

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy062921\
 Data File : VY005279.D
 Acq On : 29 Jun 2021 16:41
 Operator : SY/MD
 Sample : M2864-01
 Misc : 6.22G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-206

Quant Time: Jun 30 04:00:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

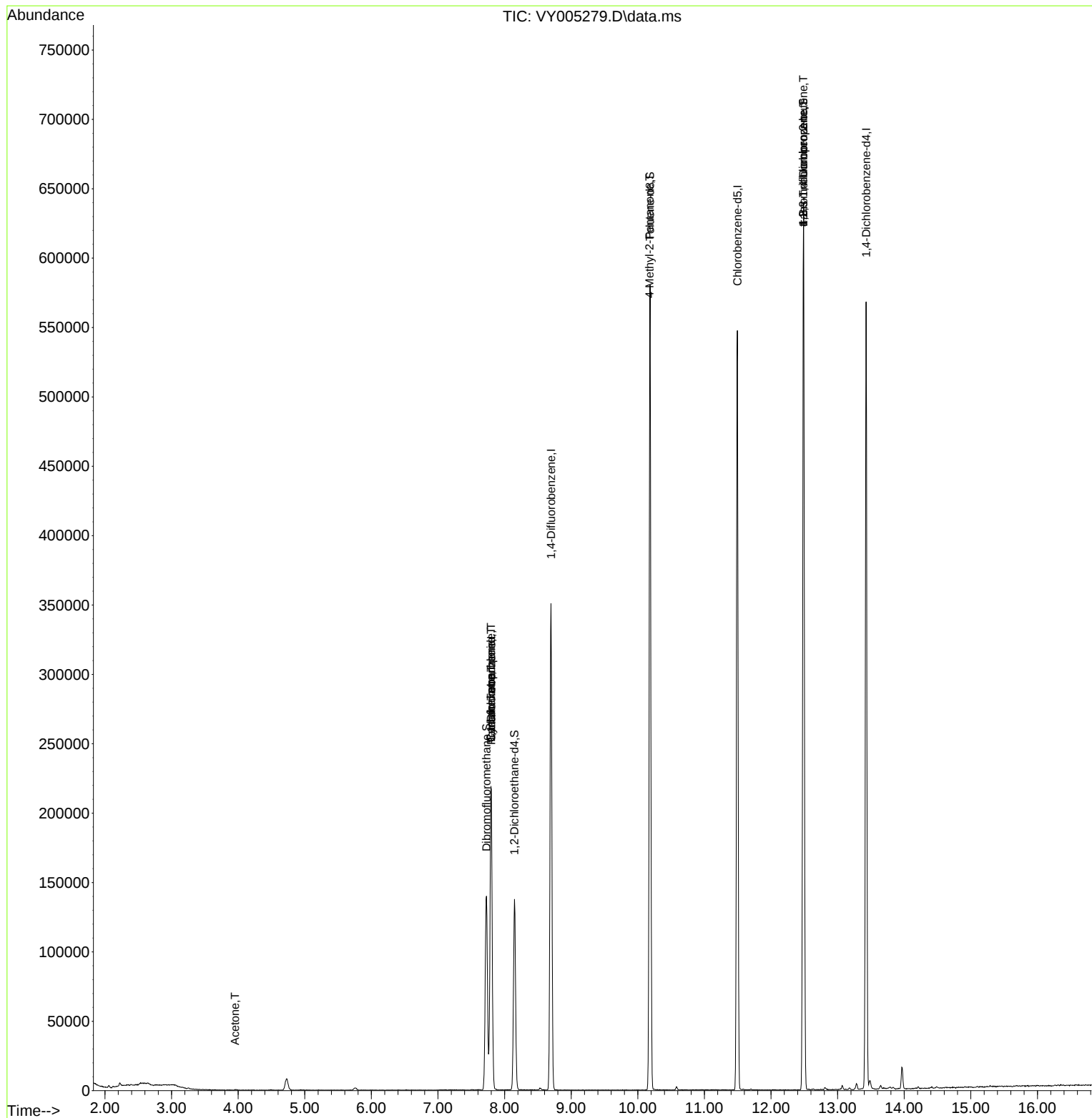
Internal Standards						
1) Pentafluorobenzene	7.801	168	192305	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	313120	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	316126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	157472	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	106111	66.49	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.98%
35) Dibromofluoromethane	7.728	113	100343	54.34	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.68%
50) Toluene-d8	10.185	98	385237	52.17	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.34%
62) 4-Bromofluorobenzene	12.483	95	133109	54.09	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.18%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	361	Below Cal	#	77
16) Acetone	3.954	43	610	1.65	ug/l	99
20) Methylene Chloride	4.722	84	6793	Below Cal		91
31) Cyclohexane	7.795	56	2949	1.04	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	11619	4.21	ug/l #	48
38) Carbon Tetrachloride	7.795	117	15901	5.51	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	1394	1.02	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	66295	47.47	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	66295	88.57	ug/l #	17

