

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy062921\
 Data File : VY005272.D
 Acq On : 29 Jun 2021 13:59
 Operator : SY/MD
 Sample : M2884-01
 Misc : 5.86G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-062821

Quant Time: Jun 30 03:59:52 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)

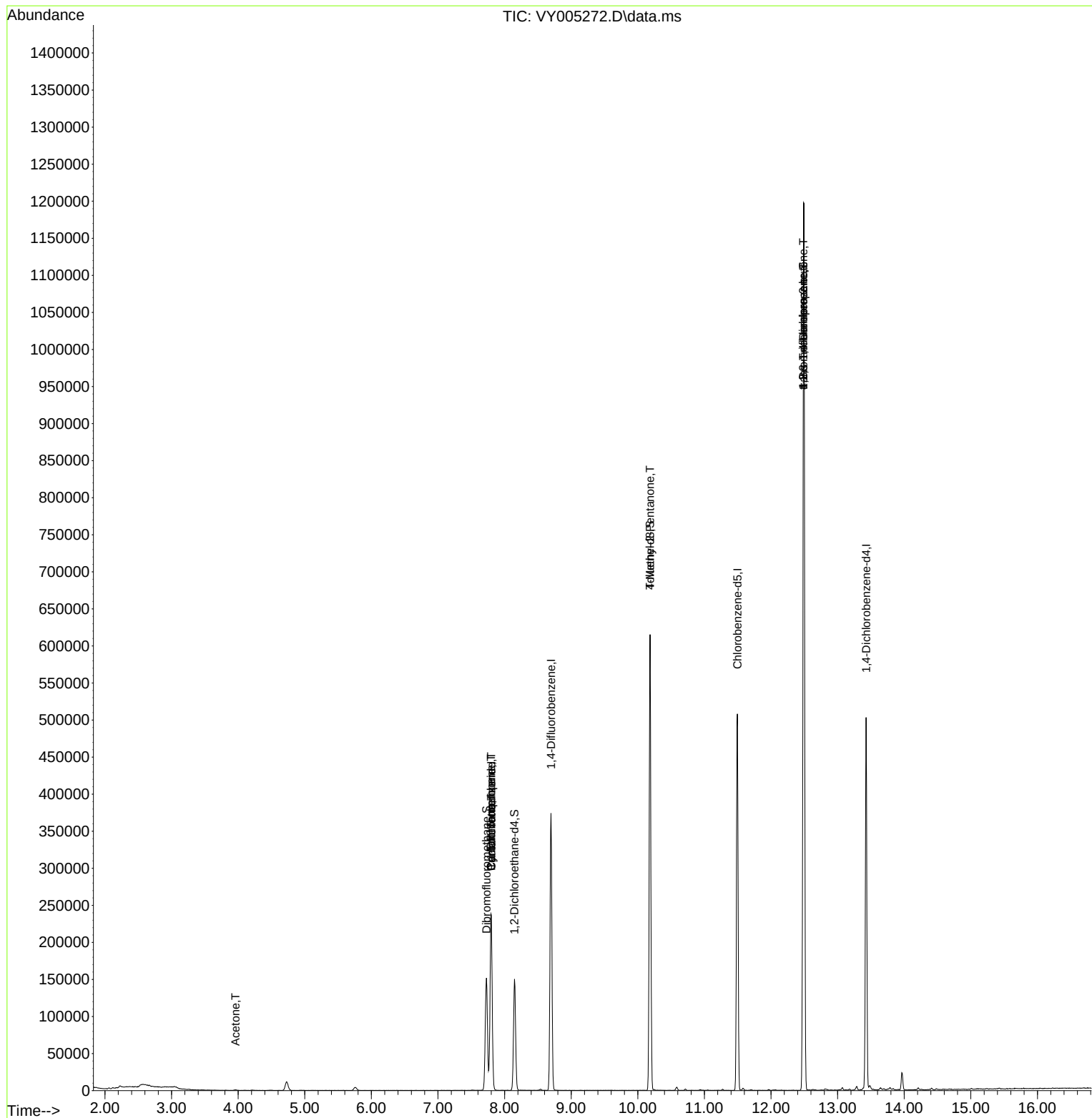
Internal Standards						
1) Pentafluorobenzene	7.801	168	205780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	331203	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	295850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133304	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	115972	67.91	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 135.82%			
35) Dibromofluoromethane	7.728	113	106473	54.51	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.02%			
50) Toluene-d8	10.185	98	403530	51.66	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.32%			
62) 4-Bromofluorobenzene	12.483	95	125086	48.06	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.12%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.972	59	271	Below Cal	#	77
16) Acetone	3.960	43	1264	3.20	ug/l #	85
20) Methylene Chloride	4.729	84	9107	Below Cal		92
31) Cyclohexane	7.801	56	3218	1.06	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13398	4.59	ug/l #	48
38) Carbon Tetrachloride	7.801	117	16971	5.56	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1463	1.01	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	66716	56.43	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	66716	105.29	ug/l #	19

