

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062421\
 Data File : VY005208.D
 Acq On : 24 Jun 2021 14:05
 Operator : SY/MD
 Sample : M2829-06
 Misc : 6.27G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 15B-DUP-01

Quant Time: Jun 25 04:34:27 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	221316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	356077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	349421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	164038	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	112791	61.413	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.820%
35) Dibromofluoromethane	7.728	113	112051	53.358	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.720%
50) Toluene-d8	10.185	98	430727	51.289	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.580%
62) 4-Bromofluorobenzene	12.483	95	149763	53.516	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.040%

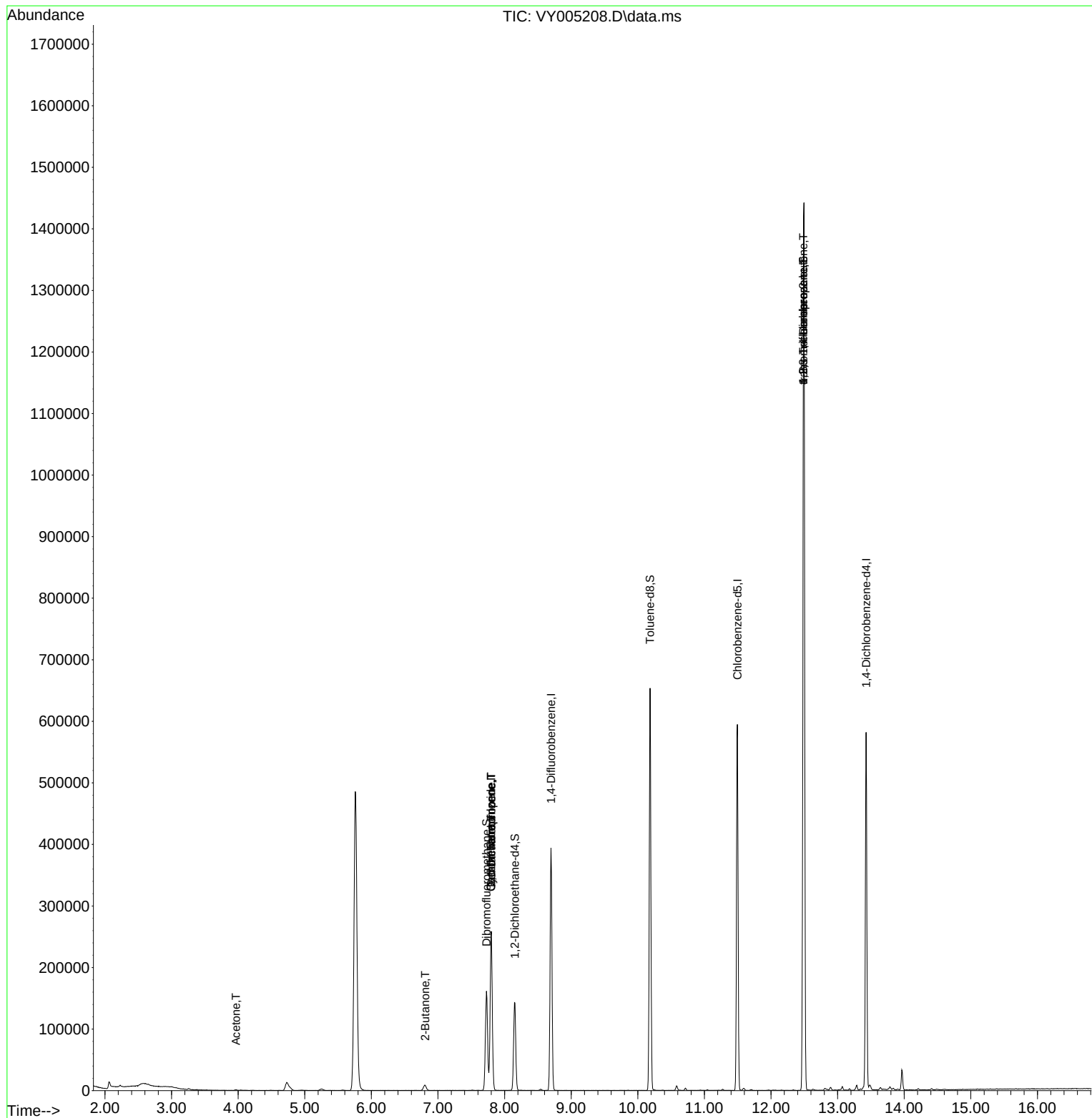
Target Compounds					Qvalue
11) Tert butyl alcohol	4.972	59	507	Below Cal	# 77
16) Acetone	3.967	43	1618	3.814 ug/l	# 88
20) Methylene Chloride	4.729	84	10030	Below Cal	97
25) 2-Butanone	6.807	43	699	1.130 ug/l	# 43
31) Cyclohexane	7.795	56	5381	1.641 ug/l	# 34
36) 1,1-Dichloropropene	7.801	75	13261	4.229 ug/l	# 48
38) Carbon Tetrachloride	7.795	117	18505	5.638 ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	75741	52.062 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	75741	97.135 ug/l	# 19

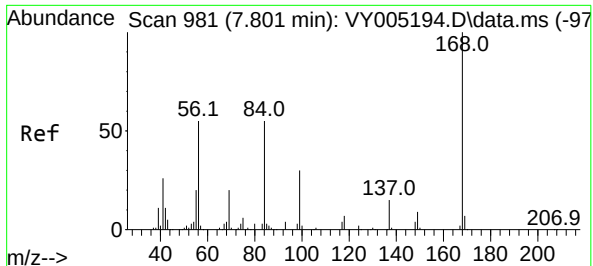
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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15B-DUP-01