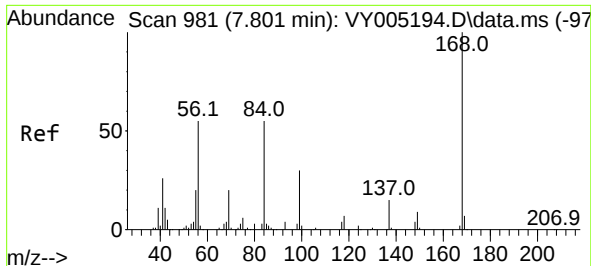
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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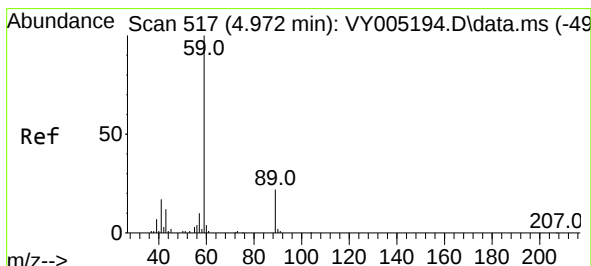
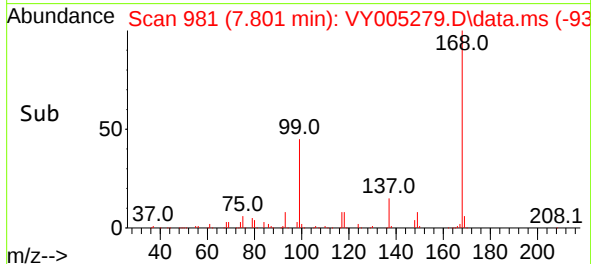
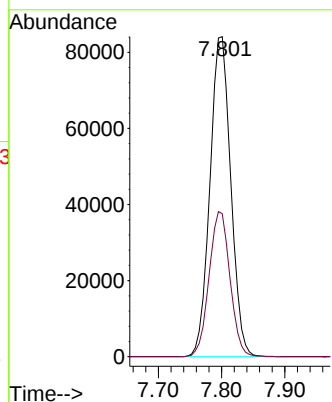
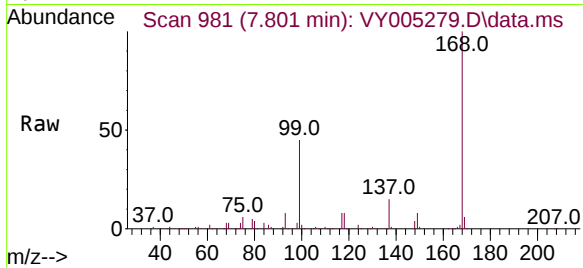




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005279.D
Acq: 29 Jun 2021 16:41

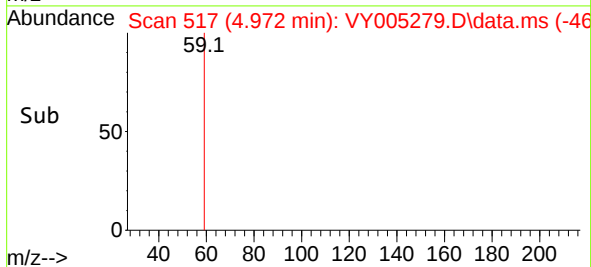
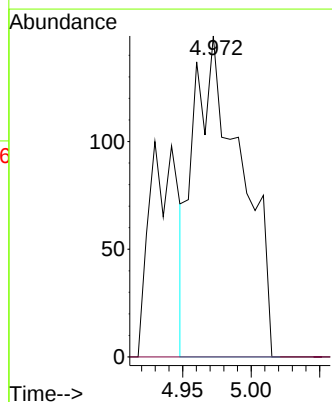
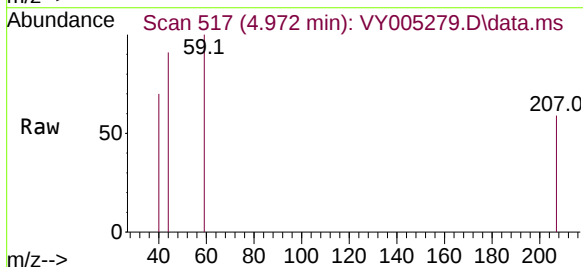
Instrument :
MSVOA_Y
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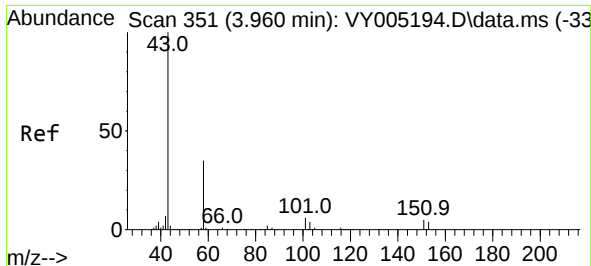
Tgt Ion:168 Resp: 192305
Ion Ratio Lower Upper
168 100
99 44.7 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY005279.D
Acq: 29 Jun 2021 16:41