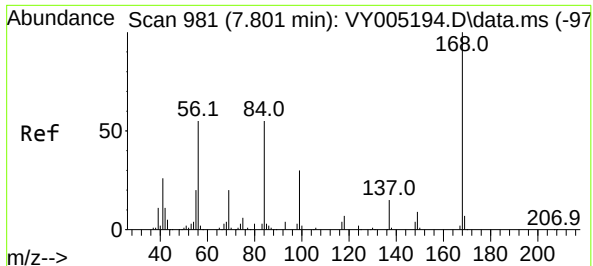
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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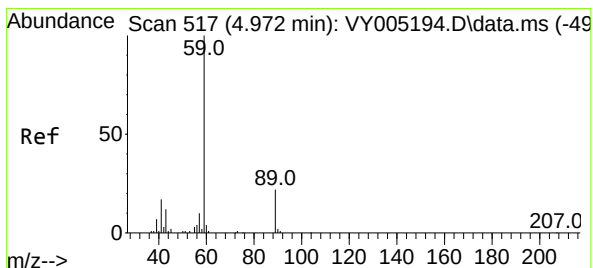
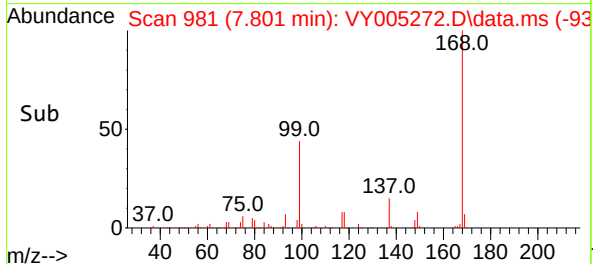
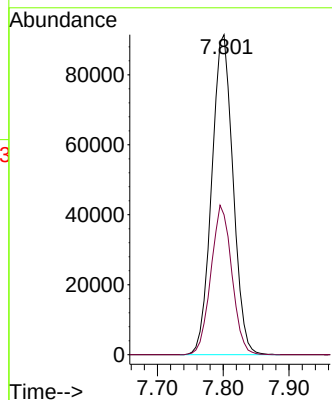
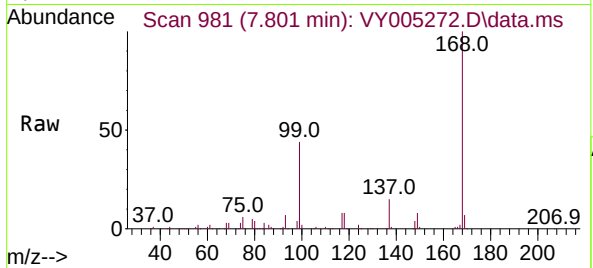




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005272.D
Acq: 29 Jun 2021 13:59

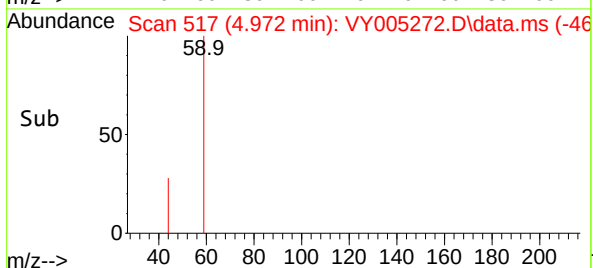
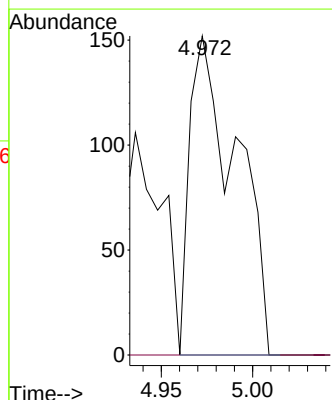
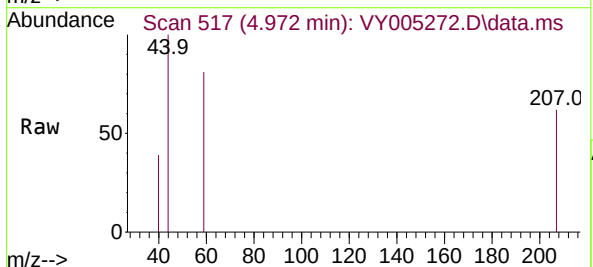
Instrument :
MSVOA_Y
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OK-03-062821

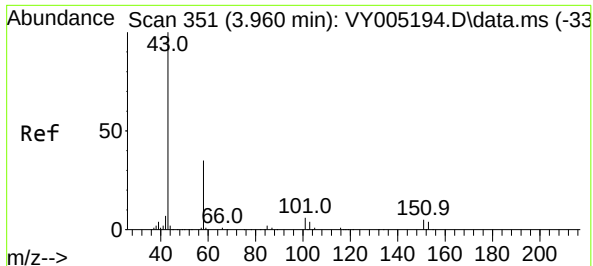
Tgt Ion:168 Resp: 205780
Ion Ratio Lower Upper
168 100
99 43.7 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY005272.D
Acq: 29 Jun 2021 13:59

