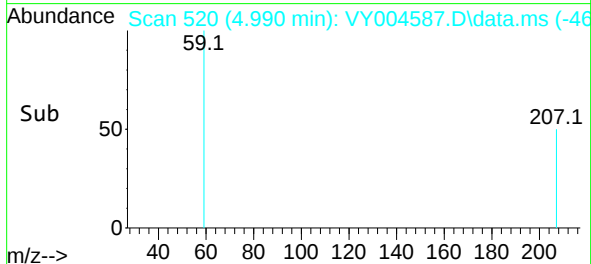
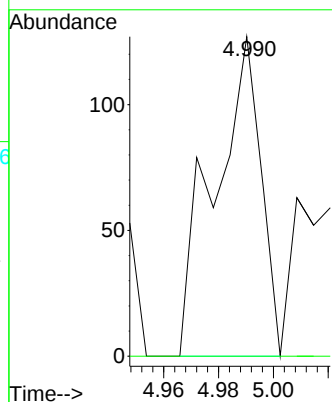
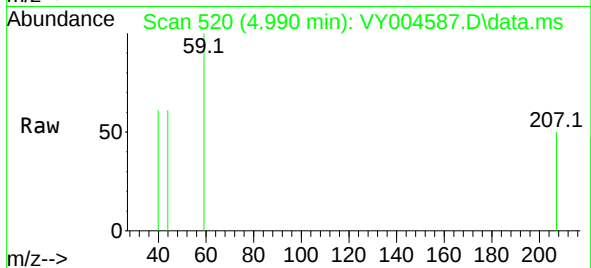


#11

Tert butyl alcohol
Concen: 1.14 ug/l
RT: 4.990 min Scan# 520
Delta R.T. 0.012 min
Lab File: VY004587.D
Acq: 22 Apr 2021 16:02

Instrument :
MSVOA_Y
ClientSampled :

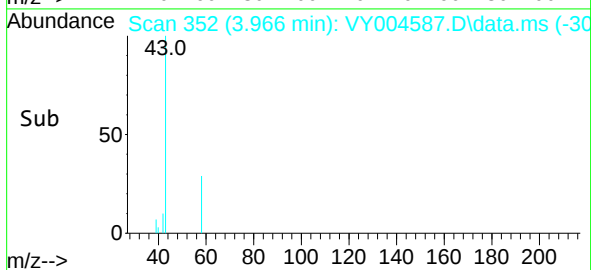
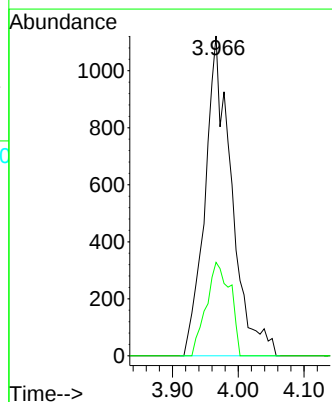
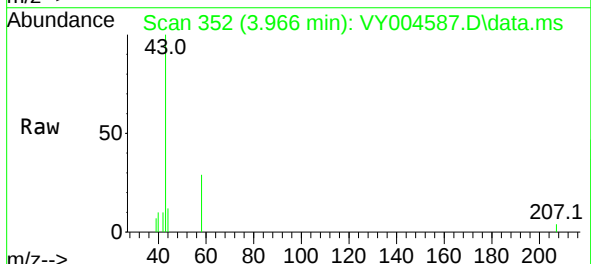
Tgt Ion: 59 Resp: 150
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

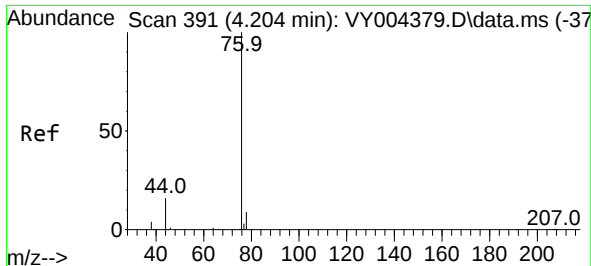


#16

Acetone
Concen: Below Cal
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004587.D
Acq: 22 Apr 2021 16:02

