

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
 Data File : VY005327.D
 Acq On : 01 Jul 2021 20:17
 Operator : SY/MD
 Sample : M2913-15
 Misc : 4.44G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-D20

Quant Time: Jul 02 05:19:56 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)

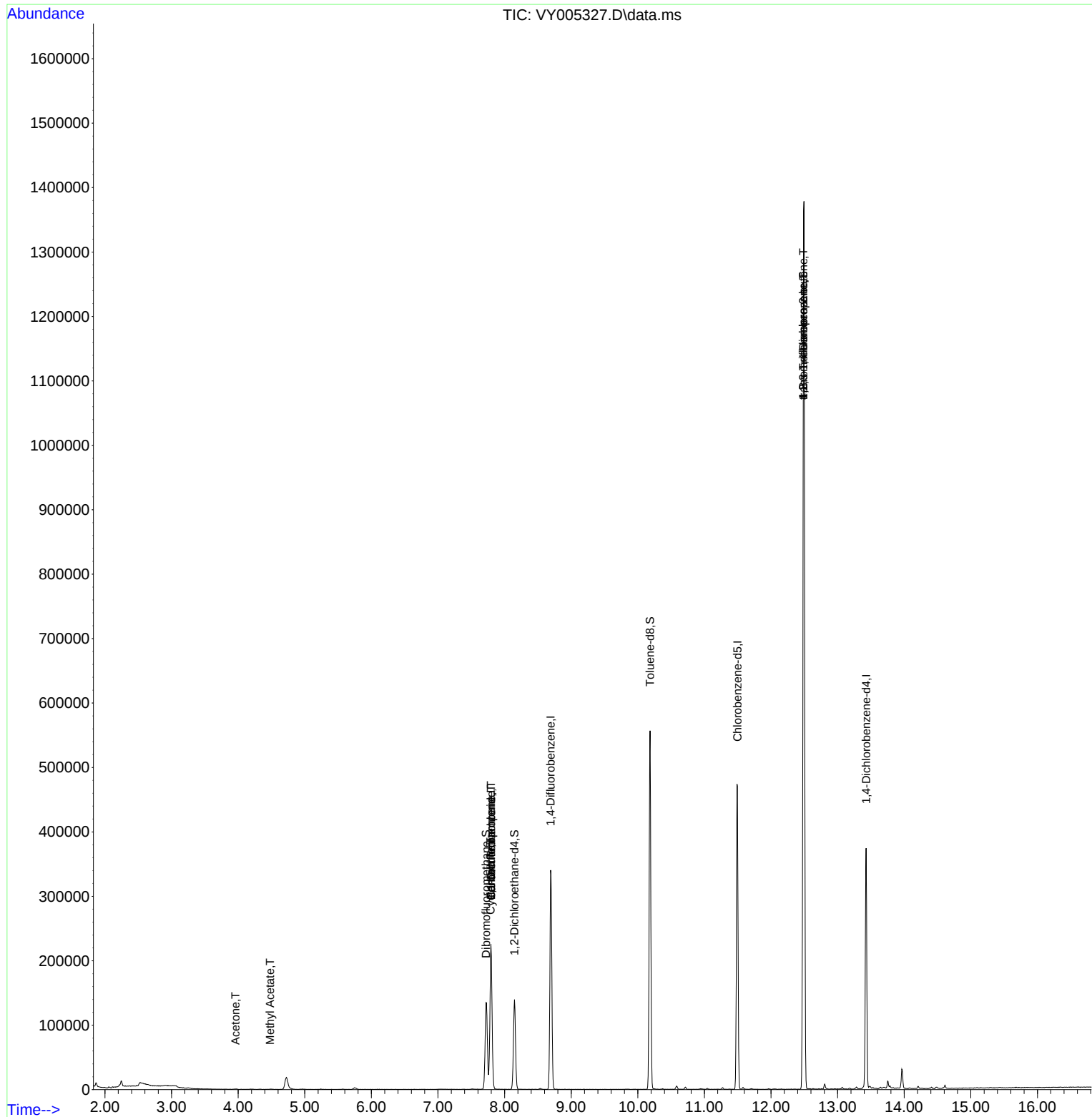
Internal Standards						
1) Pentafluorobenzene	7.795	168	187616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	300172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	273876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	107549	69.077	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.160%	
35) Dibromofluoromethane	7.722	113	94770	53.534	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.060%	
50) Toluene-d8	10.185	98	367010	51.841	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.680%	
62) 4-Bromofluorobenzene	12.483	95	107702	45.654	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.300%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	835	Below Cal	#	77
16) Acetone	3.960	43	1065	2.961	ug/l	95
18) Methyl Acetate	4.478	43	961	1.005	ug/l #	59
20) Methylene Chloride	4.722	84	14482	Below Cal		91
31) Cyclohexane	7.789	56	3178	1.143	ug/l #	9
36) 1,1-Dichloropropene	7.795	75	12252	4.635	ug/l #	47
38) Carbon Tetrachloride	7.795	117	15791	5.707	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	58907	65.645	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	58907	122.479	ug/l #	20

