

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031921\
 Data File : VY004137.D
 Acq On : 19 Mar 2021 14:25
 Operator : SY/MD
 Sample : M1723-01RE
 Misc : 5.56g/5mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 24055RE

Quant Time: Mar 20 03:14:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

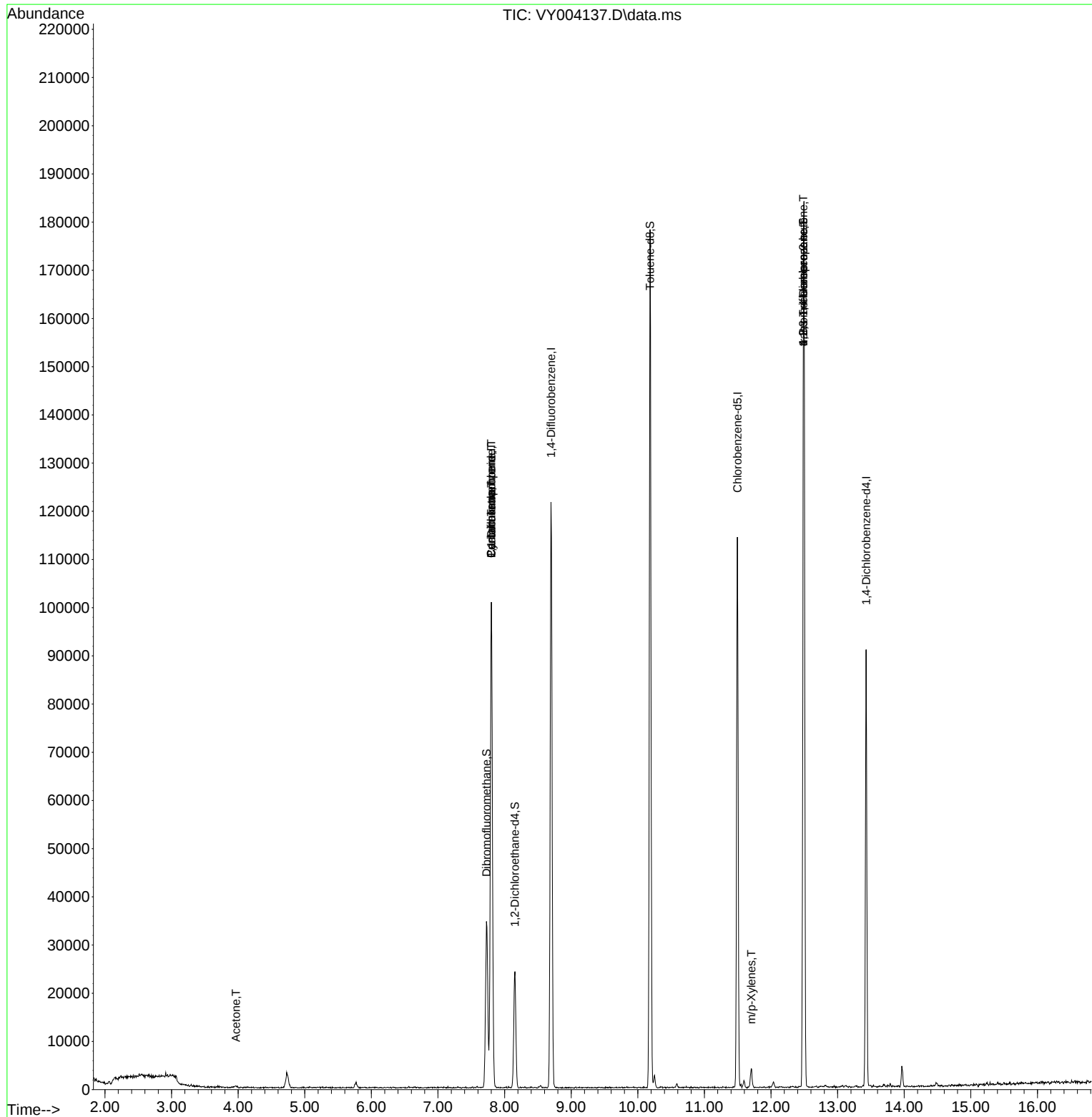
Internal Standards						
1) Pentafluorobenzene	7.801	168	78571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	104541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	61688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	22104	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	18323	23.63	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	47.26%	#	
35) Dibromofluoromethane	7.728	113	24417	41.42	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	82.84%		
50) Toluene-d8	10.185	98	113317	49.03	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.06%		
62) 4-Bromofluorobenzene	12.483	95	22799	26.71	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	53.42%		
Target Compounds						
3) Chloromethane	2.119	50	173	Below Cal	#	87
16) Acetone	3.967	43	732	3.91	ug/l	93
20) Methylene Chloride	4.729	84	2091	Below Cal	#	78
31) Cyclohexane	7.801	56	1704	1.25	ug/l	# 1
36) 1,1-Dichloropropene	7.801	75	5536	6.03	ug/l	# 52
38) Carbon Tetrachloride	7.801	117	7791	8.00	ug/l	# 16
68) m/p-Xylenes	11.703	106	1396	1.69	ug/l	88
76) 1,2,3-Trichloropropane	12.483	75	13494	63.67	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	13494	125.65	ug/l	# 14

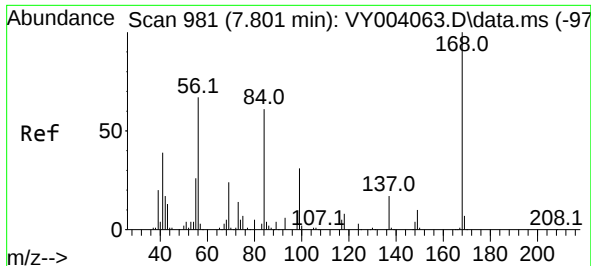
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :
24055RE