Quant Time: Jun 25 04:34:27 2021
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Quant Title : SW846 8260
QLast Update : Wed Jun 23 07:57:52 2021
Response via : Initial Calibration

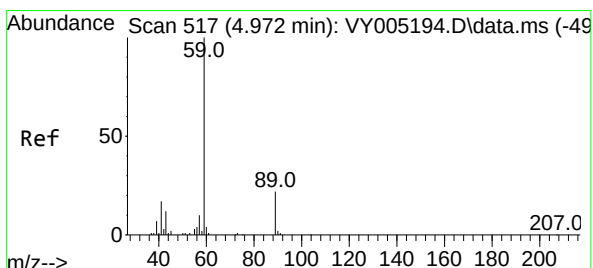
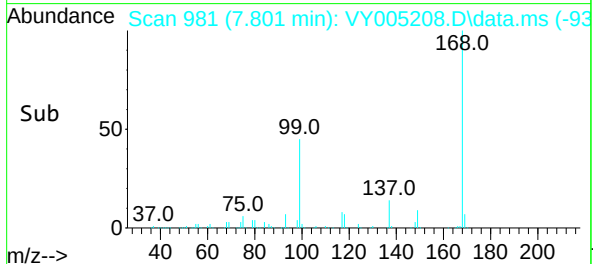
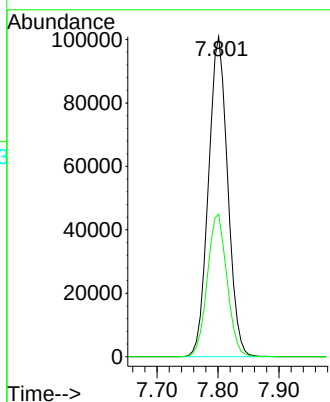
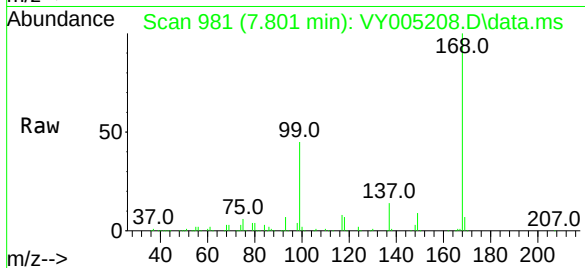




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005208.D
Acq: 24 Jun 2021 14:05

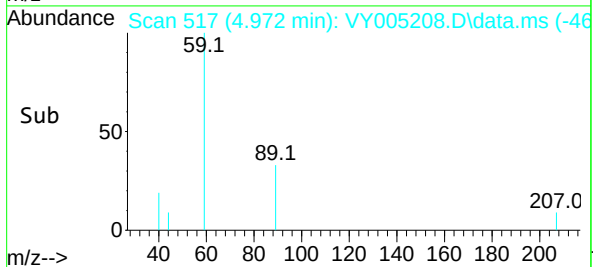
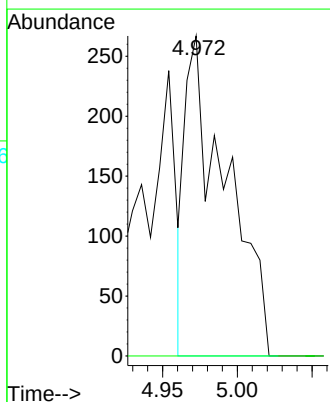
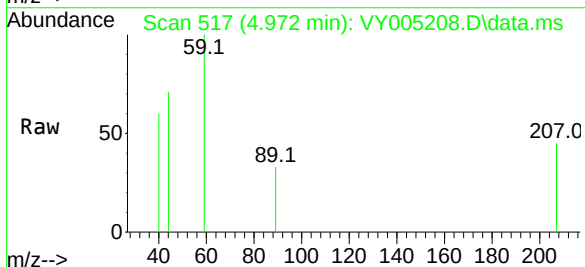
Instrument :
MSVOA_Y
ClientSampleId :
15B-DUP-01

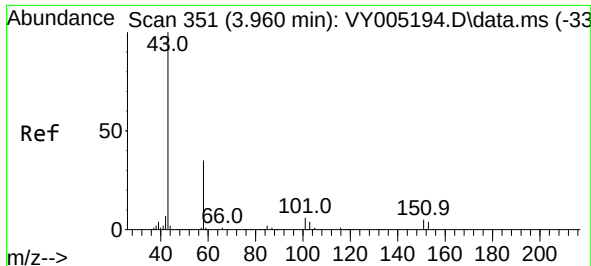
Tgt Ion:168 Resp: 221316
Ion Ratio Lower Upper
168 100
99 44.6 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY005208.D
Acq: 24 Jun 2021 14:05