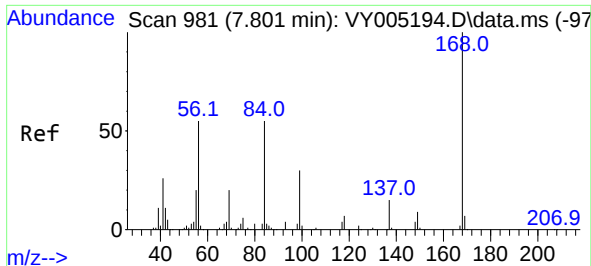
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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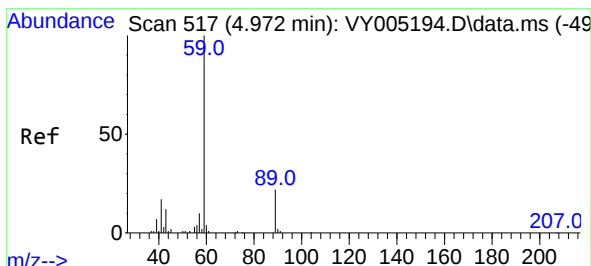
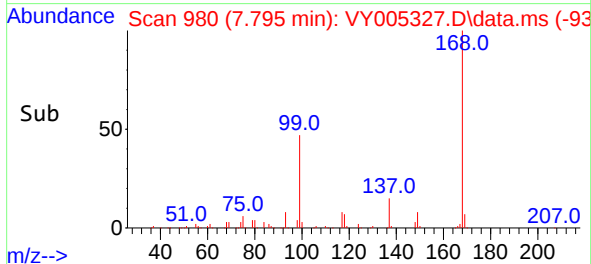
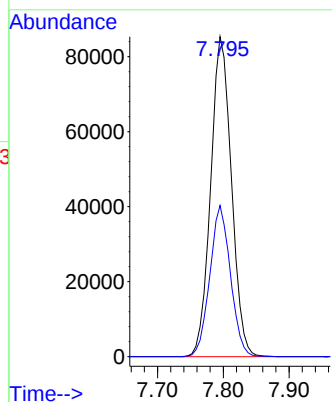
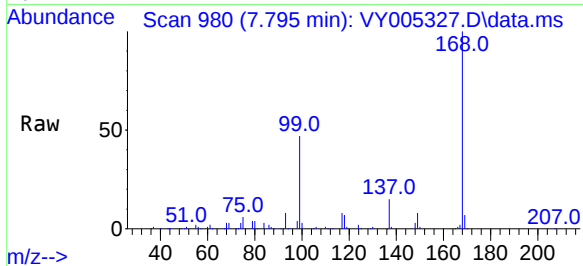




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005327.D
Acq: 01 Jul 2021 20:17