Tgt Ion: 59 Resp: 271
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

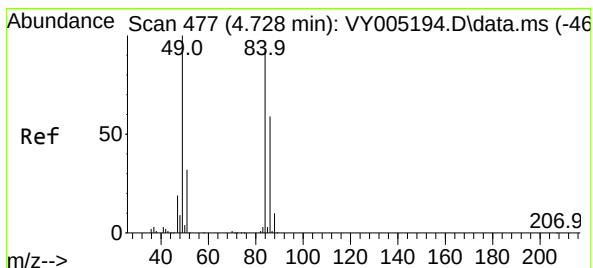
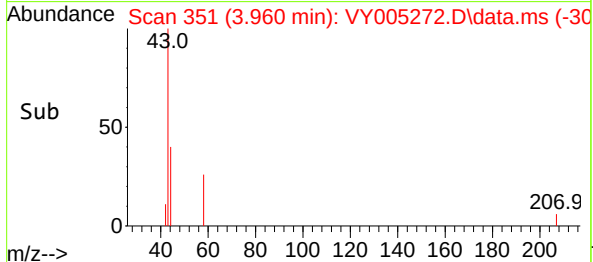
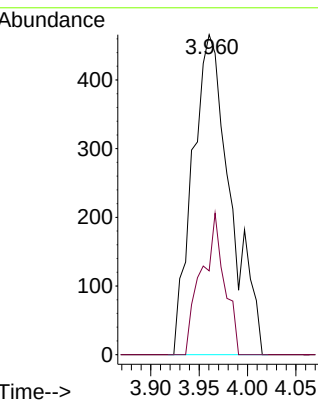
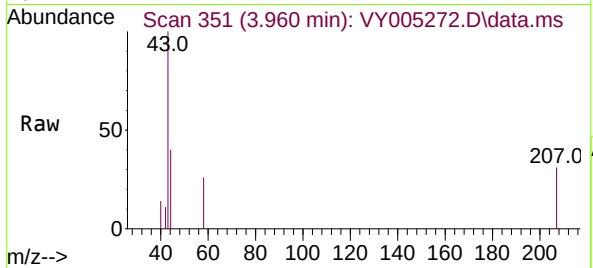




#16
Acetone
Concen: 3.20 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005272.D
Acq: 29 Jun 2021 13:59

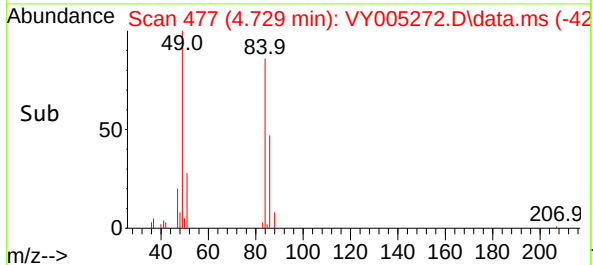
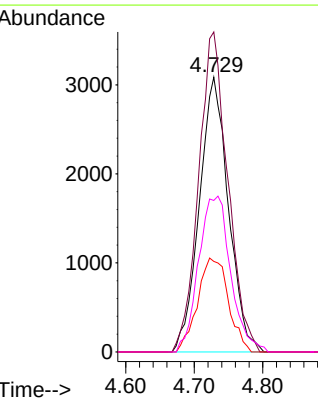
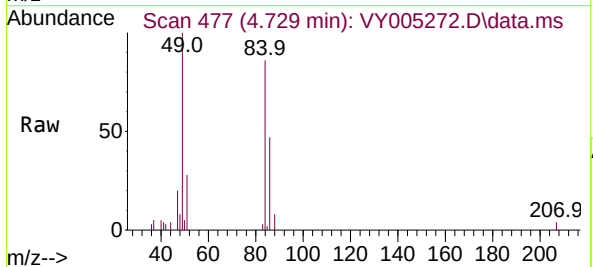
Instrument :
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ClientSampleId :
OK-03-062821

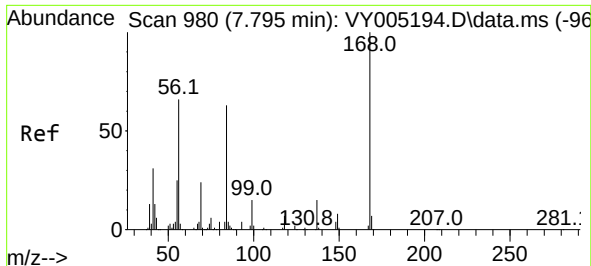
Tgt Ion: 43 Resp: 1264
Ion Ratio Lower Upper
43 100
58 26.2 28.2 42.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. 0.001 min
Lab File: VY005272.D
Acq: 29 Jun 2021 13:59

Tgt Ion: 84 Resp: 9107
Ion Ratio Lower Upper
84 100
49 116.5 86.9 130.3
51 33.0 27.4 41.2
86 55.1 51.0 76.6

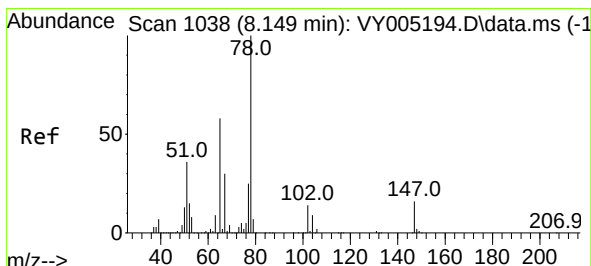
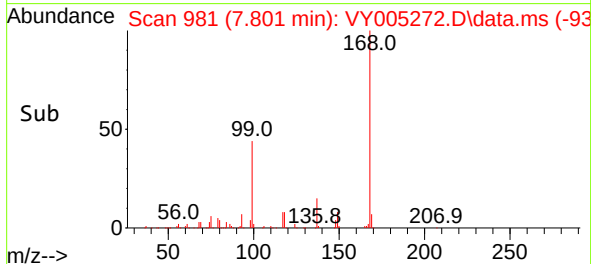
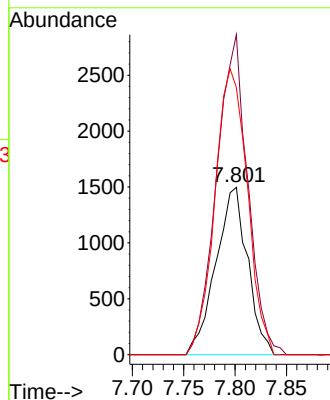
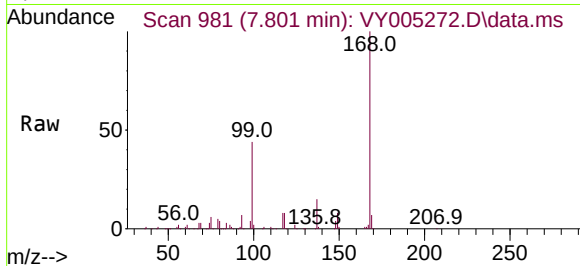