Tgt Ion: 43 Resp: 3153
Ion Ratio Lower Upper
43 100
58 29.2 24.6 37.0

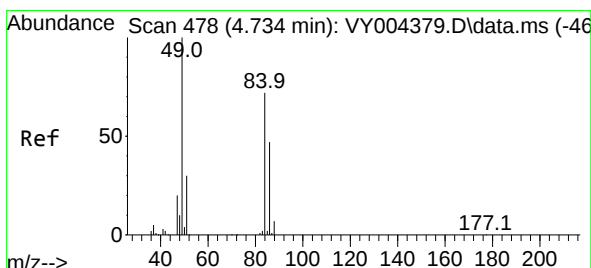
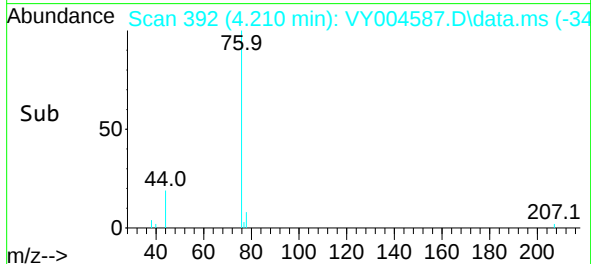
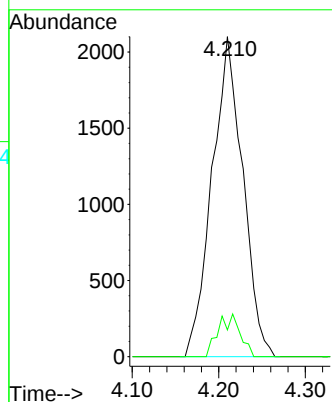
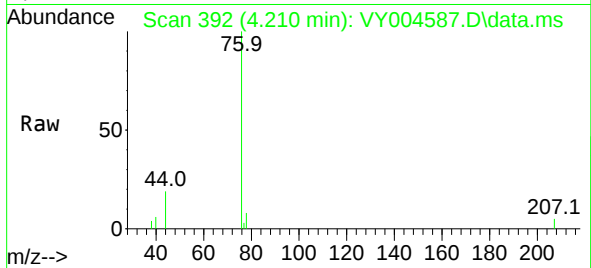




#17
Carbon Disulfide
Concen: 1.45 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY004587.D
Acq: 22 Apr 2021 16:02

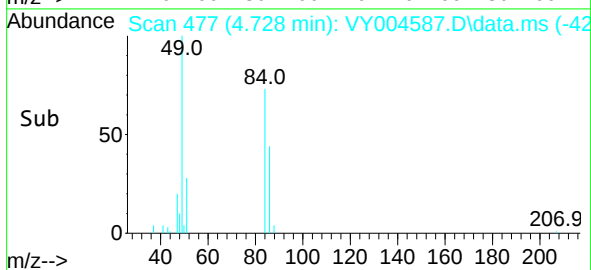
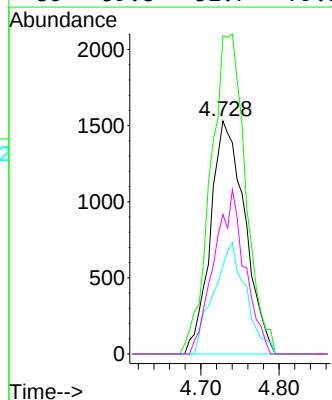
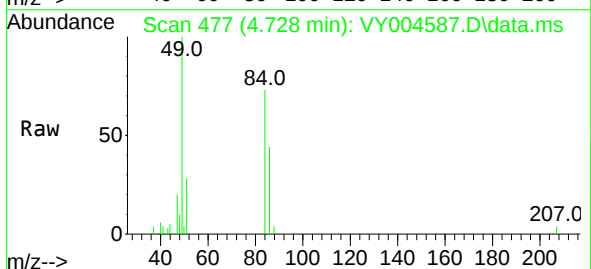
Instrument :
MSVOA_Y
ClientSampled :

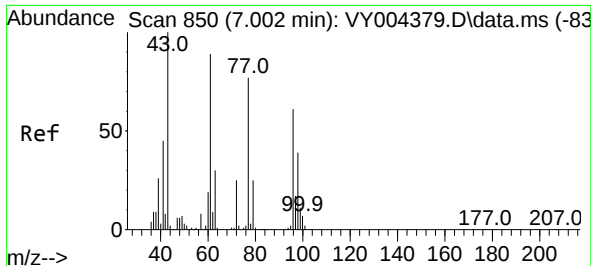
Tgt Ion: 76 Resp: 5197
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2



#20
Methylene Chloride
Concen: 3.62 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004587.D
Acq: 22 Apr 2021 16:02

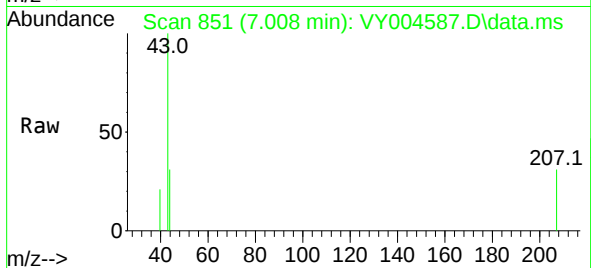
Tgt Ion: 84 Resp: 4662
Ion Ratio Lower Upper
84 100
49 136.5 111.2 166.8
51 37.9 33.4 50.2
86 59.8 52.7 79.1