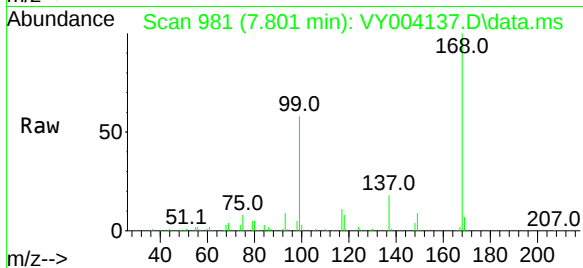
Quant Time: Mar 20 03:14:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
Response via : Initial Calibration



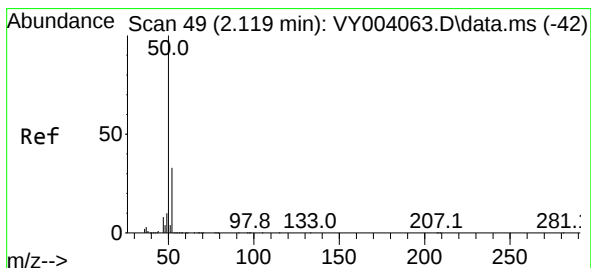
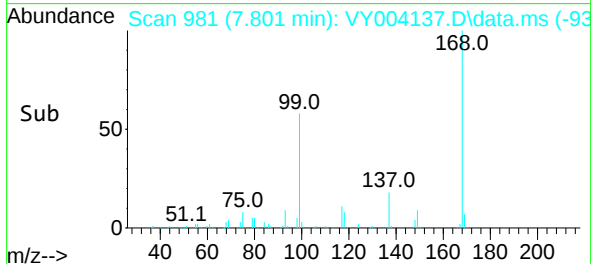
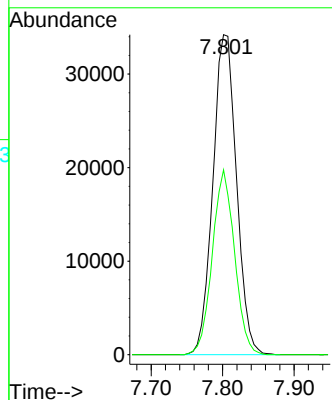


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004137.D
Acq: 19 Mar 2021 14:25

Instrument :
MSVOA_Y
ClientSampleId :
24055RE

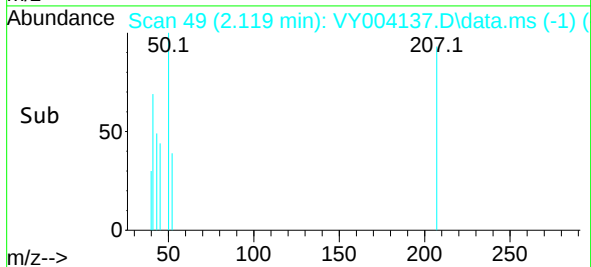
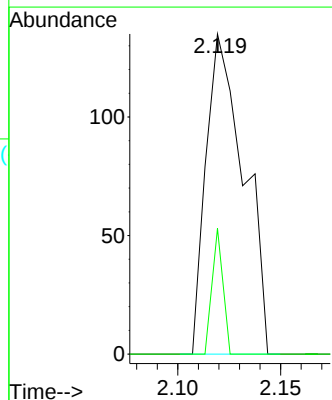
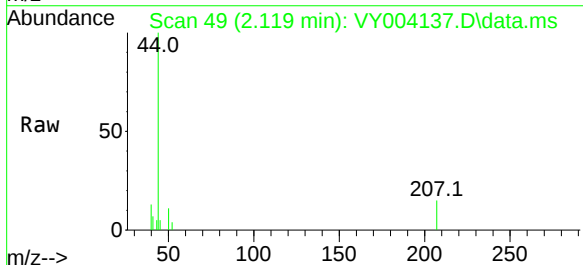


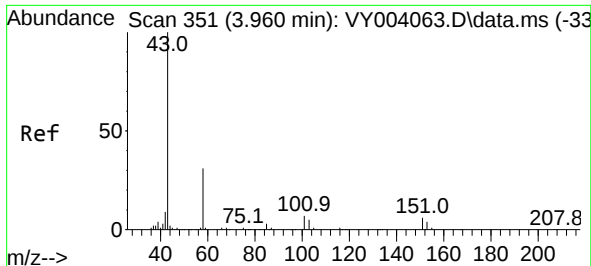
Tgt Ion:168 Resp: 78571
Ion Ratio Lower Upper
168 100
99 57.7 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004137.D
Acq: 19 Mar 2021 14:25