#31
Cyclohexane
Concen: 1.06 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005272.D
Acq: 29 Jun 2021 13:59

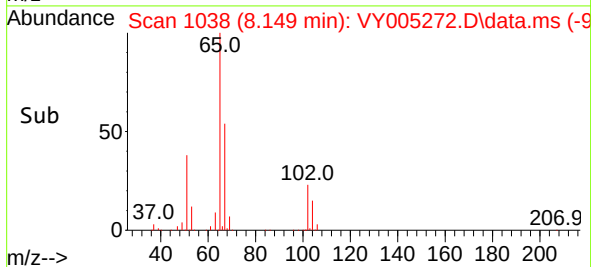
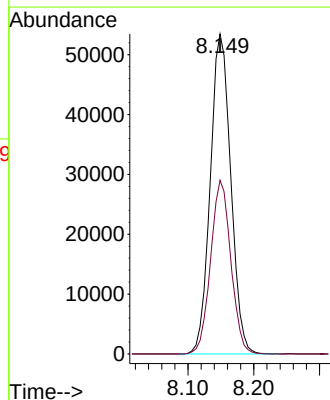
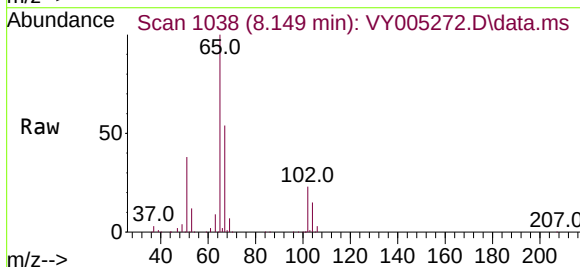
Instrument :
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ClientSampleId :
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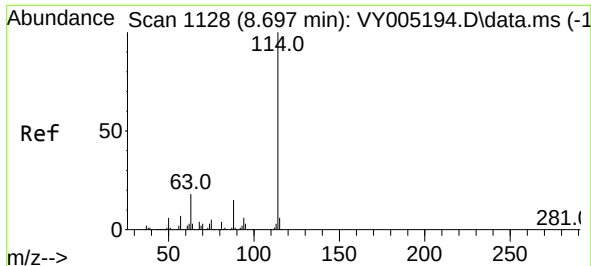
Tgt Ion: 56 Resp: 3218
Ion Ratio Lower Upper
56 100
69 191.1 29.6 44.4#
84 159.5 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 67.91 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005272.D
Acq: 29 Jun 2021 13:59

Tgt Ion: 65 Resp: 115972
Ion Ratio Lower Upper
65 100
67 53.5 0.0 110.6

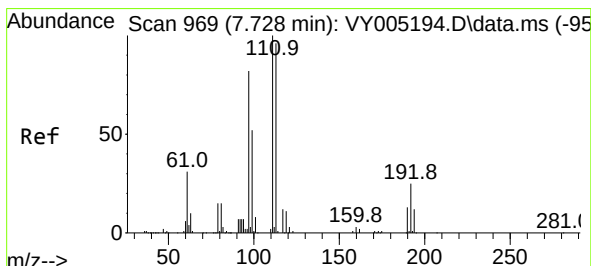
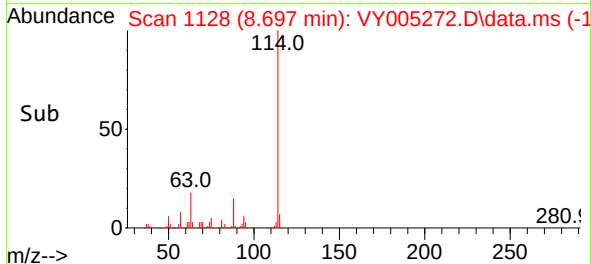
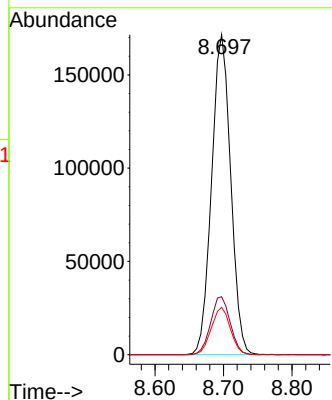
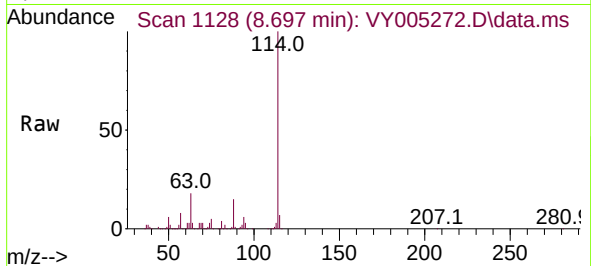