Tgt Ion: 59 Resp: 361
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

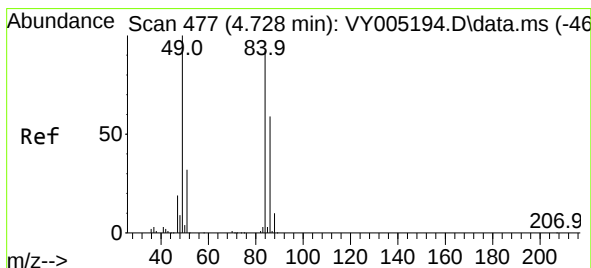
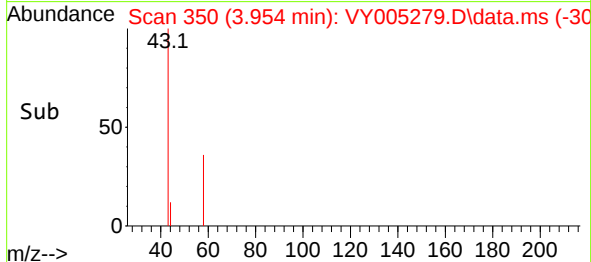
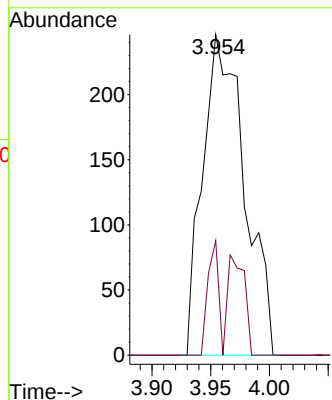
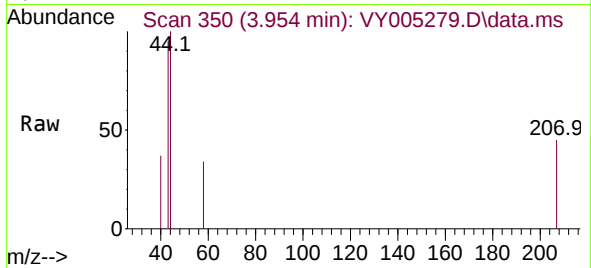




#16
Acetone
Concen: 1.65 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005279.D
Acq: 29 Jun 2021 16:41

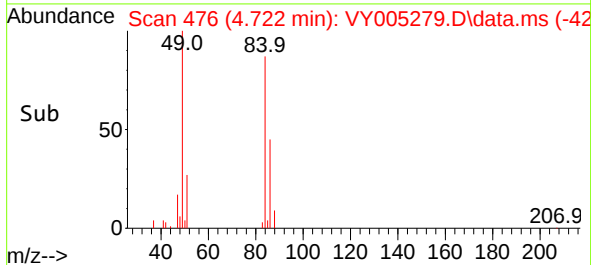
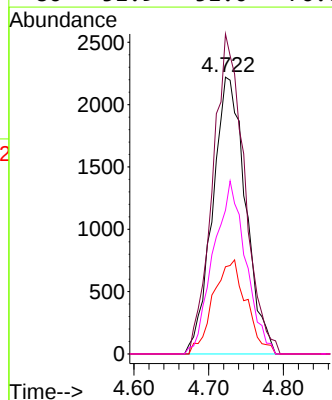
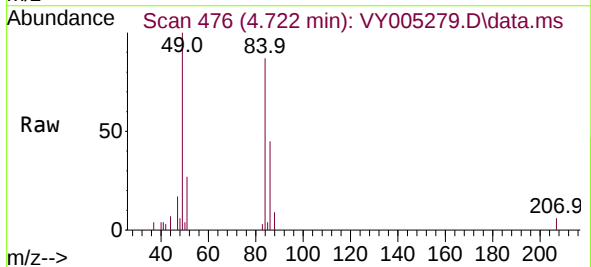
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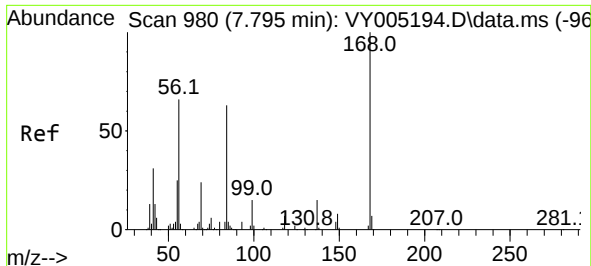
Tgt Ion: 43 Resp: 610
Ion Ratio Lower Upper
43 100
58 35.8 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005279.D
Acq: 29 Jun 2021 16:41

Tgt Ion: 84 Resp: 6793
Ion Ratio Lower Upper
84 100
49 115.6 86.9 130.3
51 31.5 27.4 41.2
86 51.9 51.0 76.6

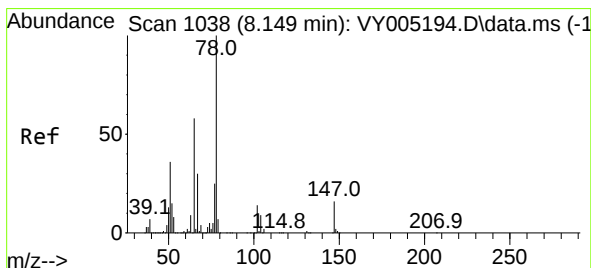
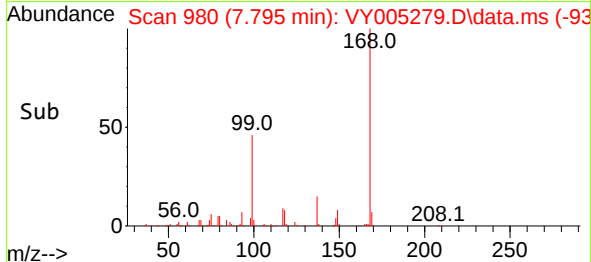
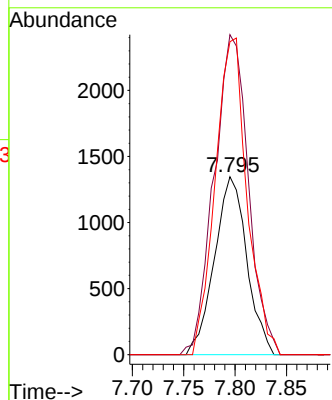
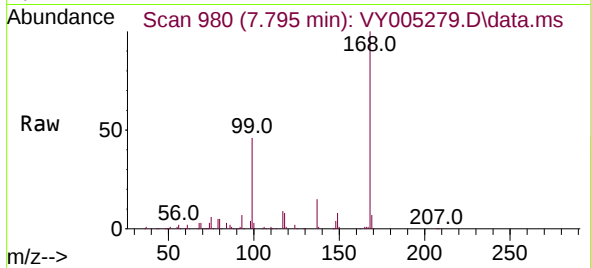