Tgt Ion: 50 Resp: 173
Ion Ratio Lower Upper
50 100
52 39.3 25.4 38.2#

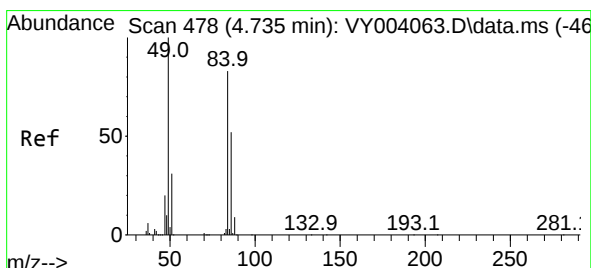
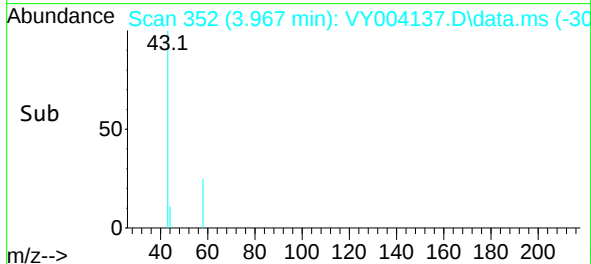
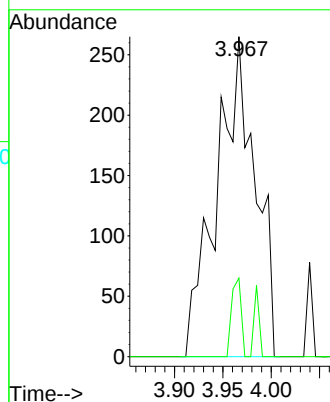
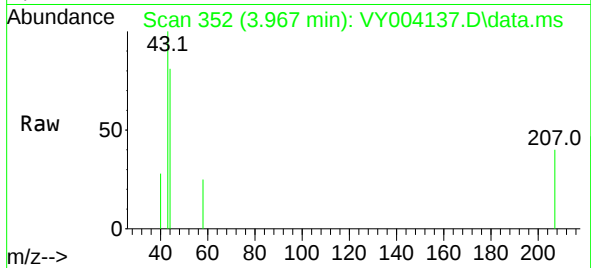




#16
Acetone
Concen: 3.91 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.007 min
Lab File: VY004137.D
Acq: 19 Mar 2021 14:25

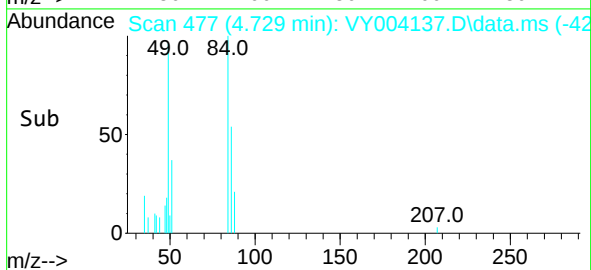
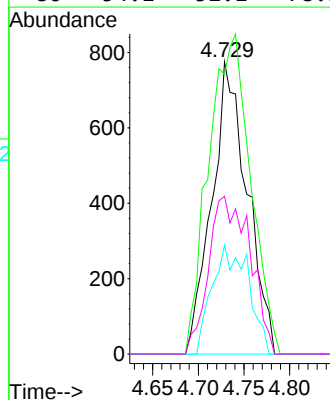
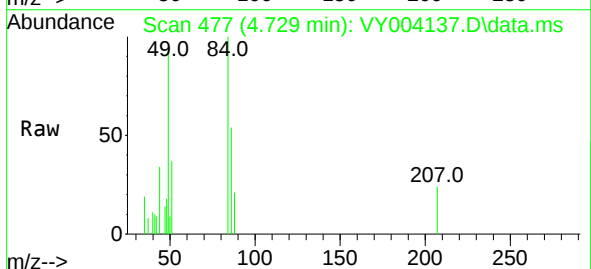
Instrument :
MSVOA_Y
ClientSampled :
24055RE

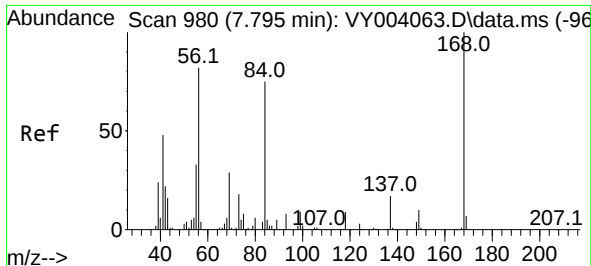
Tgt Ion: 43 Resp: 732
Ion Ratio Lower Upper
43 100
58 24.5 22.6 34.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004137.D
Acq: 19 Mar 2021 14:25

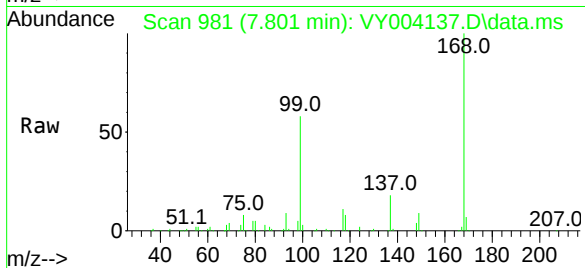
Tgt Ion: 84 Resp: 2091
Ion Ratio Lower Upper
84 100
49 95.7 105.8 158.6#
51 37.4 32.6 48.8
86 54.1 52.1 78.1



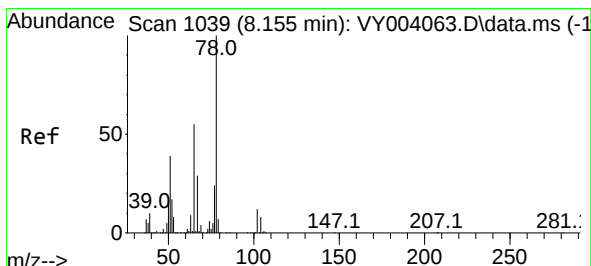
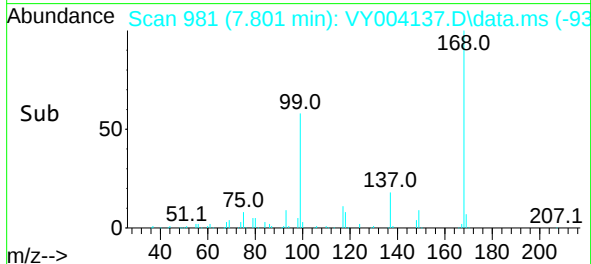
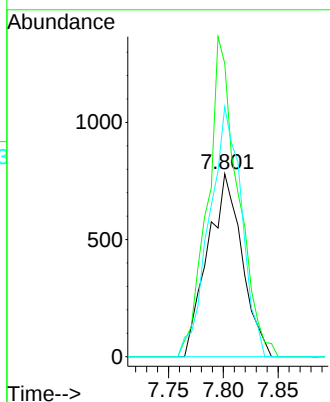