Tgt Ion: 59 Resp: 507
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

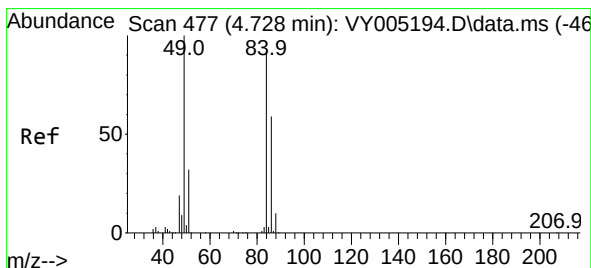
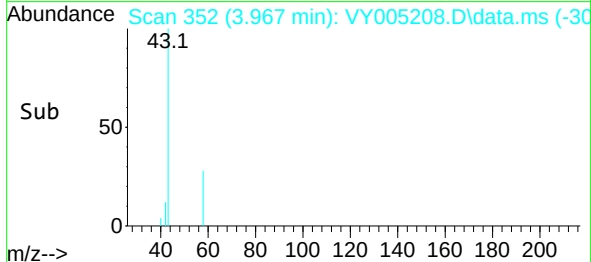
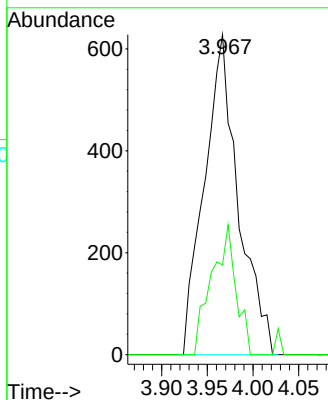
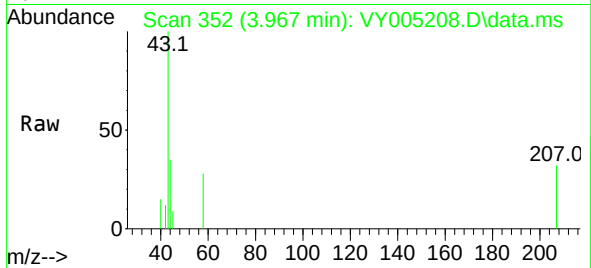




#16
Acetone
Concen: 3.814 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005208.D
Acq: 24 Jun 2021 14:05

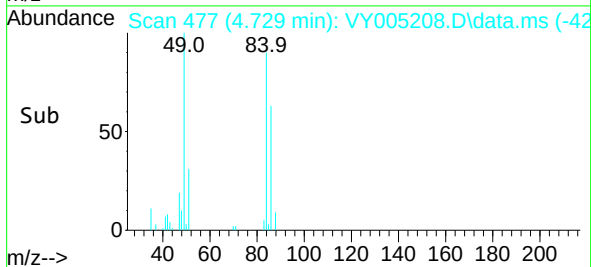
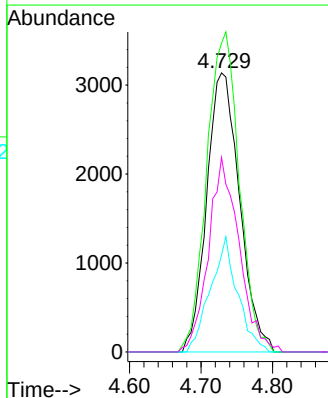
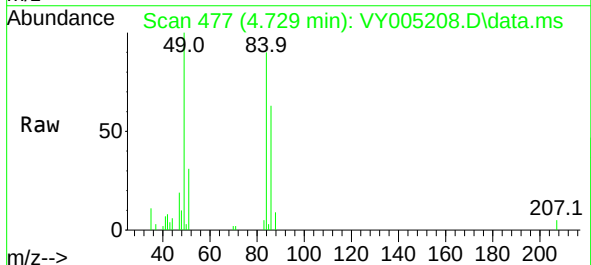
Instrument :
MSVOA_Y
ClientSampleId :
15B-DUP-01

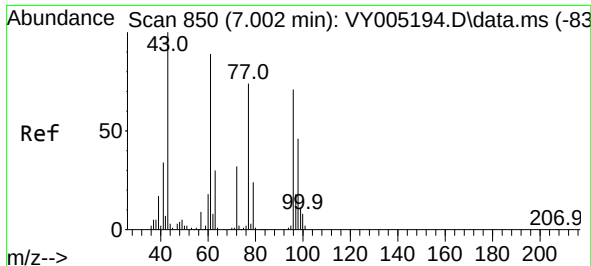
Tgt Ion: 43 Resp: 1618
Ion Ratio Lower Upper
43 100
58 28.0 28.2 42.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. 0.001 min
Lab File: VY005208.D
Acq: 24 Jun 2021 14:05

Tgt Ion: 84 Resp: 10030
Ion Ratio Lower Upper
84 100
49 110.6 86.9 130.3
51 34.7 27.4 41.2
86 69.7 51.0 76.6

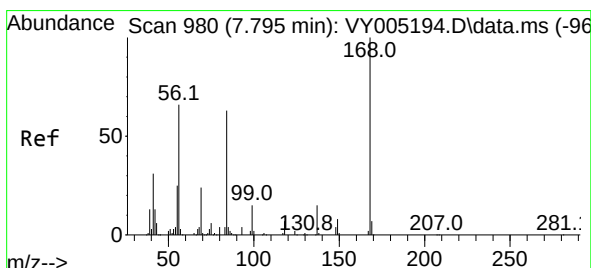
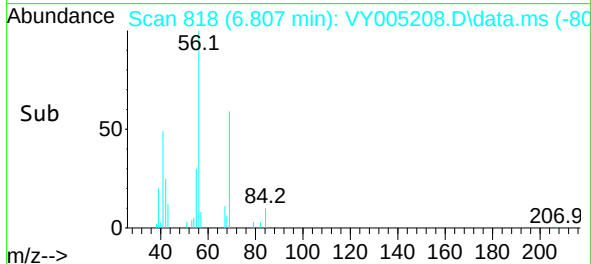
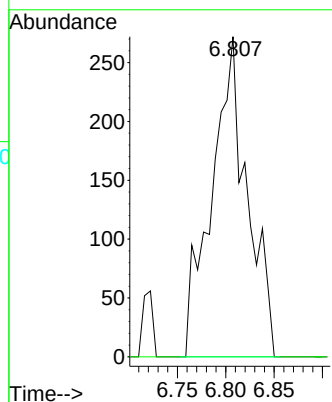
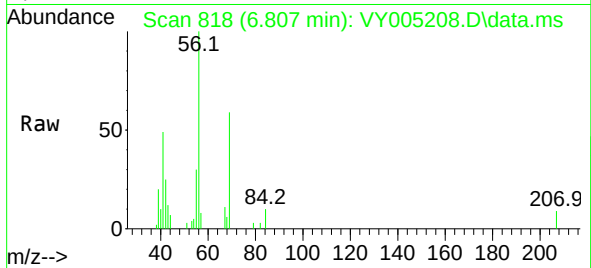