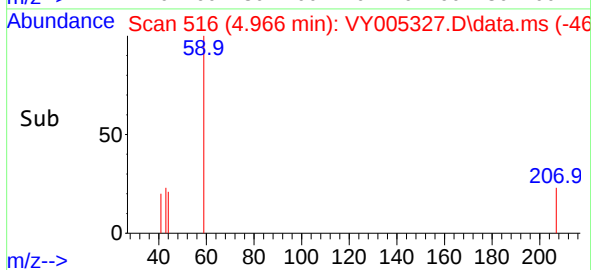
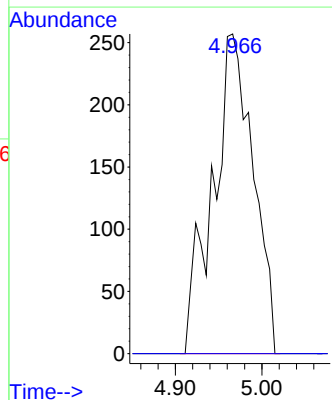
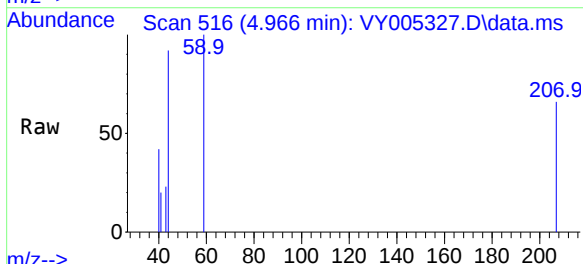
Instrument :
MSVOA_Y
ClientSampleId :
P-D20

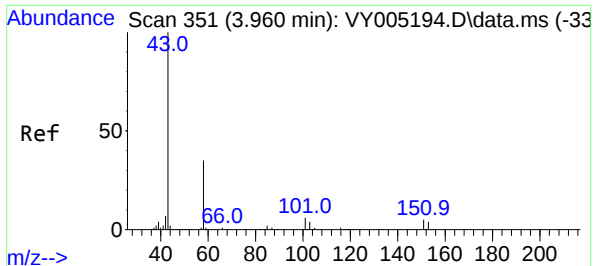
Tgt Ion:168 Resp: 187616
Ion Ratio Lower Upper
168 100
99 47.2 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY005327.D
Acq: 01 Jul 2021 20:17

Tgt Ion: 59 Resp: 835
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

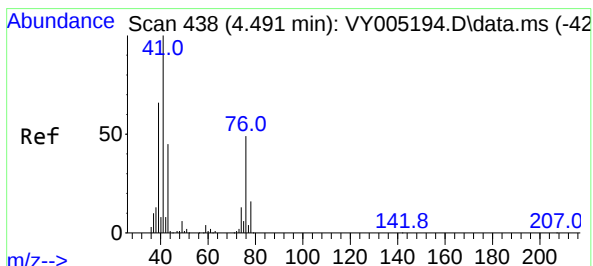
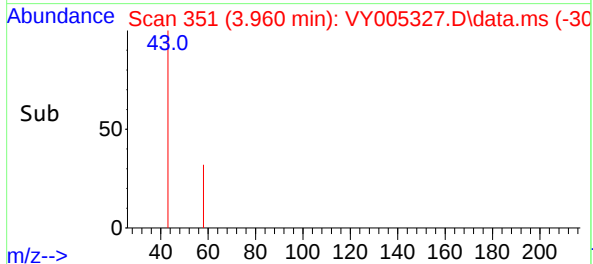
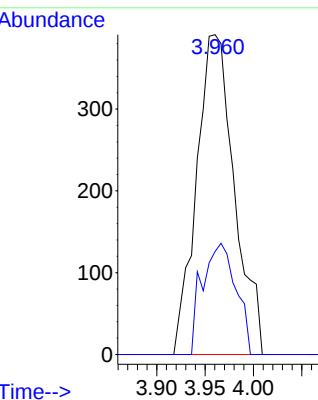
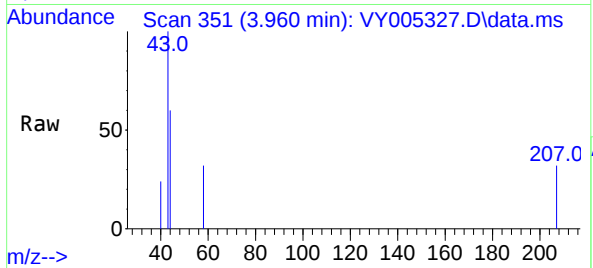