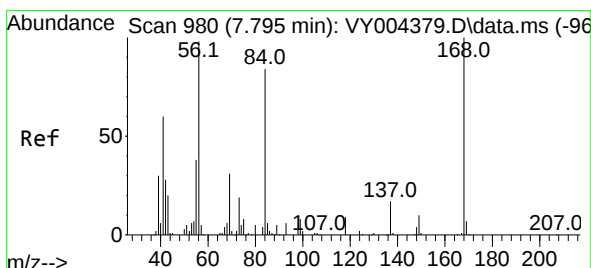
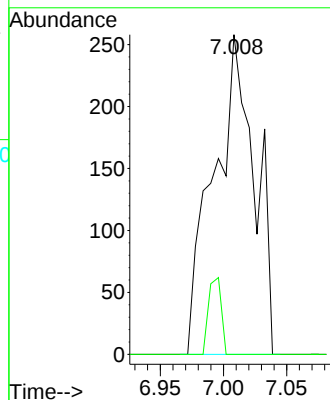
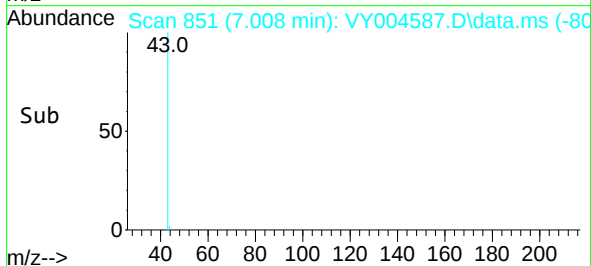


#25
2-Butanone
Concen: 1.14 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY004587.D
Acq: 22 Apr 2021 16:02

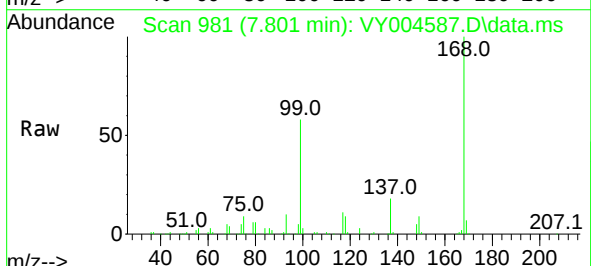
Instrument :
MSVOA_Y
ClientSampled :



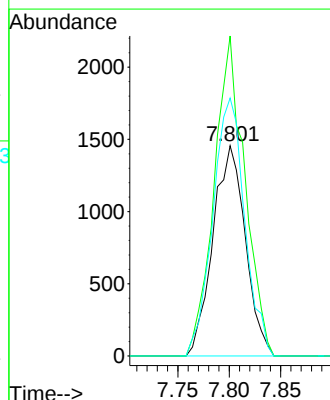
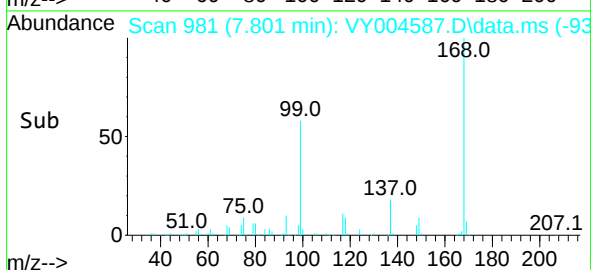
Tgt Ion: 43 Resp: 579
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.2#

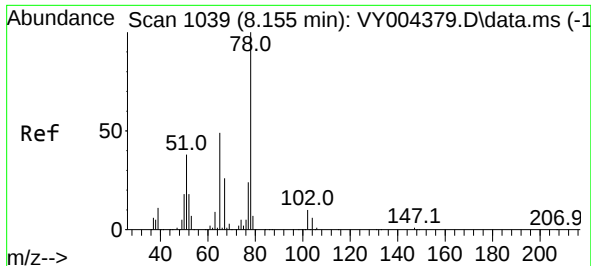


#31
Cyclohexane
Concen: 1.31 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004587.D
Acq: 22 Apr 2021 16:02



Tgt Ion: 56 Resp: 3189
Ion Ratio Lower Upper
56 100
69 152.2 25.8 38.6#
84 122.7 68.2 102.4#

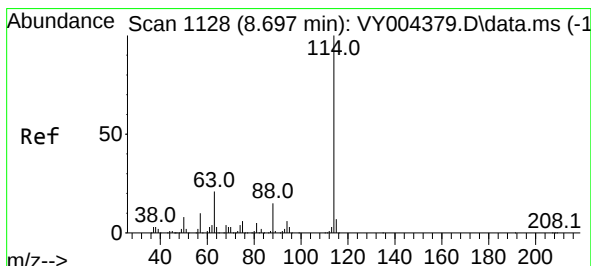
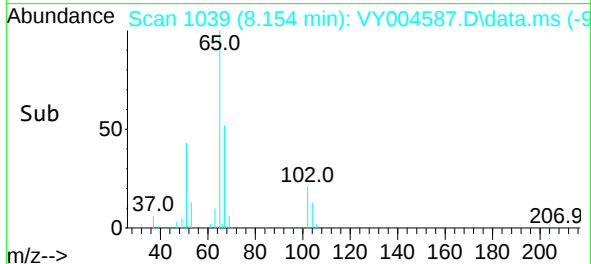
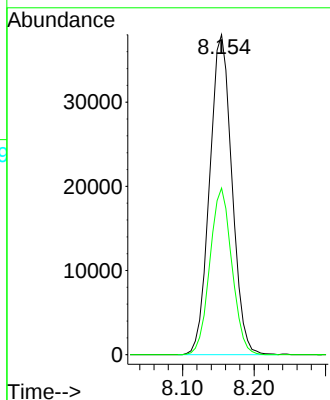
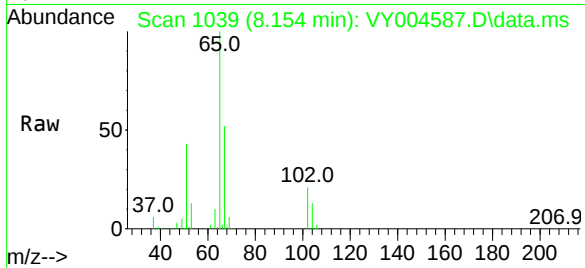