#25
2-Butanone
Concen: 1.130 ug/l
RT: 6.807 min Scan# 818
Delta R.T. -0.195 min
Lab File: VY005208.D
Acq: 24 Jun 2021 14:05

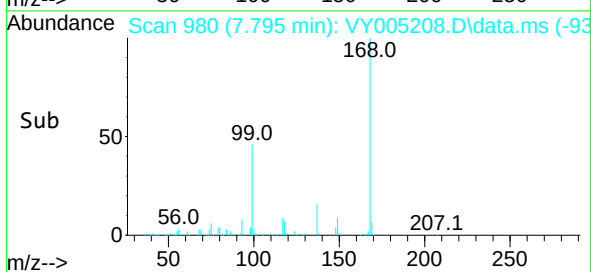
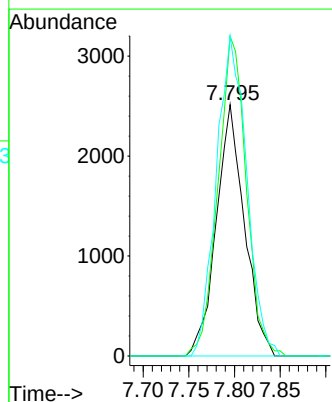
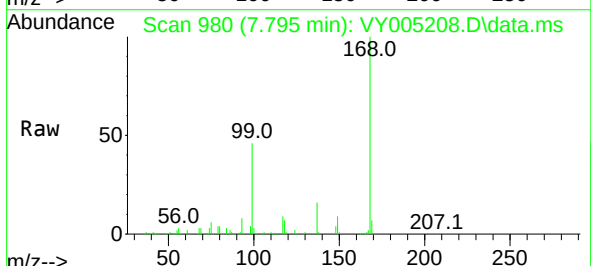
Instrument :
MSVOA_Y
ClientSampled :
15B-DUP-01

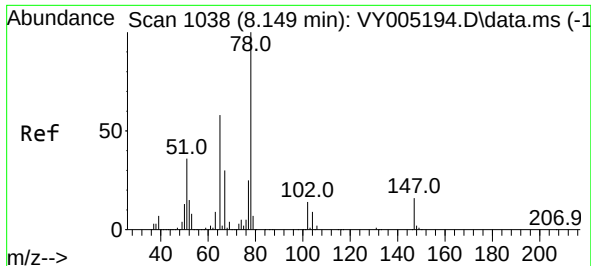
Tgt Ion: 43 Resp: 699
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#31
Cyclohexane
Concen: 1.641 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005208.D
Acq: 24 Jun 2021 14:05

Tgt Ion: 56 Resp: 5381
Ion Ratio Lower Upper
56 100
69 127.2 29.6 44.4#
84 127.3 76.4 114.6#

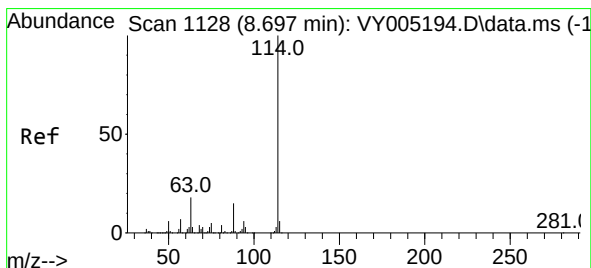
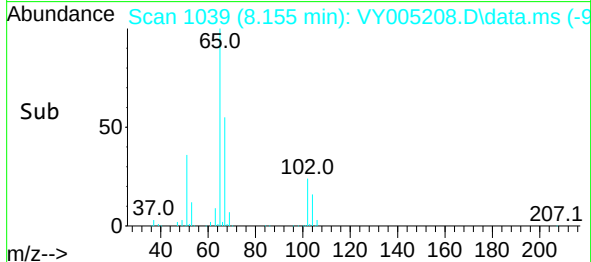
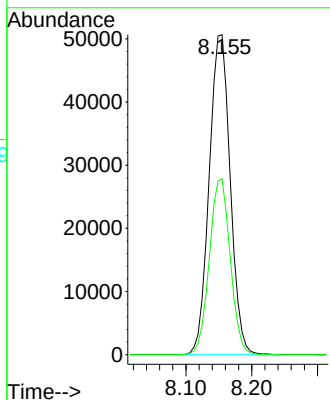
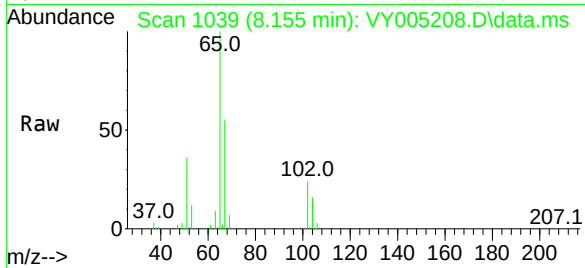