#31
Cyclohexane
Concen: 1.04 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005279.D
Acq: 29 Jun 2021 16:41

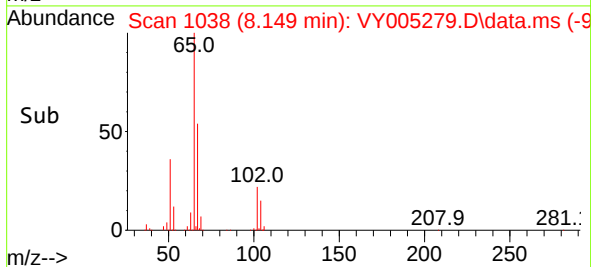
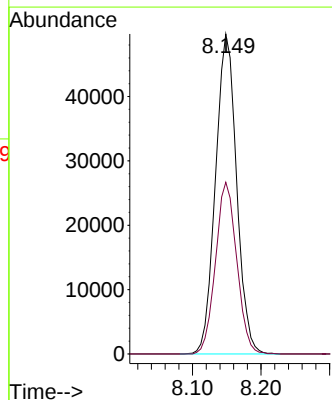
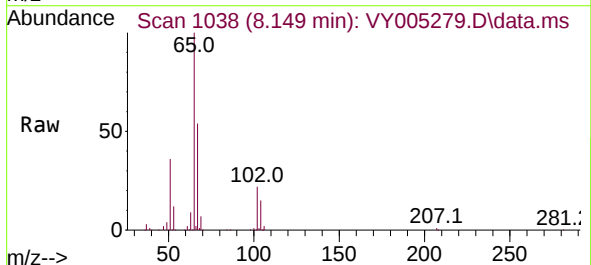
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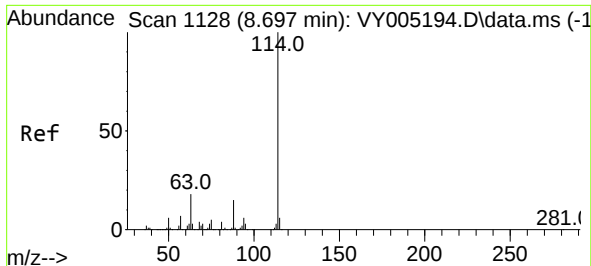
Tgt Ion: 56 Resp: 2949
Ion Ratio Lower Upper
56 100
69 179.9 29.6 44.4#
84 176.0 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 66.49 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005279.D
Acq: 29 Jun 2021 16:41

Tgt Ion: 65 Resp: 106111
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.6

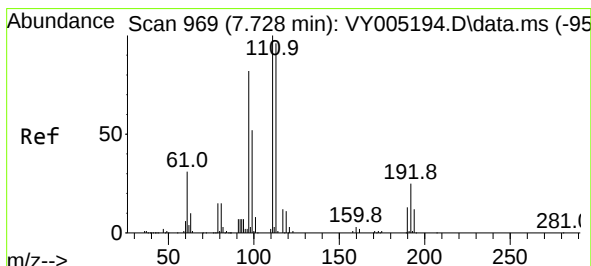
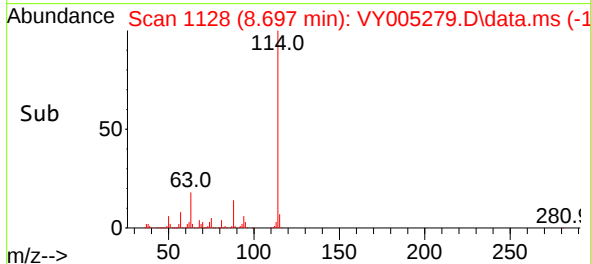
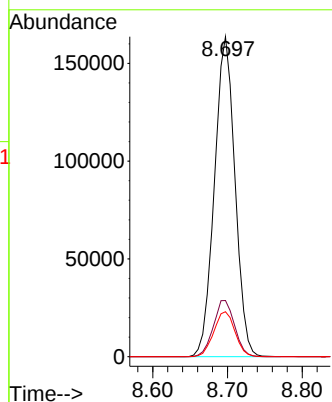
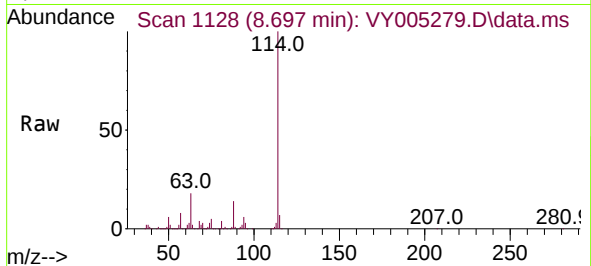