#33
1,2-Dichloroethane-d4
Concen: 61.81 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004587.D
Acq: 22 Apr 2021 16:02

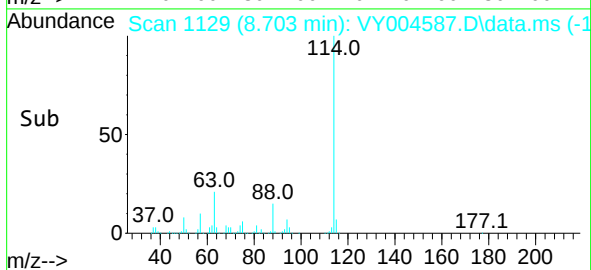
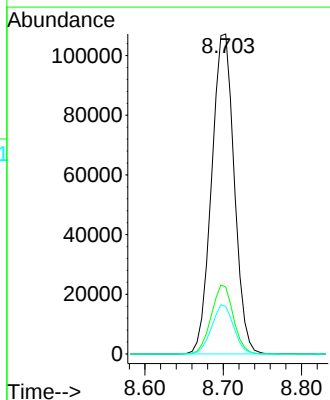
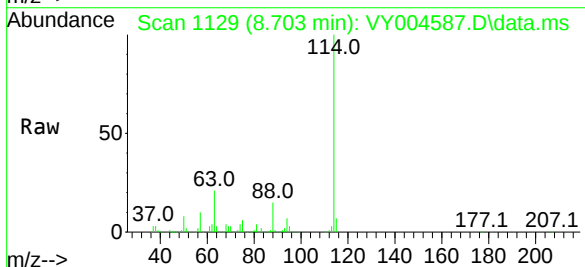
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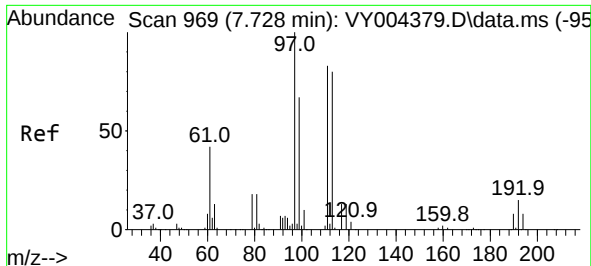
Tgt Ion: 65 Resp: 82317
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY004587.D
Acq: 22 Apr 2021 16:02

Tgt Ion:114 Resp: 214849
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.4
88 14.9 0.0 30.8

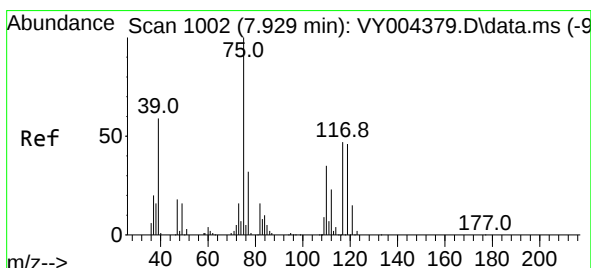
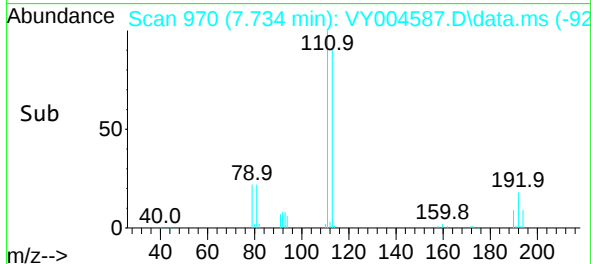
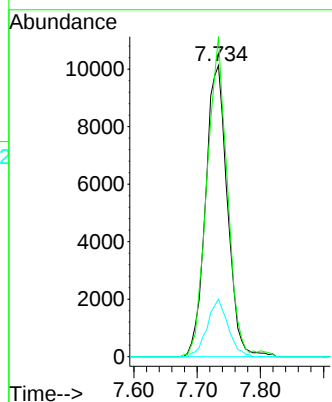
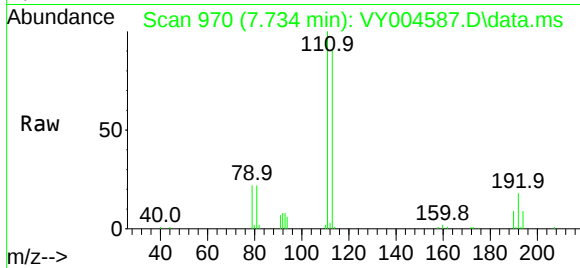