#33
1,2-Dichloroethane-d4
Concen: 61.413 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY005208.D
Acq: 24 Jun 2021 14:05

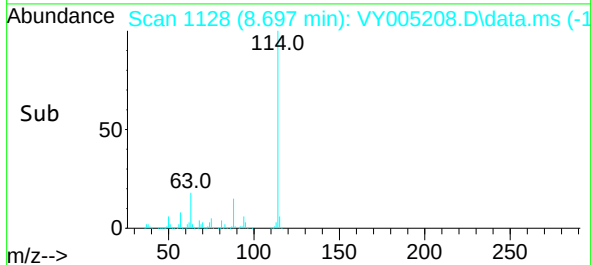
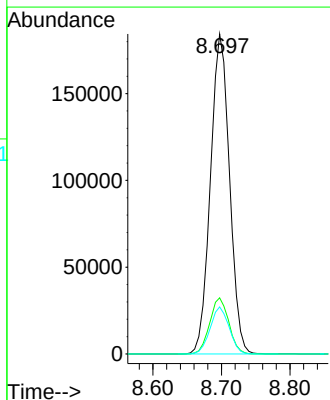
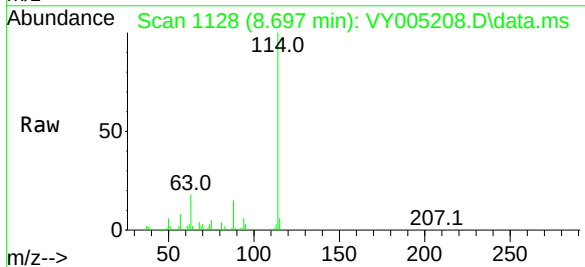
Instrument :
MSVOA_Y
ClientSampleId :
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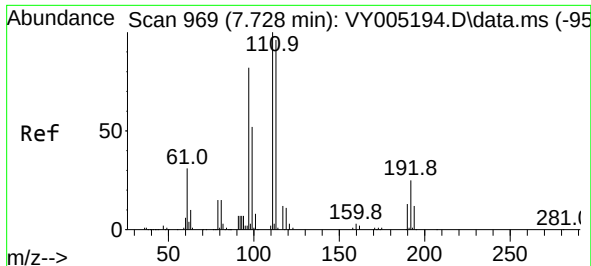
Tgt Ion: 65 Resp: 112791
Ion Ratio Lower Upper
65 100
67 54.4 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005208.D
Acq: 24 Jun 2021 14:05

Tgt Ion: 114 Resp: 356077
Ion Ratio Lower Upper
114 100
63 17.6 0.0 35.2
88 14.7 0.0 29.4

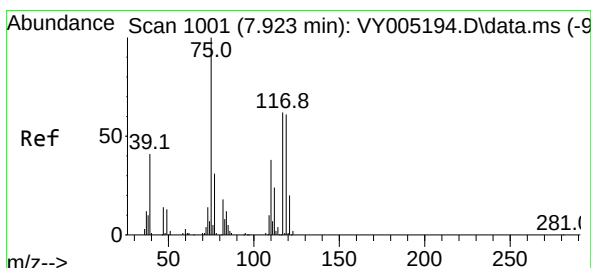
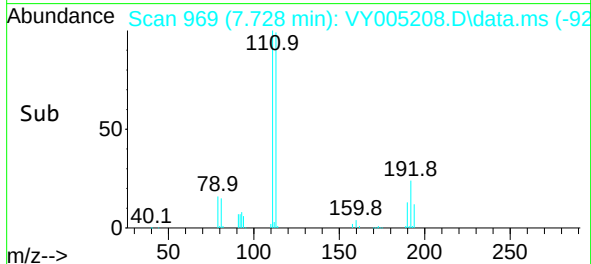
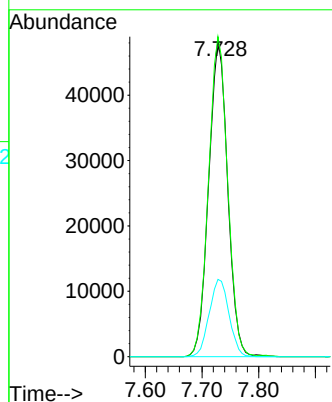
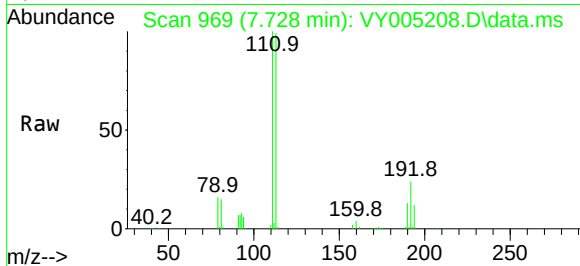




#35
Dibromofluoromethane
Concen: 53.358 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005208.D
Acq: 24 Jun 2021 14:05