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005279.D
Acq: 29 Jun 2021 16:41

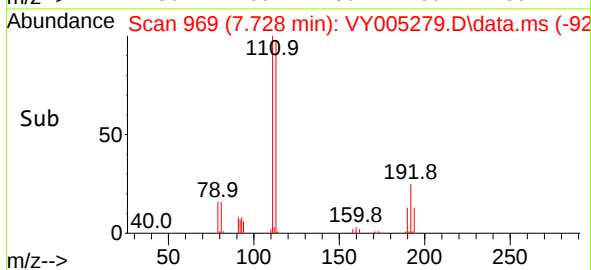
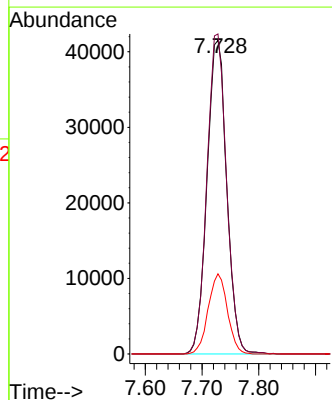
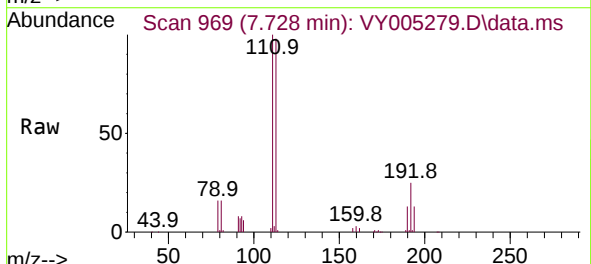
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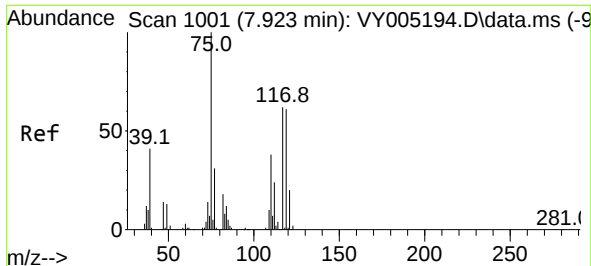
Tgt Ion:114	Resp:	313120
Ion Ratio	Lower	Upper
114	100	
63	17.6	0.0 35.2
88	14.0	0.0 29.4



#35
Dibromofluoromethane
Concen: 54.34 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005279.D
Acq: 29 Jun 2021 16:41

Tgt Ion:113	Resp:	100343
Ion Ratio	Lower	Upper
113	100	
111	101.4	82.6 124.0
192	24.8	20.2 30.2

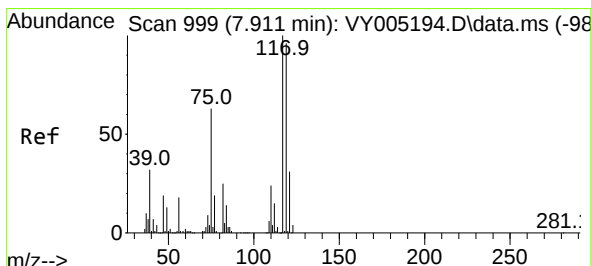
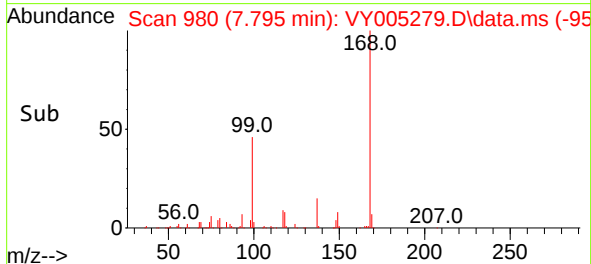
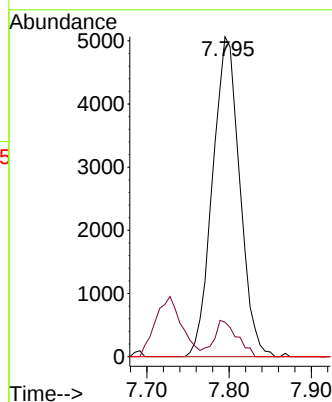
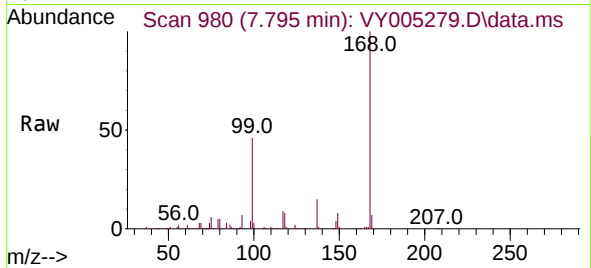




#36
1,1-Dichloropropene
Concen: 4.21 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005279.D
Acq: 29 Jun 2021 16:41