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005272.D
Acq: 29 Jun 2021 13:59

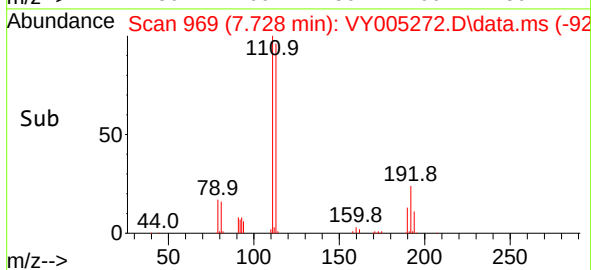
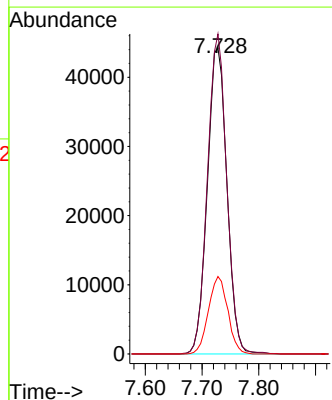
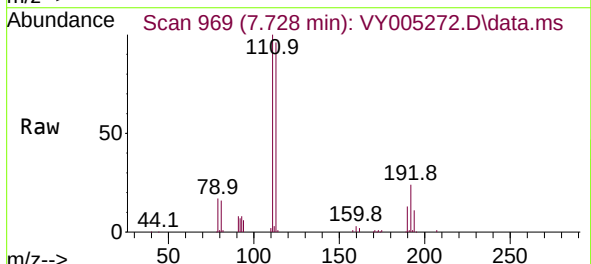
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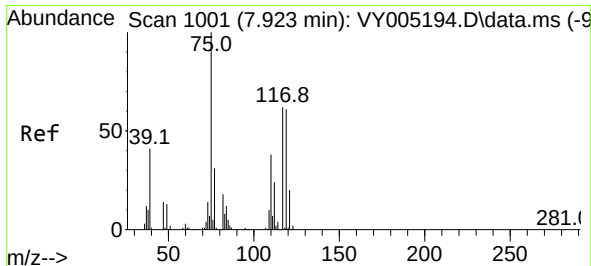
Tgt Ion:114 Resp: 331203
Ion Ratio Lower Upper
114 100
63 18.1 0.0 35.2
88 14.8 0.0 29.4



#35
Dibromofluoromethane
Concen: 54.51 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005272.D
Acq: 29 Jun 2021 13:59

Tgt Ion:113 Resp: 106473
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 24.8 20.2 30.2

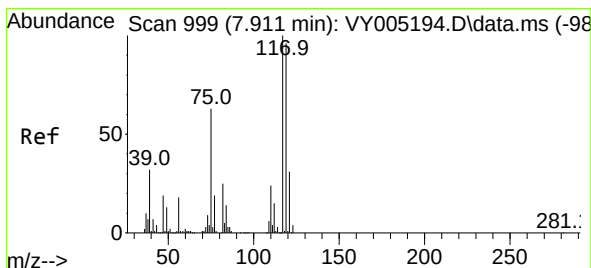
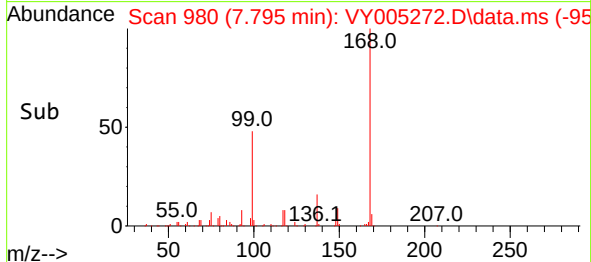
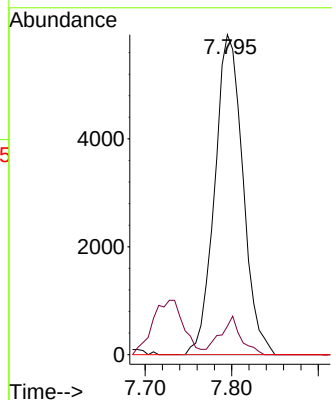
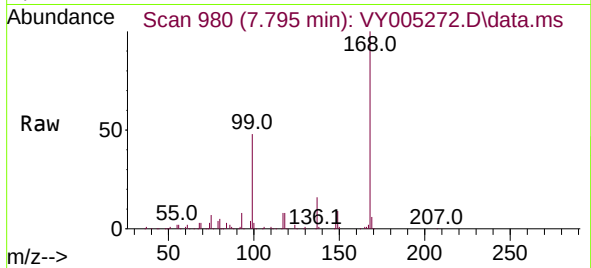




#36
1,1-Dichloropropene
Concen: 4.59 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005272.D
Acq: 29 Jun 2021 13:59