#31
Cyclohexane
Concen: 1.25 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004137.D
Acq: 19 Mar 2021 14:25

Instrument :
MSVOA_Y
ClientSampled :
24055RE

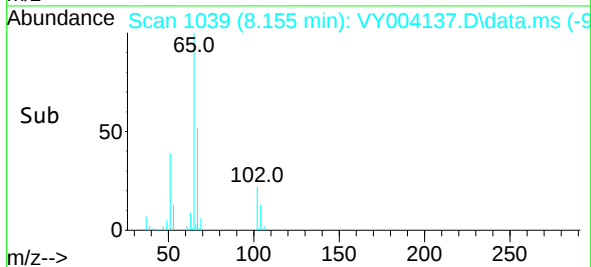
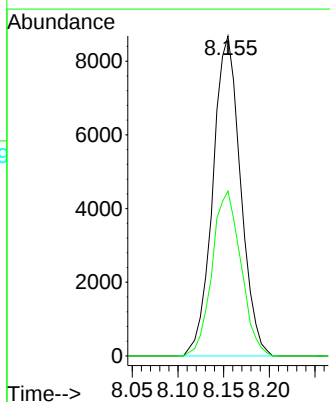
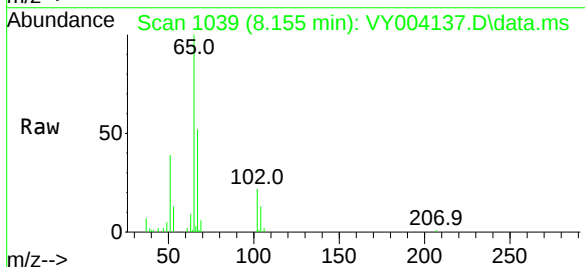


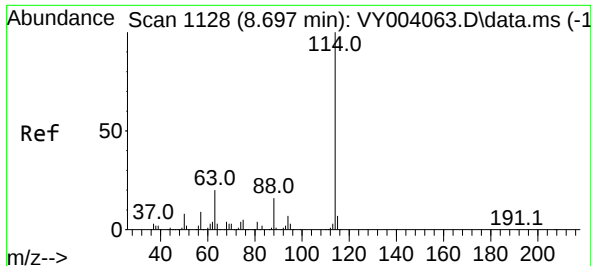
Tgt Ion: 56 Resp: 1704
Ion Ratio Lower Upper
56 100
69 160.2 25.3 37.9#
84 136.6 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 23.63 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004137.D
Acq: 19 Mar 2021 14:25

Tgt Ion: 65 Resp: 18323
Ion Ratio Lower Upper
65 100
67 53.4 0.0 101.4

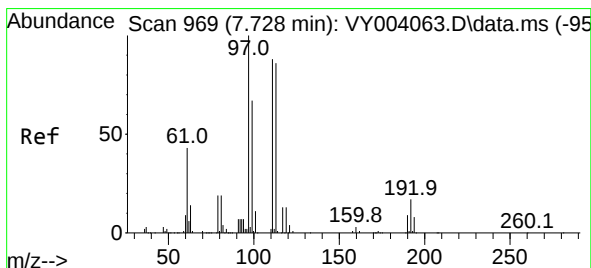
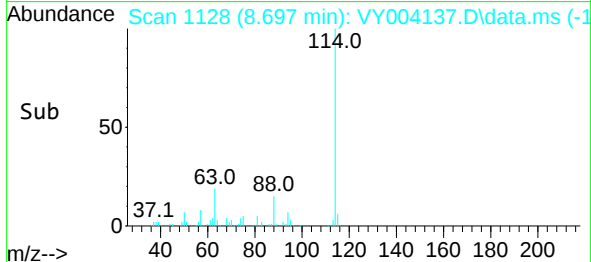
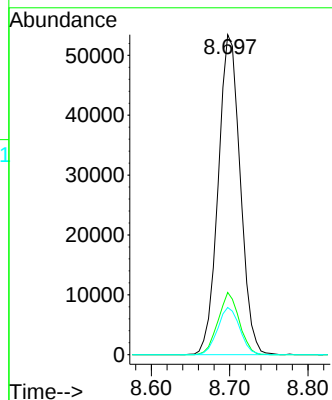
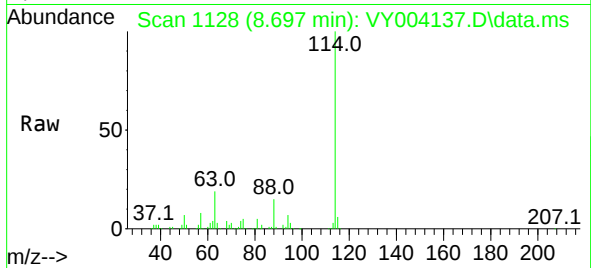




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004137.D
Acq: 19 Mar 2021 14:25