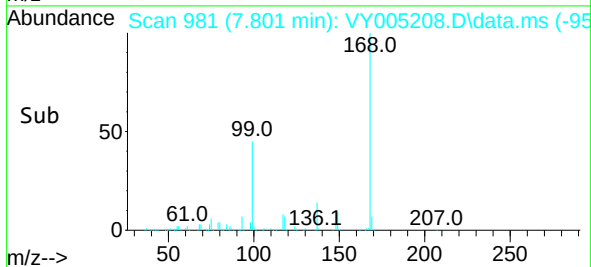
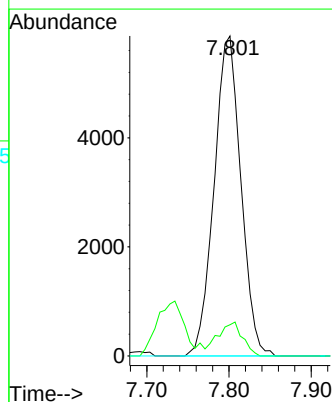
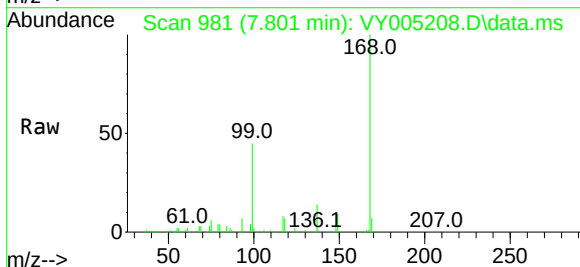
Instrument :
MSVOA_Y
ClientSampleId :
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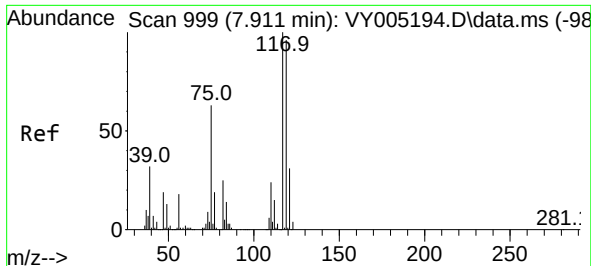
Tgt Ion:113 Resp: 112051
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 25.6 20.2 30.2



#36
1,1-Dichloropropene
Concen: 4.229 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005208.D
Acq: 24 Jun 2021 14:05

Tgt Ion: 75 Resp: 13261
Ion Ratio Lower Upper
75 100
110 9.8 19.1 57.5#
77 0.0 25.2 37.8#

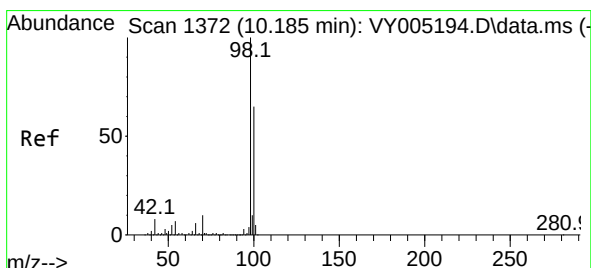
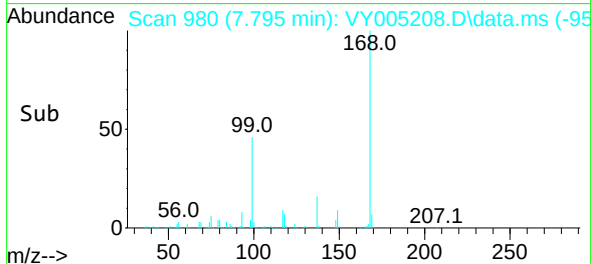
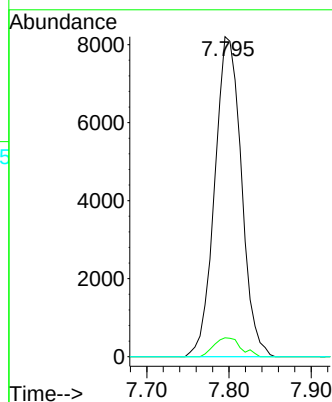
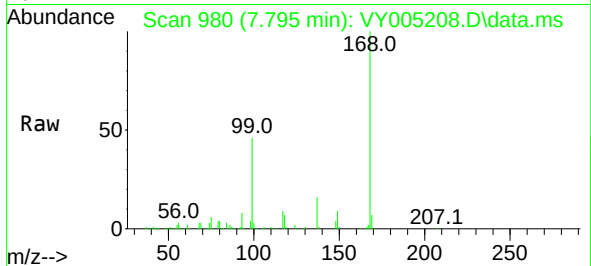




#38
Carbon Tetrachloride
Concen: 5.638 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005208.D
Acq: 24 Jun 2021 14:05

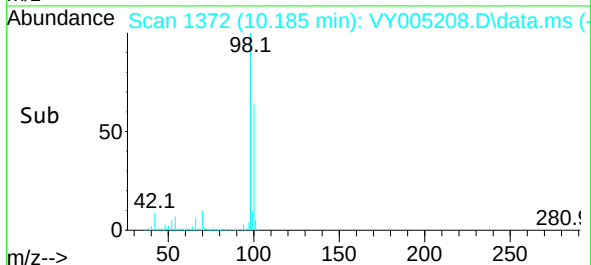
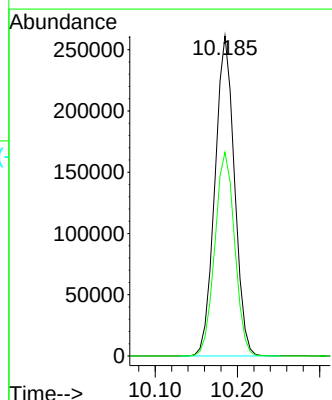
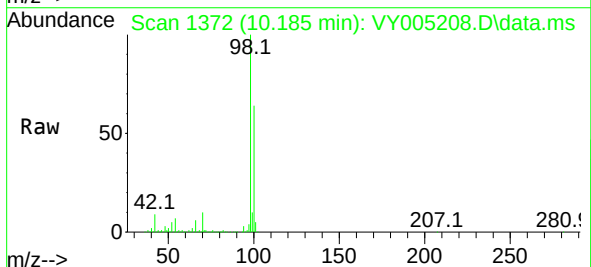
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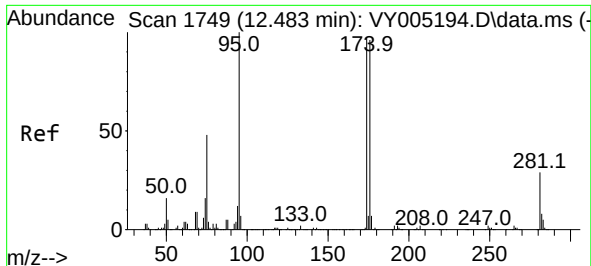
Tgt Ion:117 Resp: 18505
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.289 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005208.D
Acq: 24 Jun 2021 14:05