#35
Dibromofluoromethane
Concen: 20.37 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004587.D
Acq: 22 Apr 2021 16:02

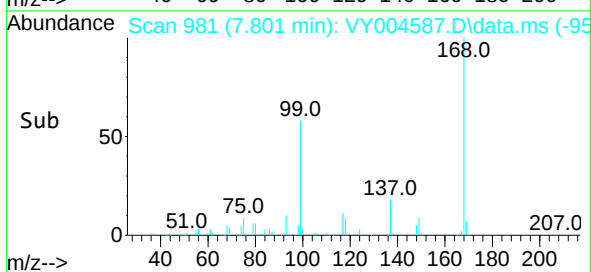
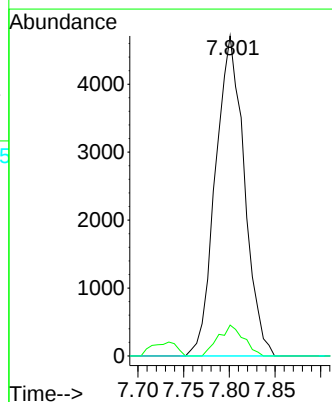
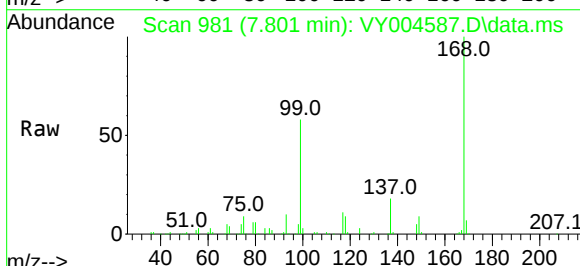
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MSVOA_Y
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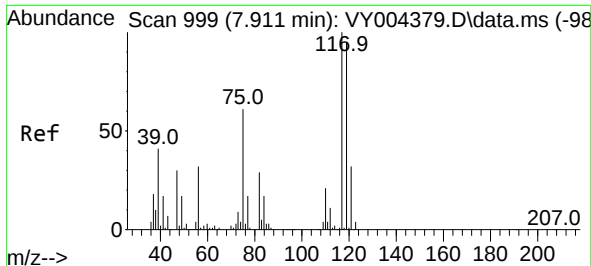
Tgt Ion:	113	Resp:	24290
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	123.8
192	18.8	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.83 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004587.D
Acq: 22 Apr 2021 16:02

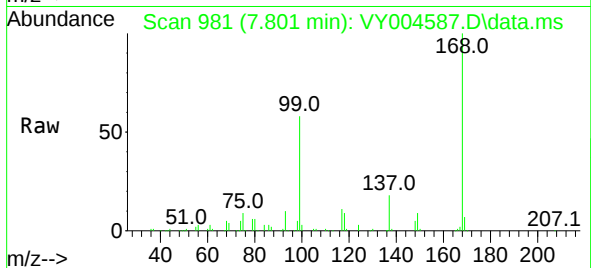
Tgt Ion:	75	Resp:	10319
Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.3	51.7#
77	0.0	24.3	36.5#



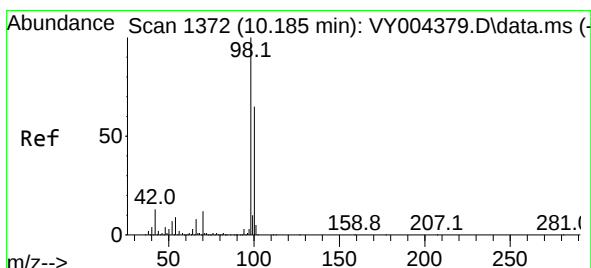
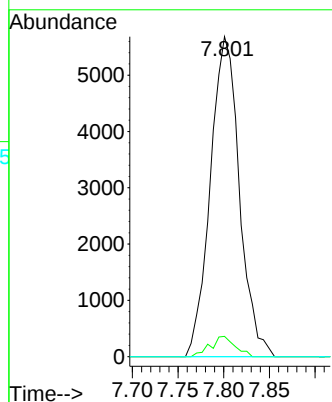
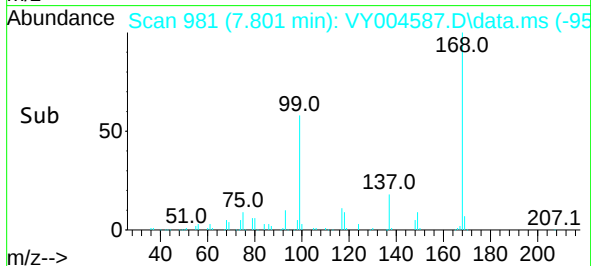