#16
Acetone
Concen: 2.961 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005327.D
Acq: 01 Jul 2021 20:17

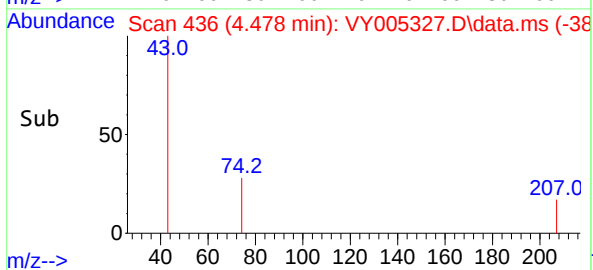
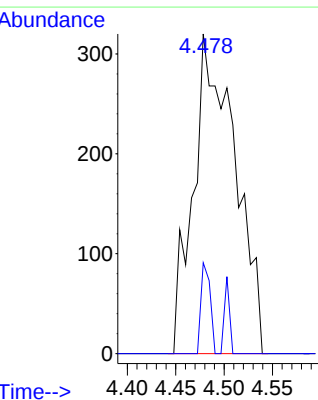
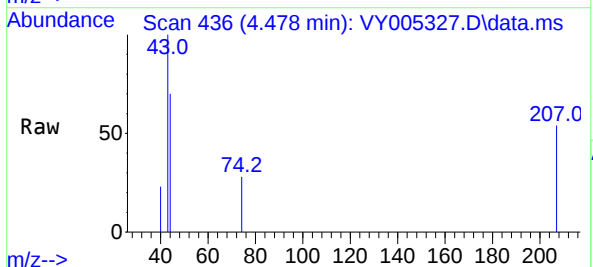
Instrument :
MSVOA_Y
ClientSampleId :
P-D20

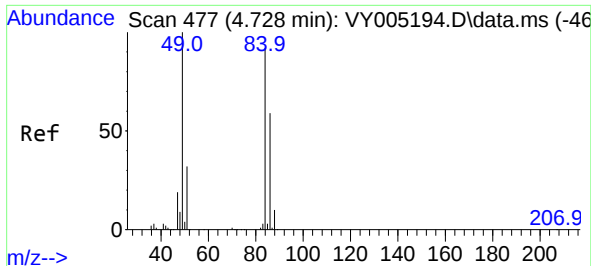
Tgt Ion: 43 Resp: 1065
Ion Ratio Lower Upper
43 100
58 32.2 28.2 42.2



#18
Methyl Acetate
Concen: 1.005 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY005327.D
Acq: 01 Jul 2021 20:17