Tgt Ion: 98 Resp: 430727
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

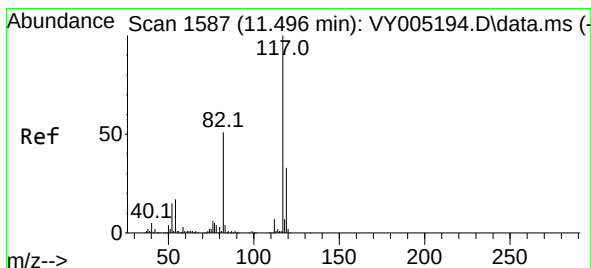
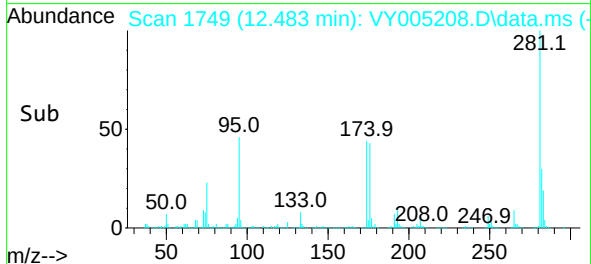
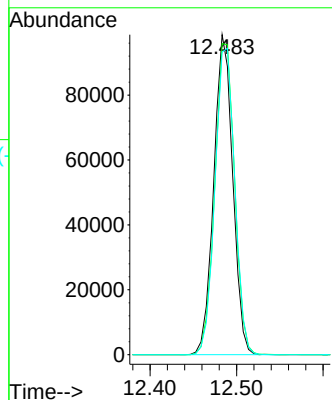
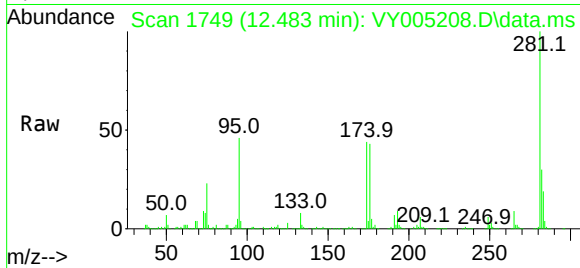




#62
4-Bromofluorobenzene
Concen: 53.516 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005208.D
Acq: 24 Jun 2021 14:05

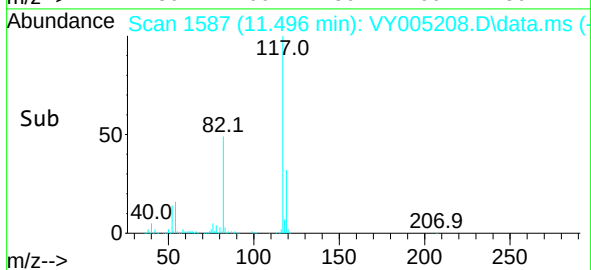
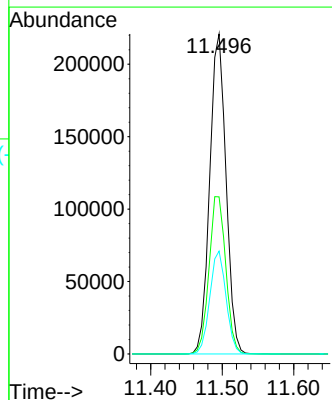
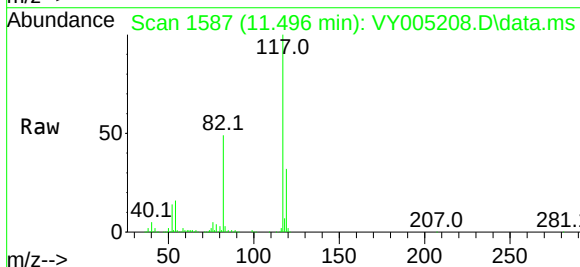
Instrument :
MSVOA_Y
ClientSampleId :
15B-DUP-01

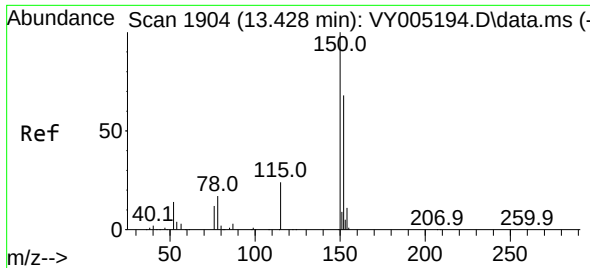
Tgt Ion: 95 Resp: 149763
Ion Ratio Lower Upper
95 100
174 101.4 0.0 201.6
176 100.1 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005208.D
Acq: 24 Jun 2021 14:05