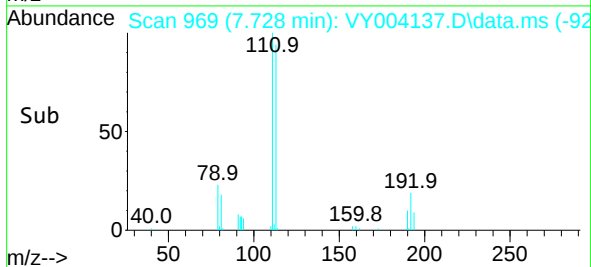
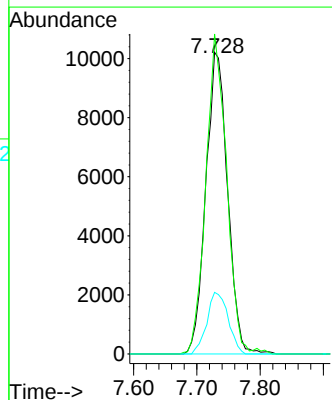
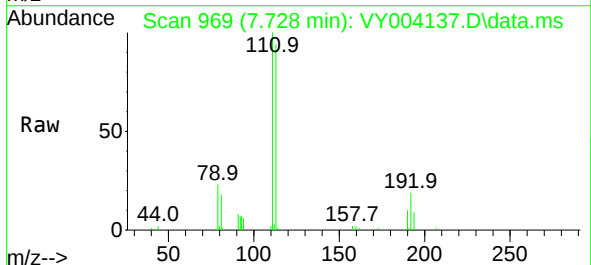
Instrument :
MSVOA_Y
ClientSampleId :
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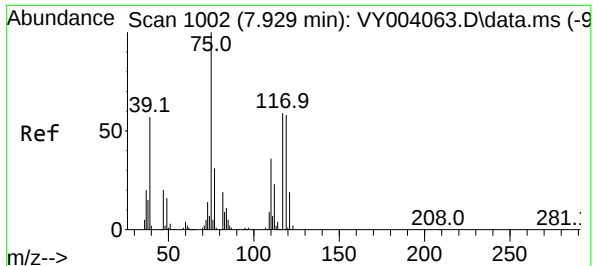
Tgt Ion:114	Resp:	104541
Ion Ratio	Lower	Upper
114	100	
63	19.4	0.0 41.6
88	14.8	0.0 31.4



#35
Dibromofluoromethane
Concen: 41.42 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004137.D
Acq: 19 Mar 2021 14:25

Tgt Ion:113	Resp:	24417
Ion Ratio	Lower	Upper
113	100	
111	101.0	83.2 124.8
192	19.9	18.5 27.7

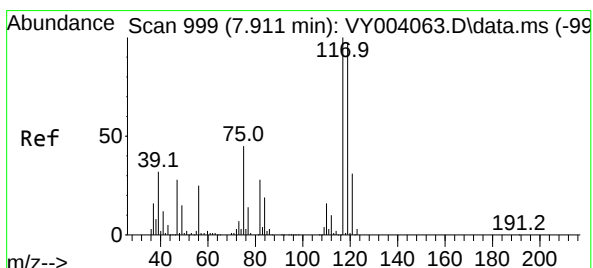
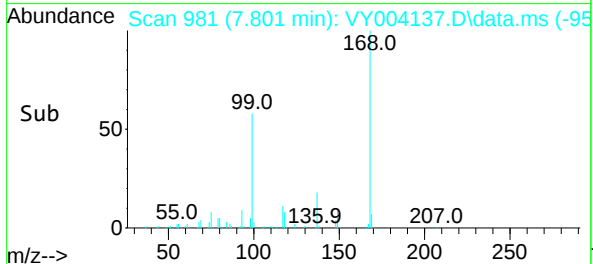
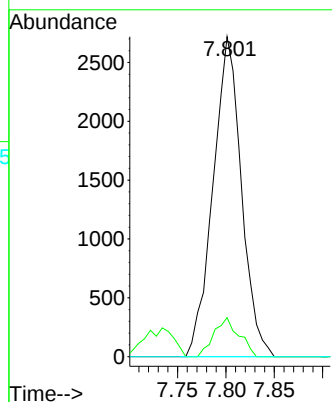
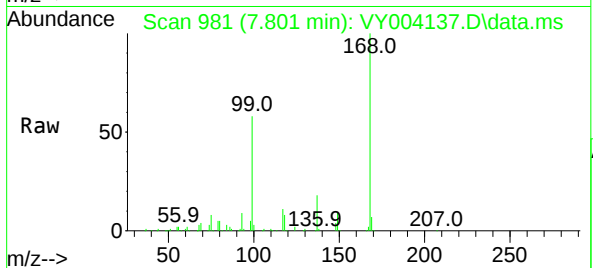




#36
1,1-Dichloropropene
Concen: 6.03 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004137.D
Acq: 19 Mar 2021 14:25