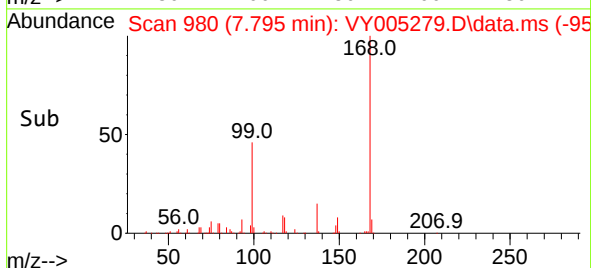
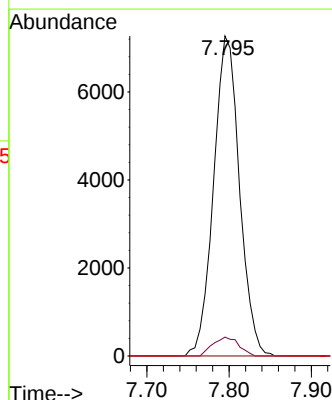
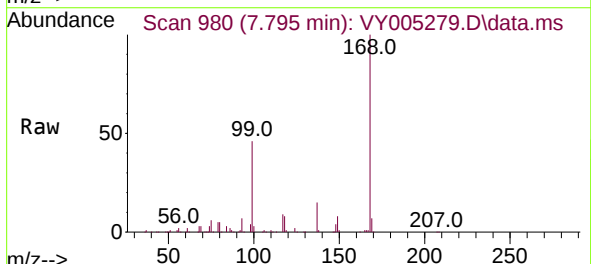
Instrument :
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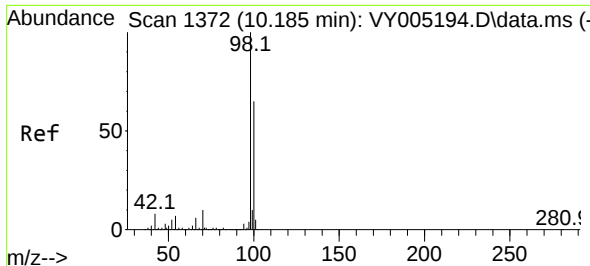
Tgt Ion: 75 Resp: 11619
Ion Ratio Lower Upper
75 100
110 9.7 19.1 57.5#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.51 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005279.D
Acq: 29 Jun 2021 16:41

Tgt Ion: 117 Resp: 15901
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.4#
121 0.0 24.7 37.1#

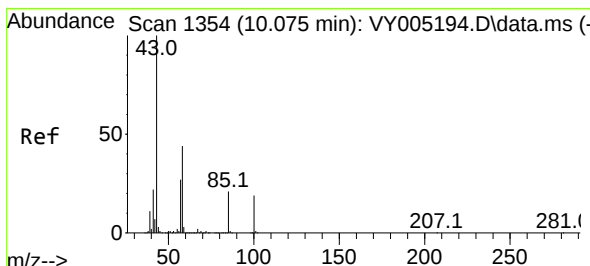
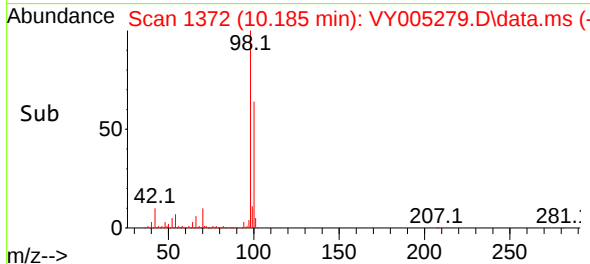
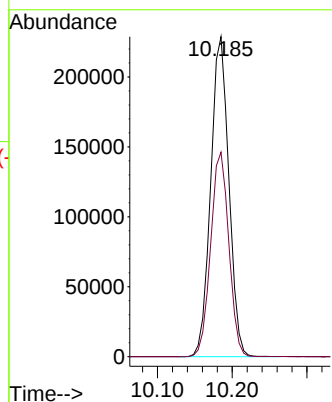
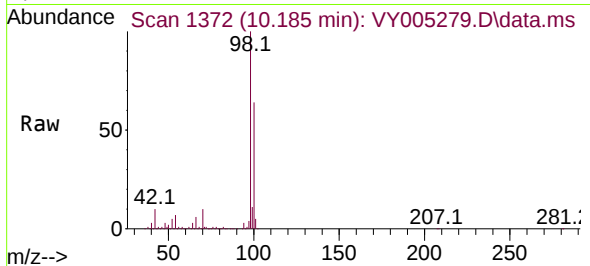




#50
Toluene-d8
Concen: 52.17 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005279.D
Acq: 29 Jun 2021 16:41

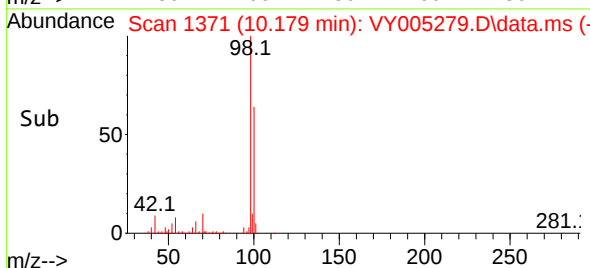
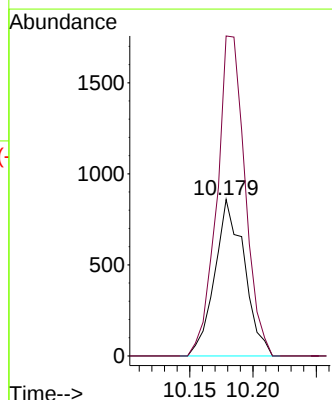
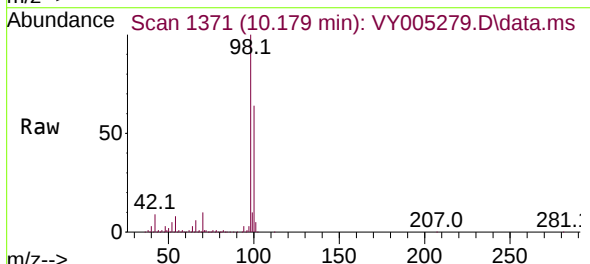
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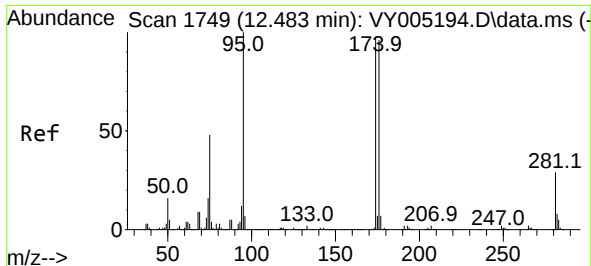
Tgt Ion: 98 Resp: 385237
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.02 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY005279.D
Acq: 29 Jun 2021 16:41