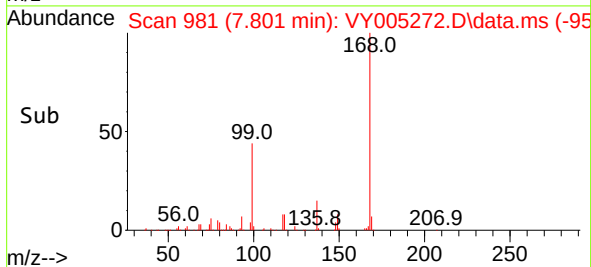
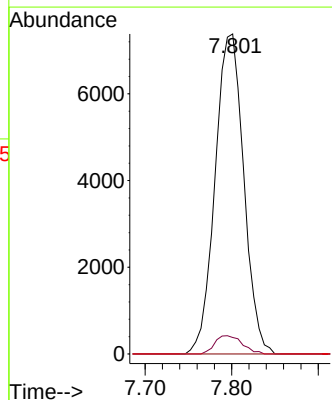
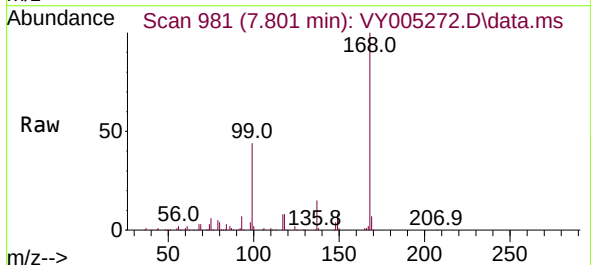
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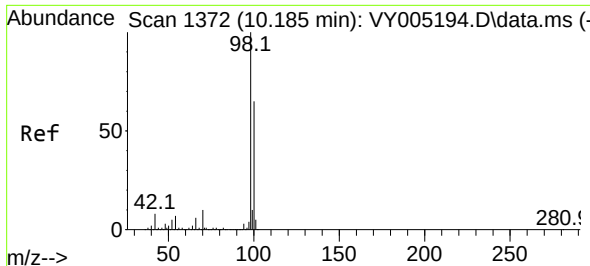
Tgt Ion: 75 Resp: 13398
Ion Ratio Lower Upper
75 100
110 8.9 19.1 57.5#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.56 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005272.D
Acq: 29 Jun 2021 13:59

Tgt Ion: 117 Resp: 16971
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.4#
121 0.0 24.7 37.1#

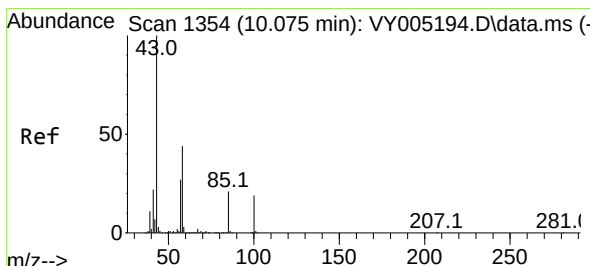
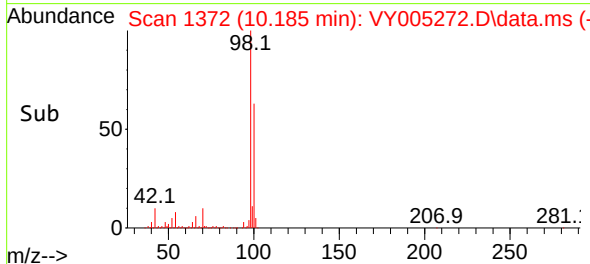
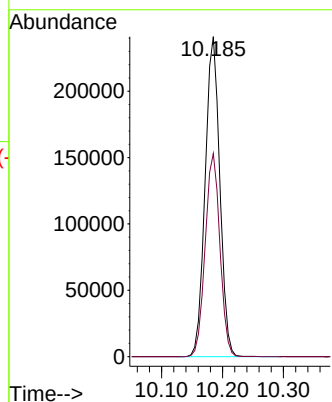
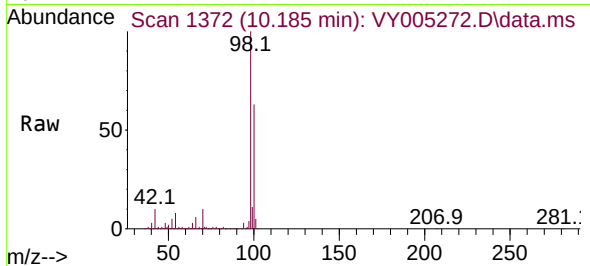




#50
Toluene-d8
Concen: 51.66 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005272.D
Acq: 29 Jun 2021 13:59

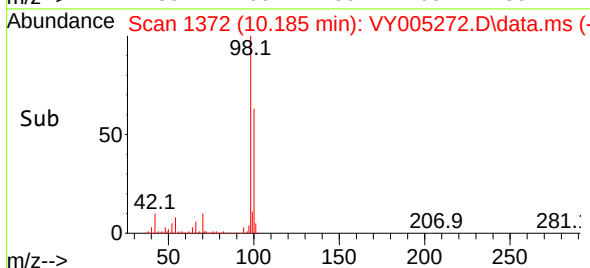
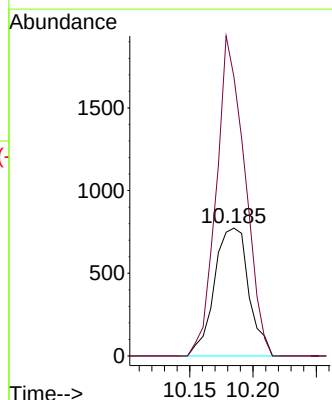
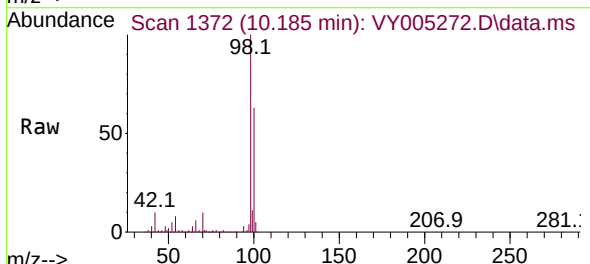
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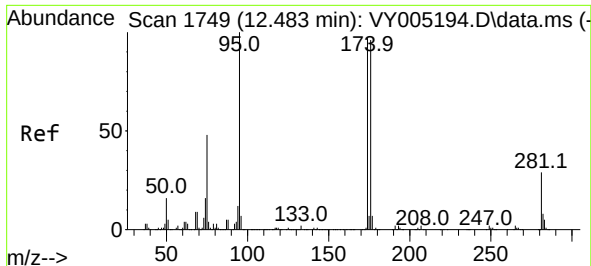
Tgt Ion: 98 Resp: 403530
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.01 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005272.D
Acq: 29 Jun 2021 13:59