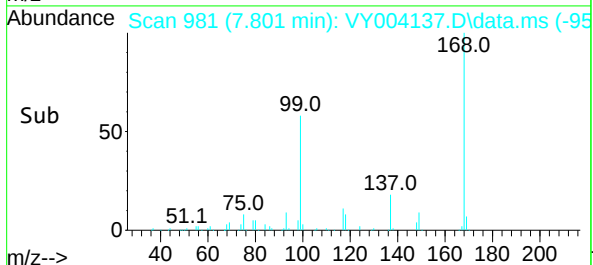
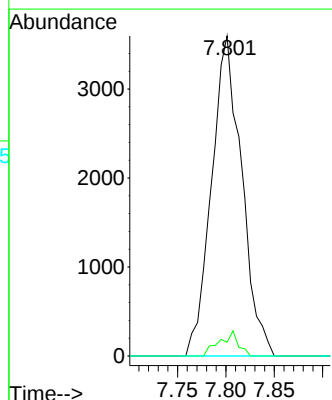
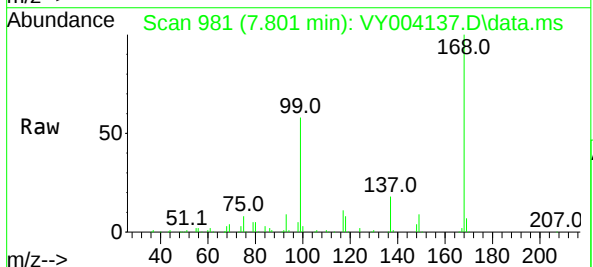
Instrument :
MSVOA_Y
ClientSampled :
24055RE

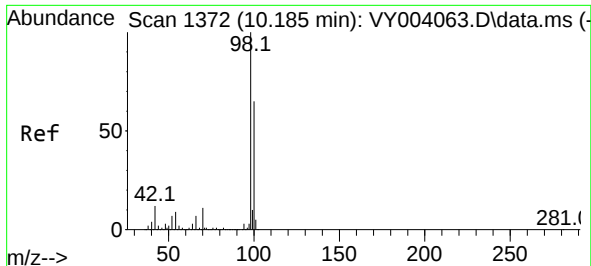
Tgt Ion: 75 Resp: 5536
Ion Ratio Lower Upper
75 100
110 10.7 17.4 52.3#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 8.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004137.D
Acq: 19 Mar 2021 14:25

Tgt Ion: 117 Resp: 7791
Ion Ratio Lower Upper
117 100
119 4.3 75.4 113.0#
121 0.0 24.2 36.2#

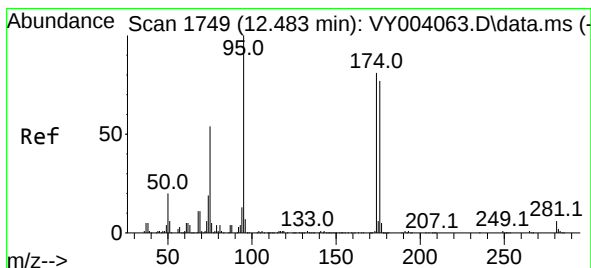
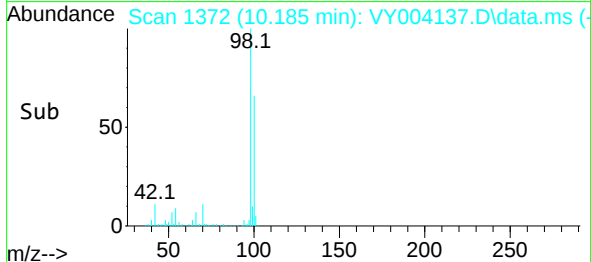
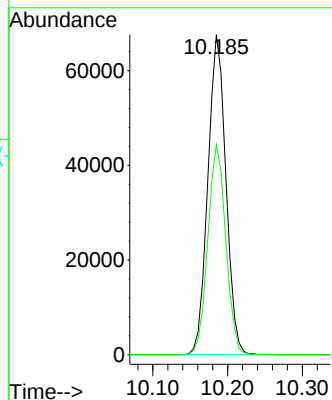
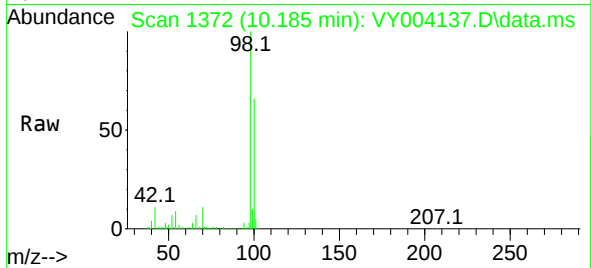




#50
Toluene-d8
Concen: 49.03 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004137.D
Acq: 19 Mar 2021 14:25

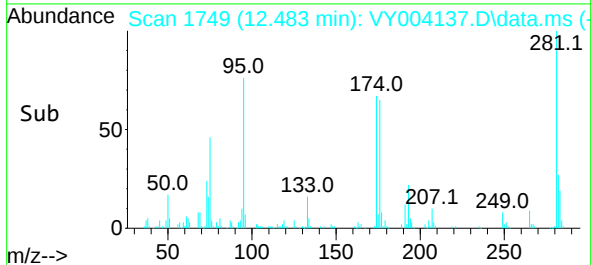
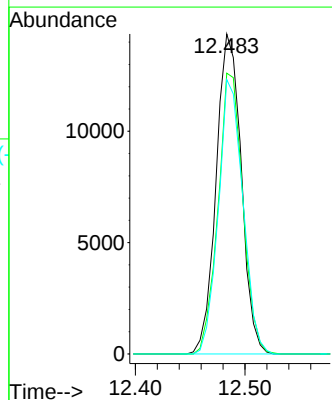
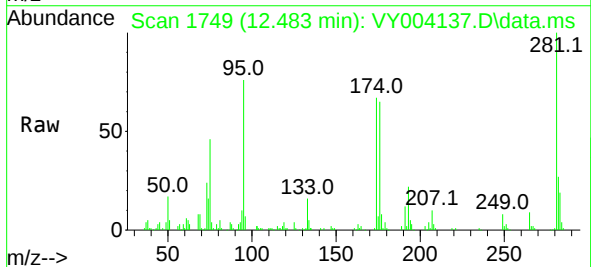
Instrument :
MSVOA_Y
ClientSampleId :
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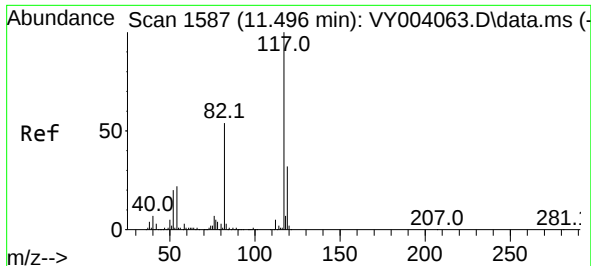
Tgt Ion: 98 Resp: 113317
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 26.71 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004137.D
Acq: 19 Mar 2021 14:25