Tgt Ion: 43 Resp: 961
Ion Ratio Lower Upper
43 100
74 6.2 22.5 33.7#



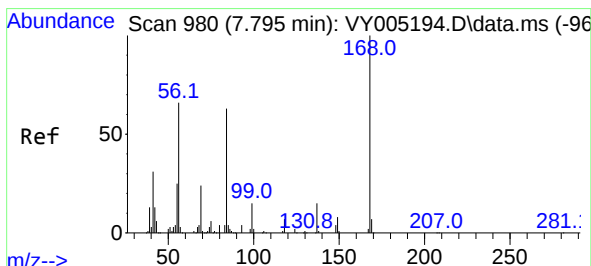
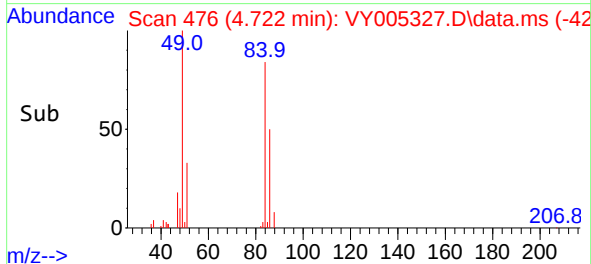
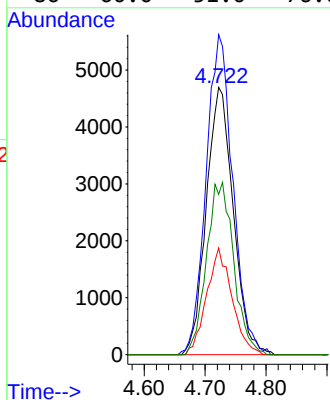
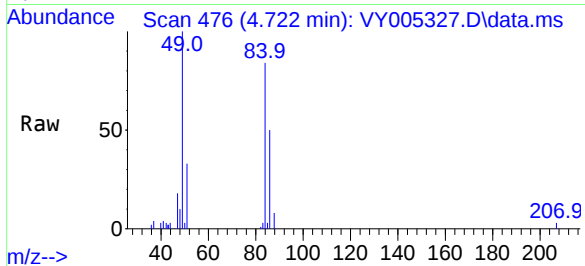


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005327.D
Acq: 01 Jul 2021 20:17

Instrument :
MSVOA_Y
ClientSampleId :
P-D20

Tgt Ion: 84 Resp: 14482

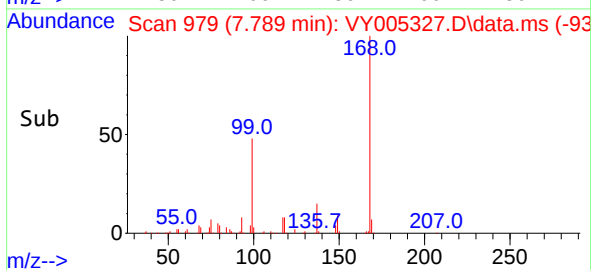
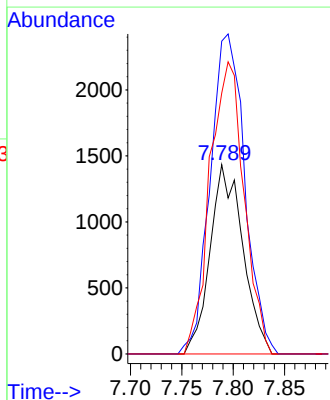
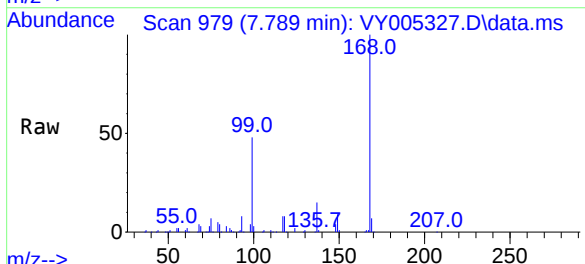
Ion	Ratio	Lower	Upper
84	100		
49	119.7	86.9	130.3
51	39.9	27.4	41.2
86	60.0	51.0	76.6

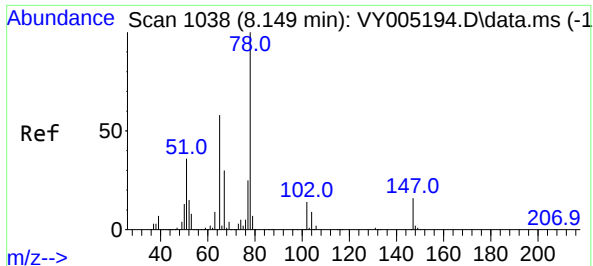


#31
Cyclohexane
Concen: 1.143 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY005327.D
Acq: 01 Jul 2021 20:17