#38
Carbon Tetrachloride
Concen: 6.82 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004587.D
Acq: 22 Apr 2021 16:02

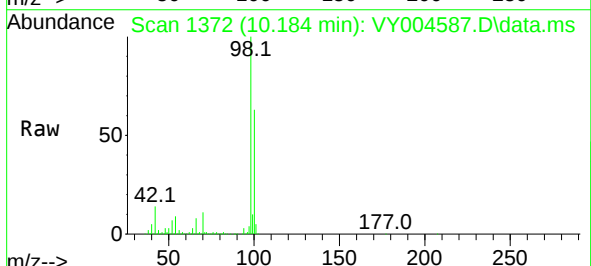
Instrument :
MSVOA_Y
ClientSampleId :



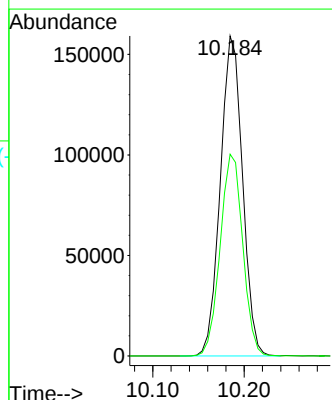
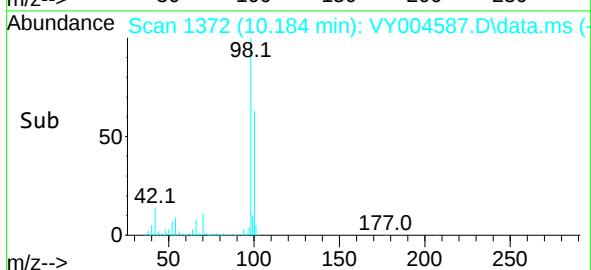
Tgt Ion:117 Resp: 12586
Ion Ratio Lower Upper
117 100
119 6.4 75.8 113.8#
121 0.0 25.3 37.9#

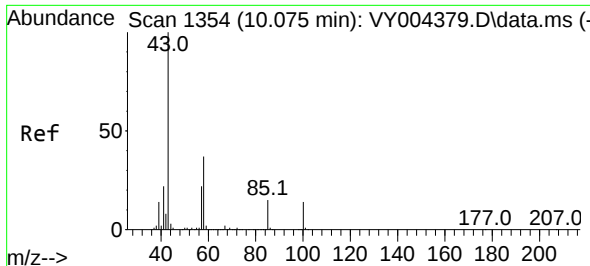


#50
Toluene-d8
Concen: 53.00 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004587.D
Acq: 22 Apr 2021 16:02



Tgt Ion: 98 Resp: 268783
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

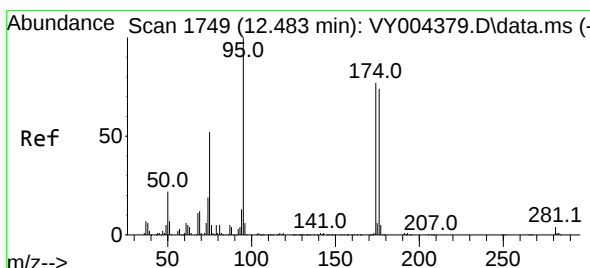
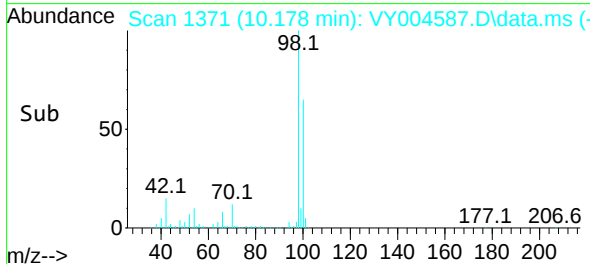
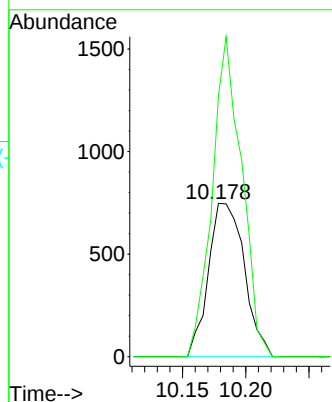
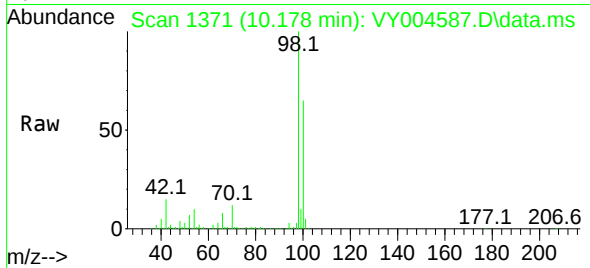