Tgt Ion: 43 Resp: 1463
Ion Ratio Lower Upper
43 100
58 207.2 35.3 52.9#

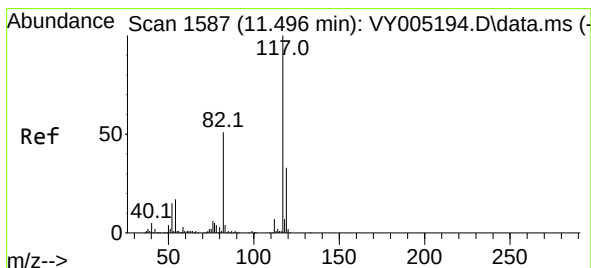
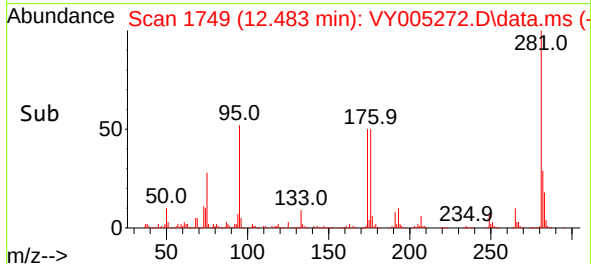
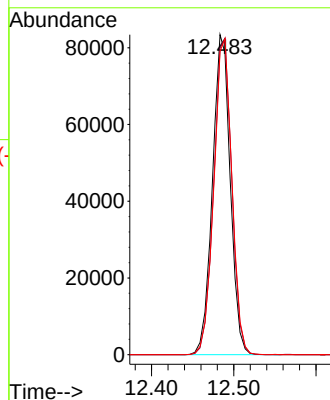
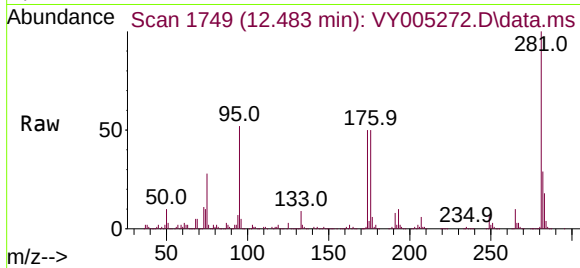




#62
4-Bromofluorobenzene
Concen: 48.06 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005272.D
Acq: 29 Jun 2021 13:59

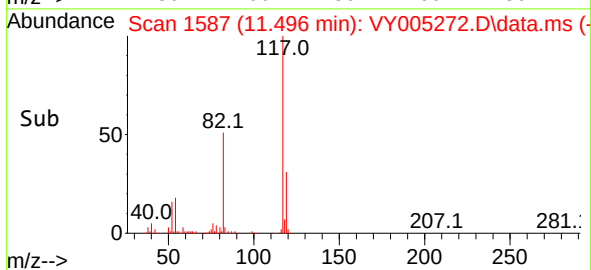
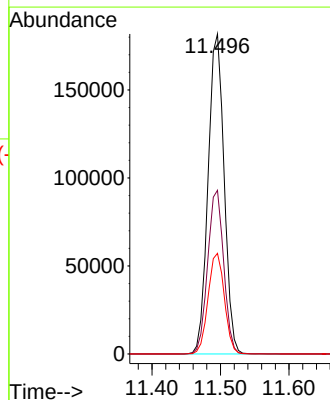
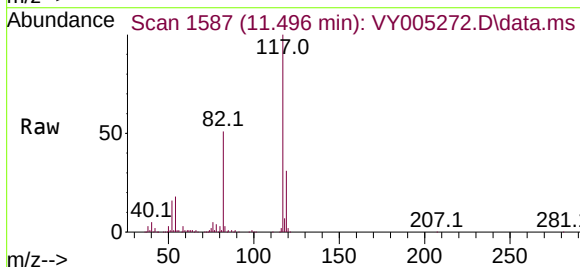
Instrument :
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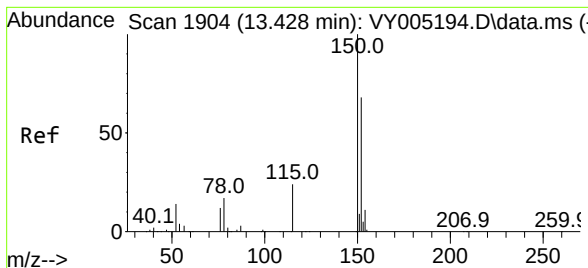
Tgt Ion: 95 Resp: 125086
Ion Ratio Lower Upper
95 100
174 100.1 0.0 201.6
176 100.1 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005272.D
Acq: 29 Jun 2021 13:59