Tgt Ion: 95 Resp: 22799
Ion Ratio Lower Upper
95 100
174 86.7 0.0 179.0
176 83.8 0.0 174.4

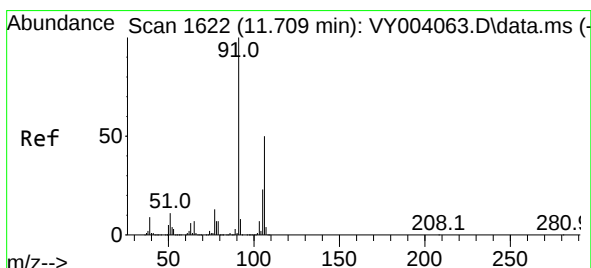
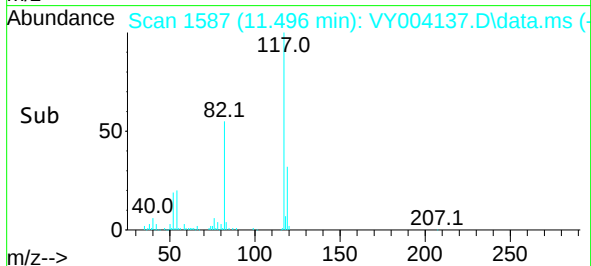
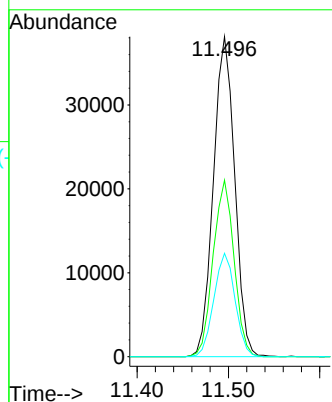
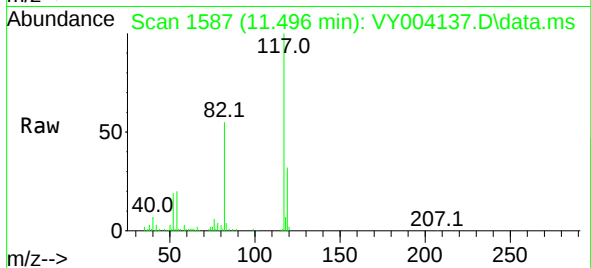




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004137.D
Acq: 19 Mar 2021 14:25

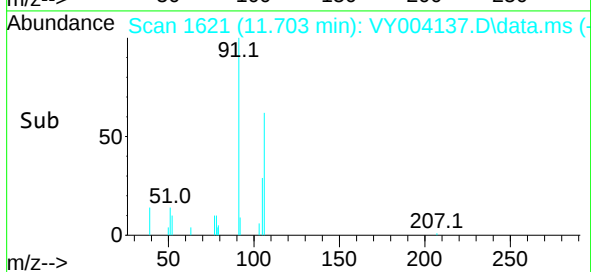
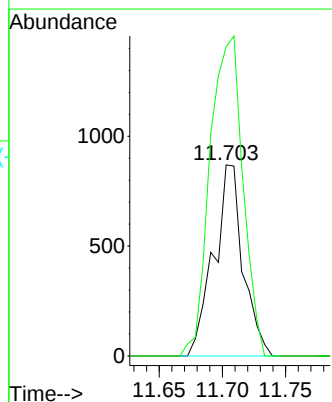
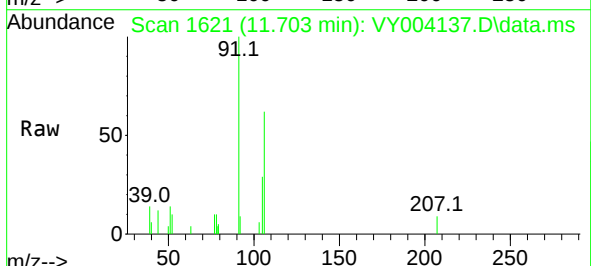
Instrument :
MSVOA_Y
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24055RE

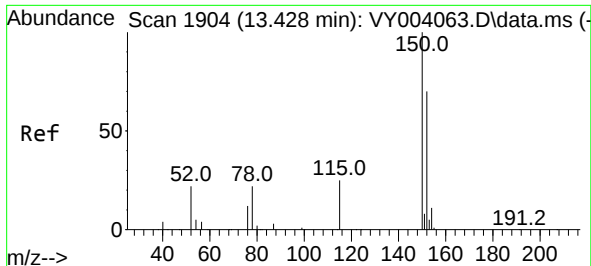
Tgt Ion:117 Resp: 61688
Ion Ratio Lower Upper
117 100
82 55.2 43.8 65.6
119 32.3 26.2 39.2



#68
m/p-Xylenes
Concen: 1.69 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY004137.D
Acq: 19 Mar 2021 14:25