#51
4-Methyl-2-Pentanone
Concen: 1.10 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.103 min
Lab File: VY004587.D
Acq: 22 Apr 2021 16:02

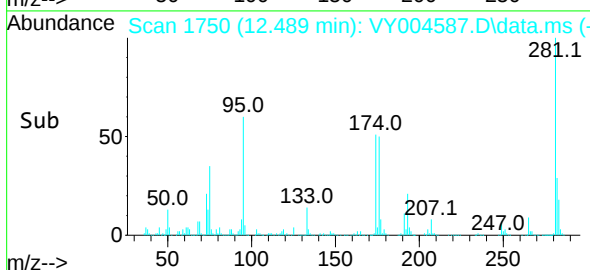
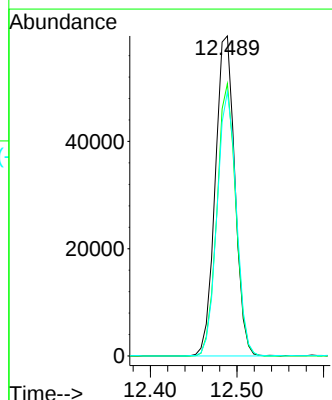
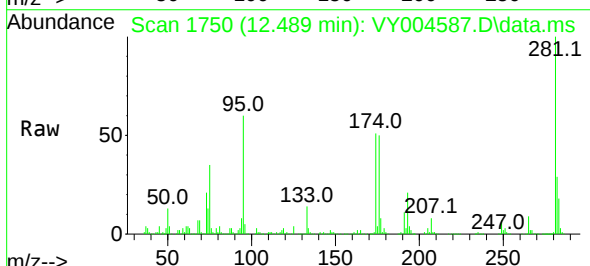
Instrument :
MSVOA_Y
ClientSampled :

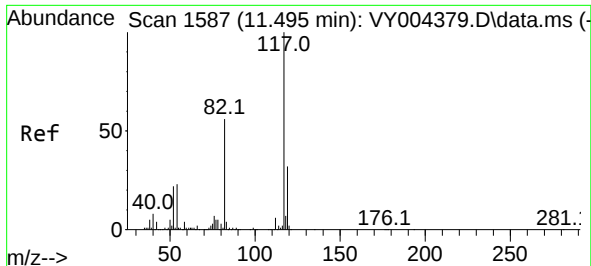
Tgt Ion: 43 Resp: 1472
Ion Ratio Lower Upper
43 100
58 172.4 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 54.45 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004587.D
Acq: 22 Apr 2021 16:02

Tgt Ion: 95 Resp: 93718
Ion Ratio Lower Upper
95 100
174 81.8 0.0 162.4
176 81.1 0.0 156.0

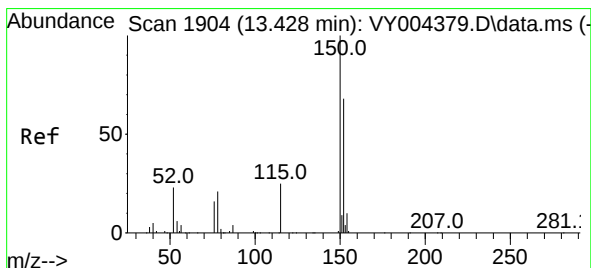
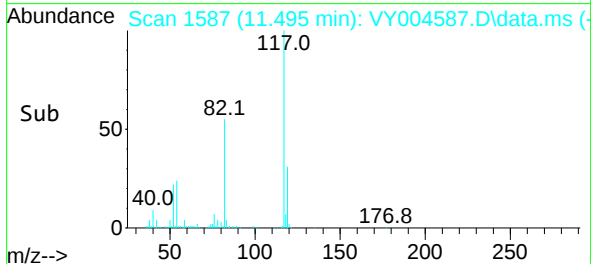
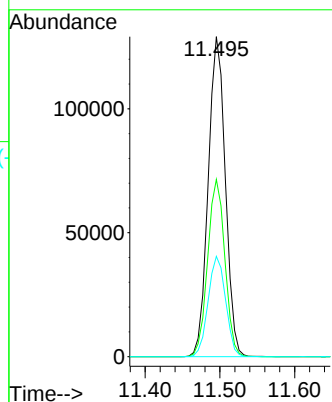
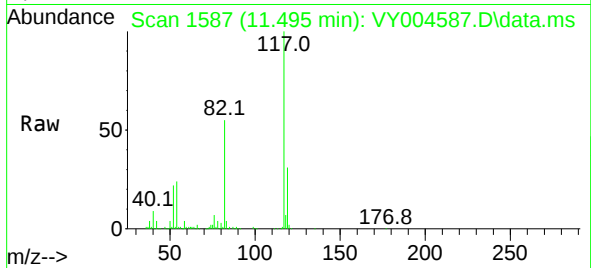




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004587.D
Acq: 22 Apr 2021 16:02