Tgt Ion: 117 Resp: 295850
Ion Ratio Lower Upper
117 100
82 51.2 40.6 60.8
119 31.5 26.1 39.1

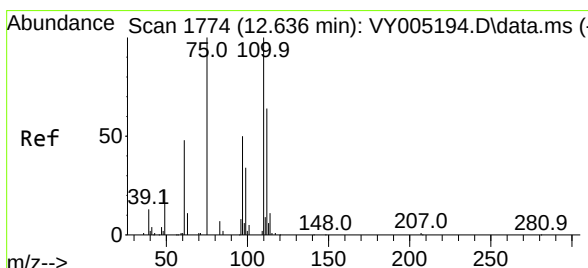
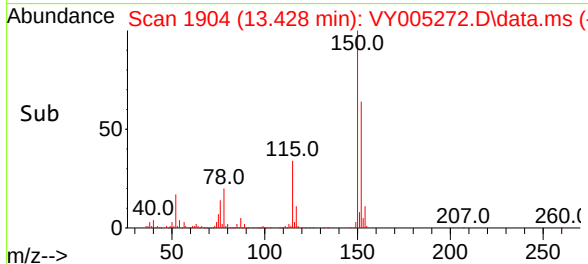
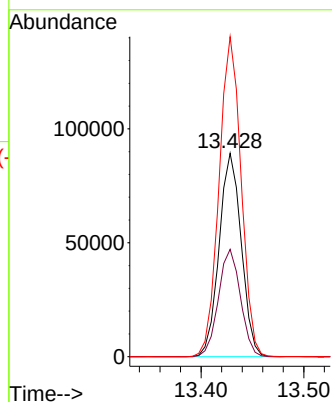
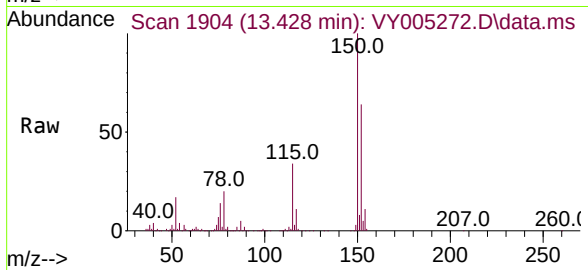




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005272.D
 Acq: 29 Jun 2021 13:59

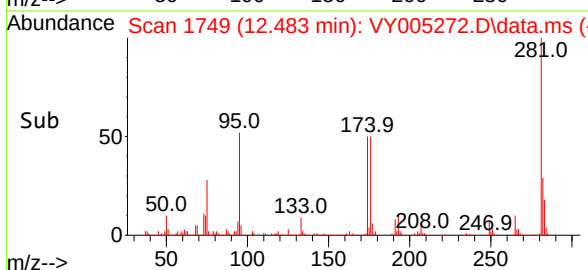
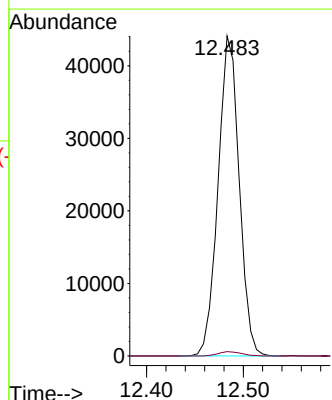
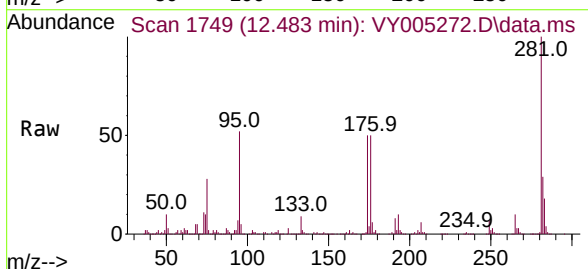
Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-062821

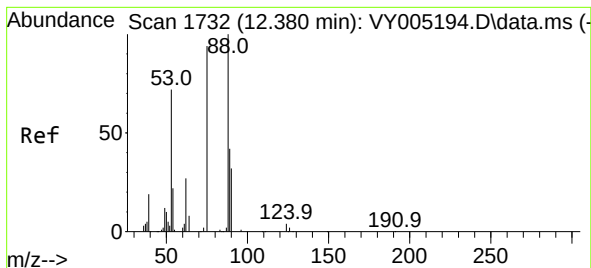
Tgt Ion:152 Resp: 133304
 Ion Ratio Lower Upper
 152 100
 115 52.5 26.3 78.8
 150 156.9 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 56.43 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005272.D
 Acq: 29 Jun 2021 13:59

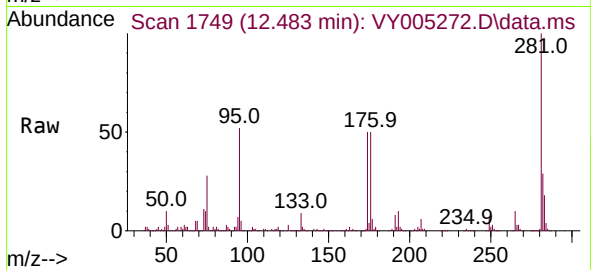
Tgt Ion: 75 Resp: 66716
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.29 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005272.D
 Acq: 29 Jun 2021 13:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-062821



Tgt Ion: 75 Resp: 66716
 Ion Ratio Lower Upper
 75 100
 53 0.2 63.0 94.4#
 89 2.9 38.0 57.0#