Tgt Ion:106 Resp: 1396
Ion Ratio Lower Upper
106 100
91 188.4 165.4 248.0

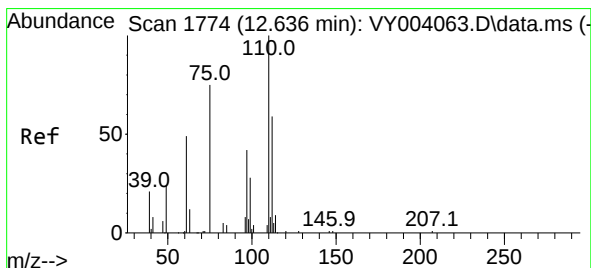
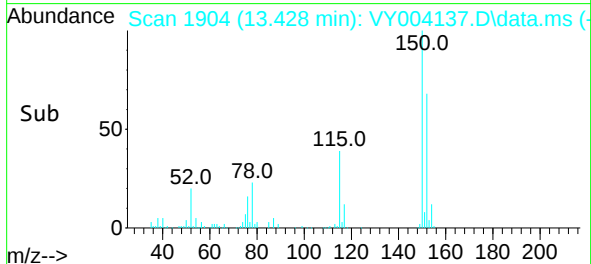
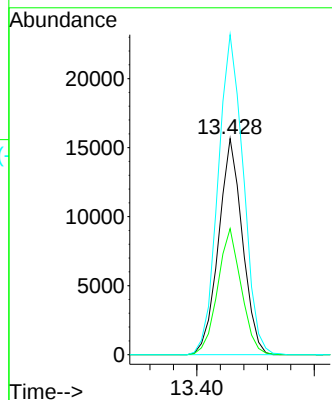
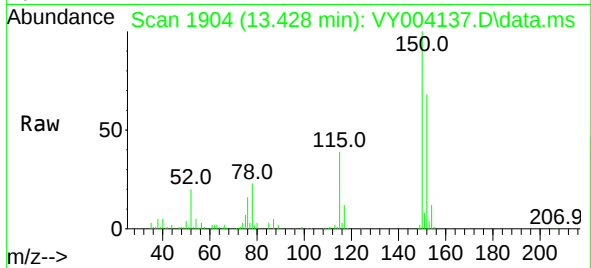




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004137.D
 Acq: 19 Mar 2021 14:25

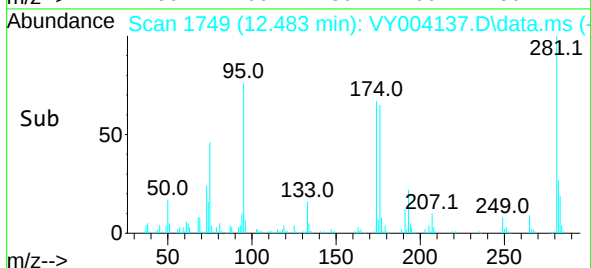
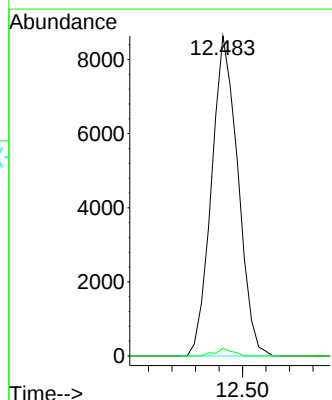
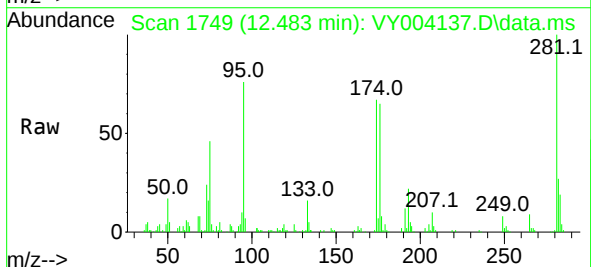
Instrument :
 MSVOA_Y
 ClientSampleId :
 24055RE

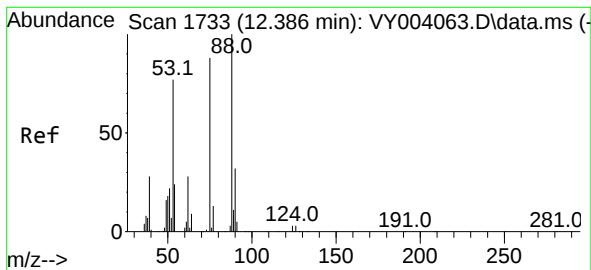
Tgt Ion:152 Resp: 22104
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.2 84.6
 150 156.9 0.0 347.2



#76
 1,2,3-Trichloropropane
 Concen: 63.67 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004137.D
 Acq: 19 Mar 2021 14:25

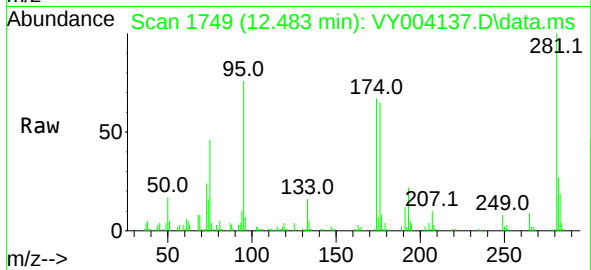
Tgt Ion: 75 Resp: 13494
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.65 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.097 min
 Lab File: VY004137.D
 Acq: 19 Mar 2021 14:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 24055RE



Tgt Ion:	75	Resp:	13494
Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.5	110.3#
89	3.3	35.7	53.5#