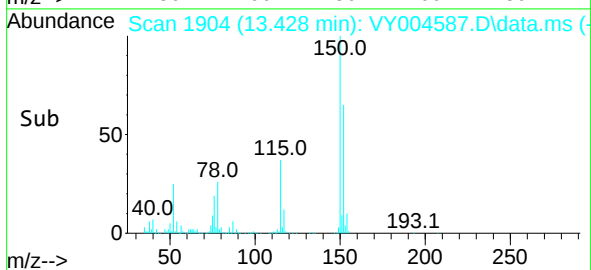
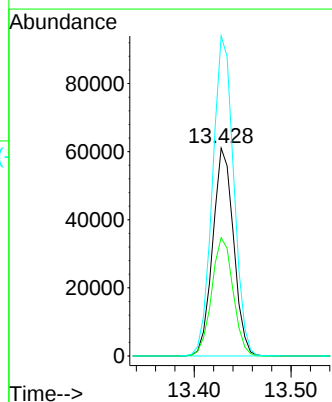
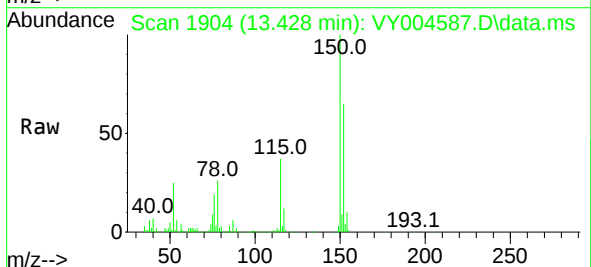
Instrument :
MSVOA_Y
ClientSampled :

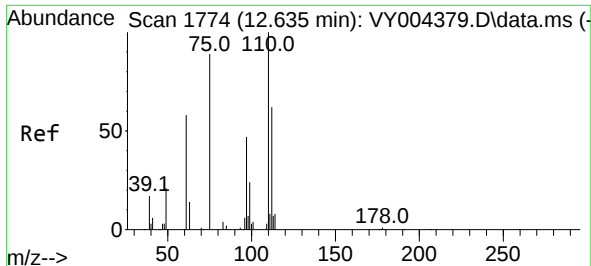
Tgt Ion:117 Resp: 205419
Ion Ratio Lower Upper
117 100
82 55.4 44.9 67.3
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004587.D
Acq: 22 Apr 2021 16:02

Tgt Ion:152 Resp: 91156
Ion Ratio Lower Upper
152 100
115 58.4 29.6 88.8
150 156.7 0.0 348.4

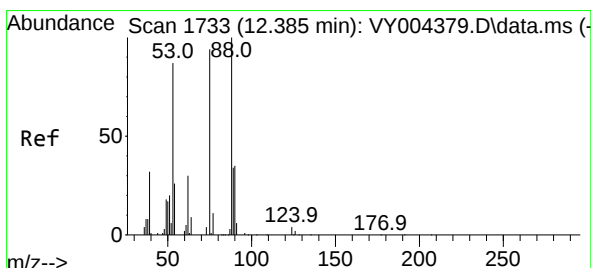
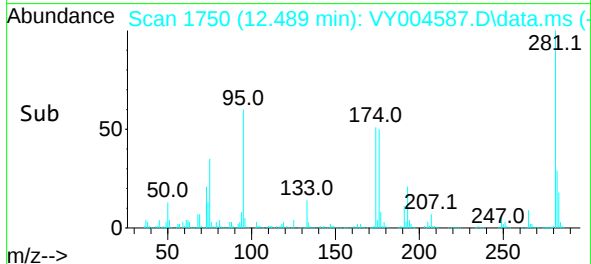
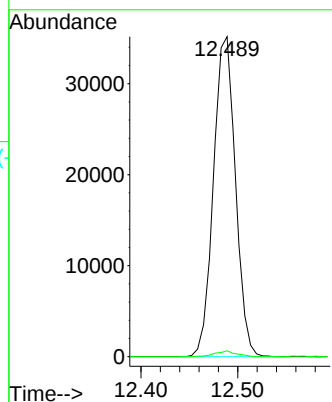
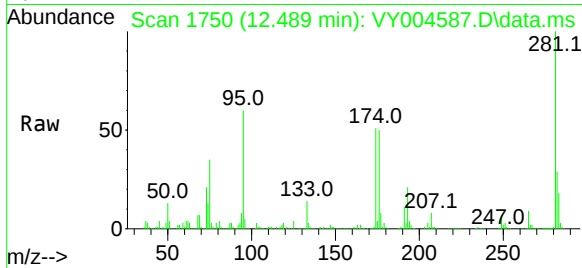




#76
1,2,3-Trichloropropane
Concen: 56.74 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY004587.D
Acq: 22 Apr 2021 16:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 55508
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.50 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY004587.D
Acq: 22 Apr 2021 16:02

Tgt Ion: 75 Resp: 55508
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 2.3 36.1 54.1#