Tgt Ion: 43 Resp: 1394
Ion Ratio Lower Upper
43 100
58 194.7 35.3 52.9#

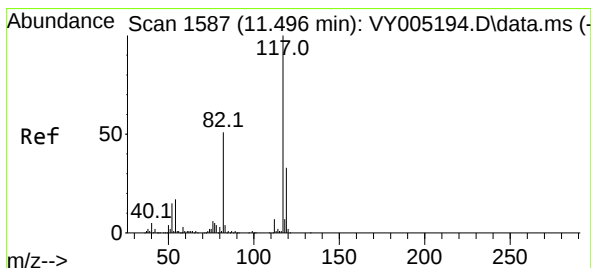
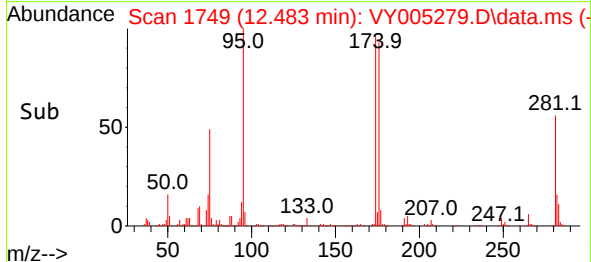
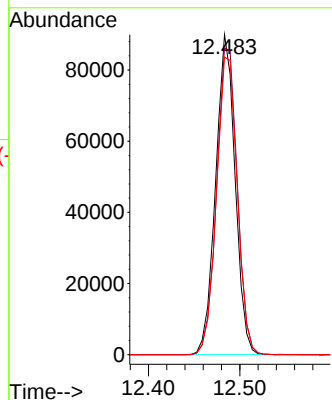
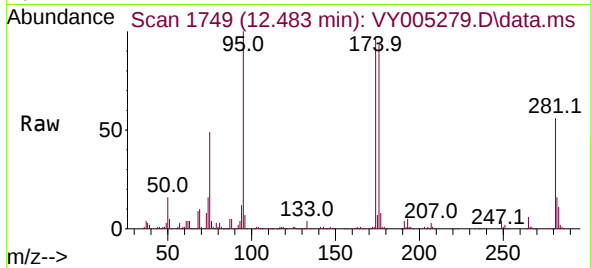




#62
4-Bromofluorobenzene
Concen: 54.09 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005279.D
Acq: 29 Jun 2021 16:41

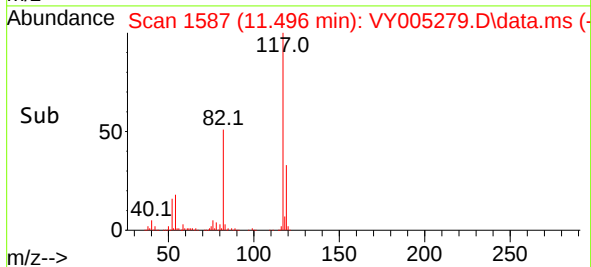
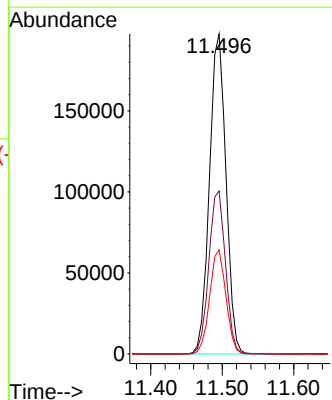
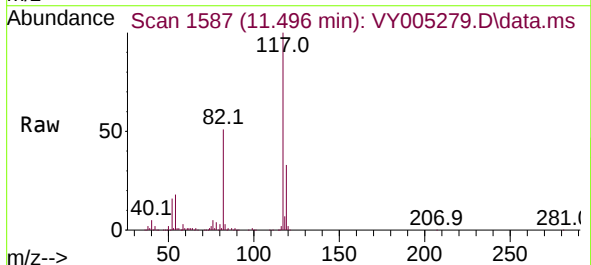
Instrument :
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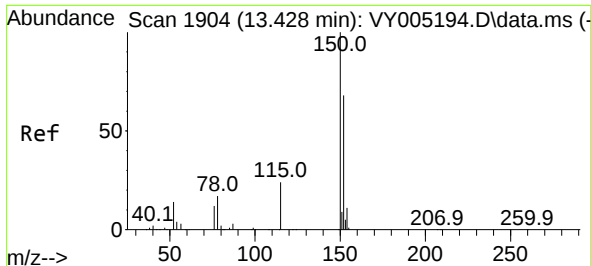
Tgt Ion: 95 Resp: 133109
Ion Ratio Lower Upper
95 100
174 101.7 0.0 201.6
176 99.0 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005279.D
Acq: 29 Jun 2021 16:41