Tgt Ion: 117 Resp: 349421
Ion Ratio Lower Upper
117 100
82 49.1 40.6 60.8
119 32.2 26.1 39.1

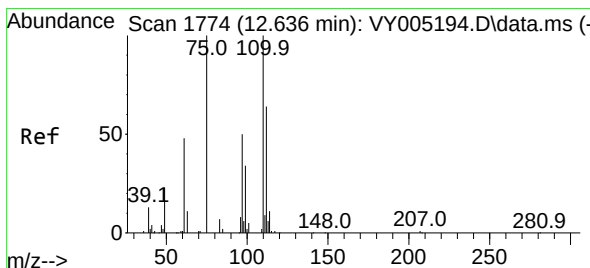
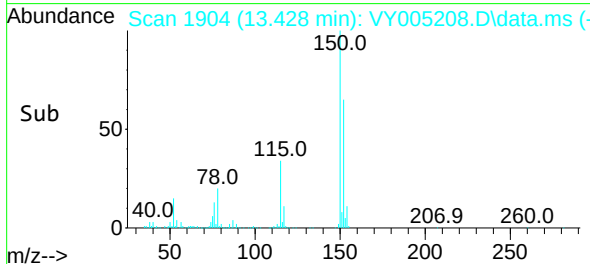
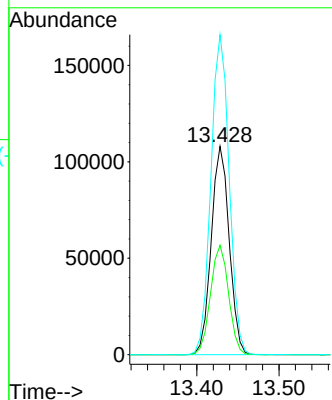
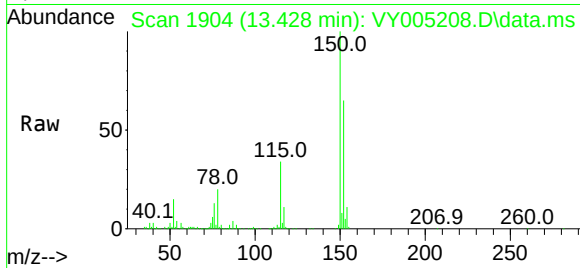




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005208.D
 Acq: 24 Jun 2021 14:05

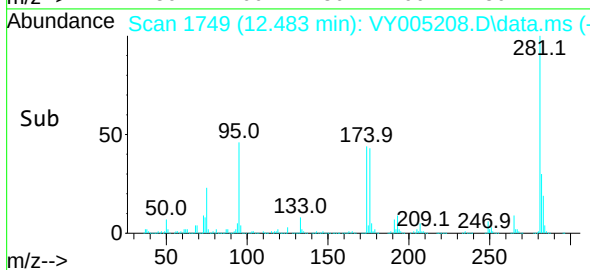
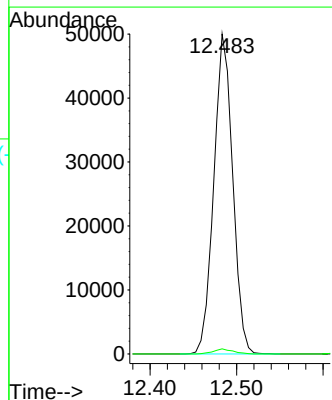
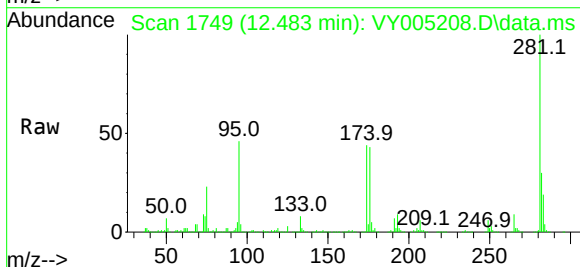
Instrument :
 MSVOA_Y
 ClientSampleId :
 15B-DUP-01

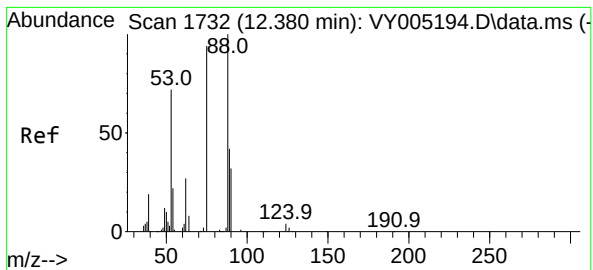
Tgt Ion:152 Resp: 164038
 Ion Ratio Lower Upper
 152 100
 115 52.8 26.3 78.8
 150 156.3 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 52.062 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005208.D
 Acq: 24 Jun 2021 14:05

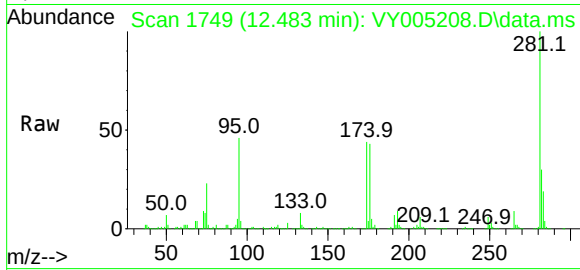
Tgt Ion: 75 Resp: 75741
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.135 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005208.D
 Acq: 24 Jun 2021 14:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 15B-DUP-01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	63.0	94.4#
89	2.8	38.0	57.0#