Tgt Ion: 117 Resp: 316126
Ion Ratio Lower Upper
117 100
82 51.0 40.6 60.8
119 32.5 26.1 39.1

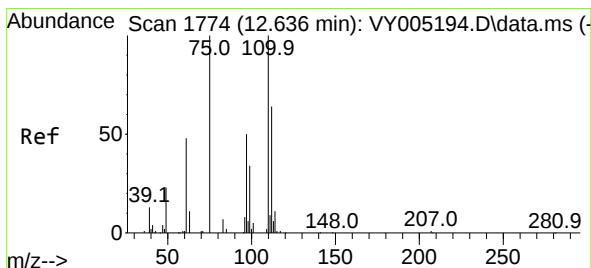
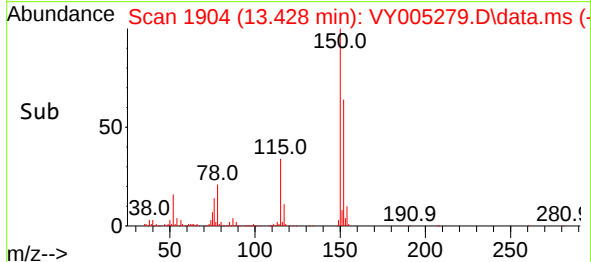
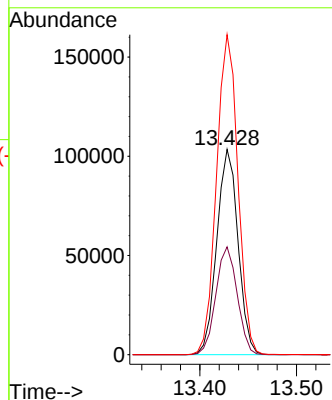
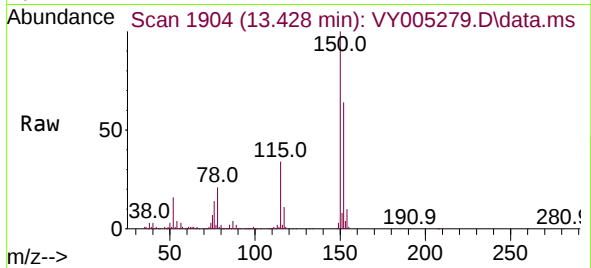




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005279.D
 Acq: 29 Jun 2021 16:41

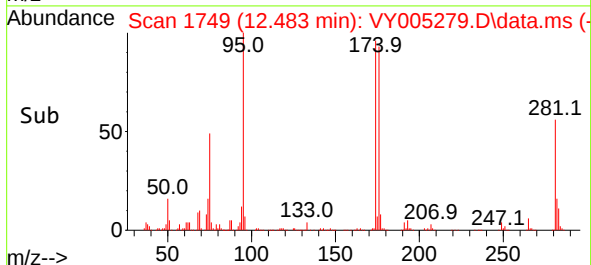
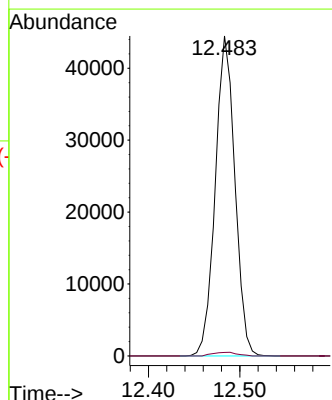
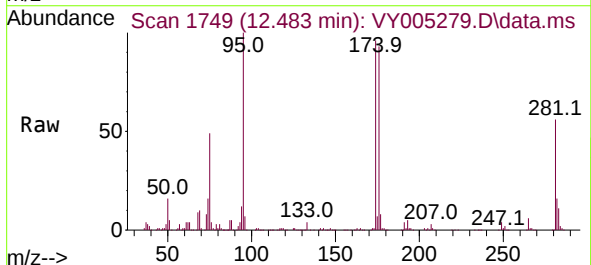
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-206

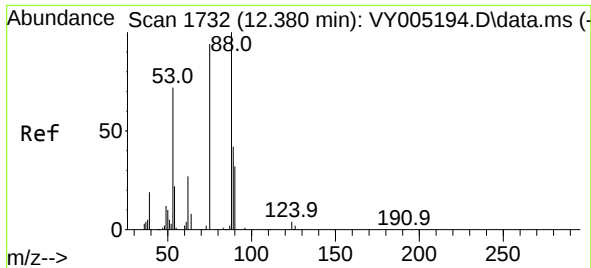
Tgt Ion:152 Resp: 157472
 Ion Ratio Lower Upper
 152 100
 115 52.8 26.3 78.8
 150 157.3 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 47.47 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005279.D
 Acq: 29 Jun 2021 16:41

Tgt Ion: 75 Resp: 66295
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.57 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005279.D
 Acq: 29 Jun 2021 16:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-206

Tgt Ion: 75 Resp: 66295
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 0.3 38.0 57.0#