Tgt Ion: 56 Resp: 3178

Ion	Ratio	Lower	Upper
56	100		
69	165.3	29.6	44.4#
84	137.7	76.4	114.6#

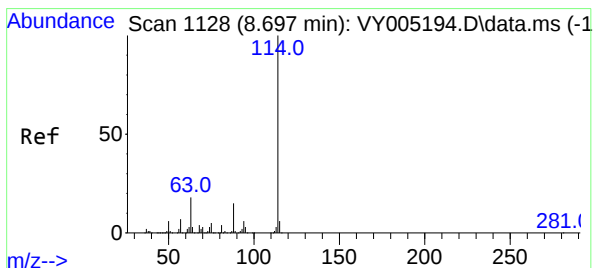
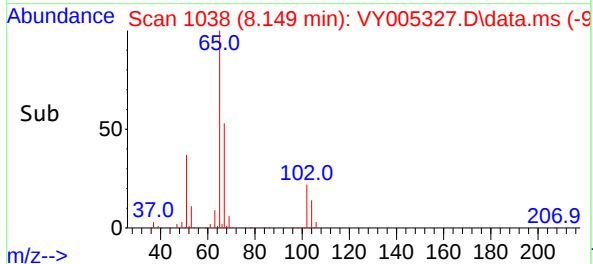
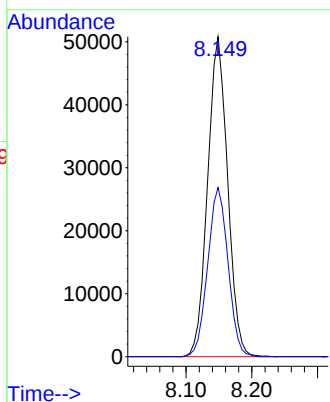
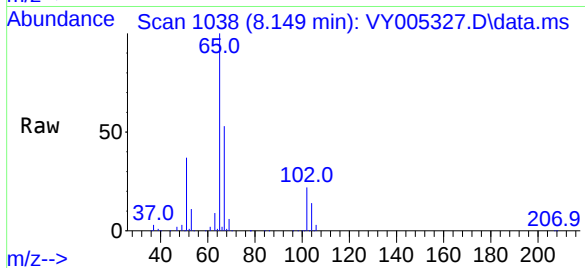




#33
1,2-Dichloroethane-d4
Concen: 69.077 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005327.D
Acq: 01 Jul 2021 20:17

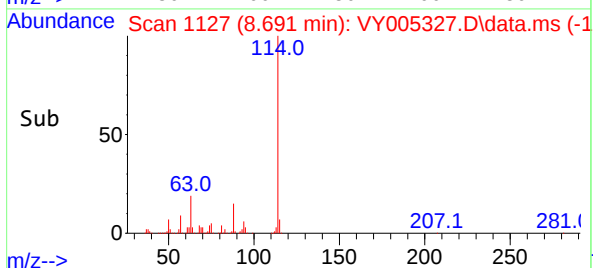
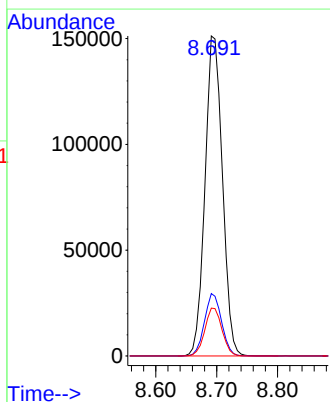
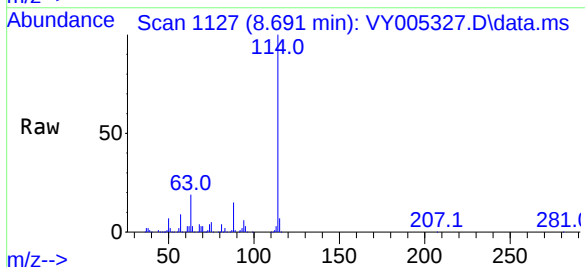
Instrument :
MSVOA_Y
ClientSampled :
P-D20

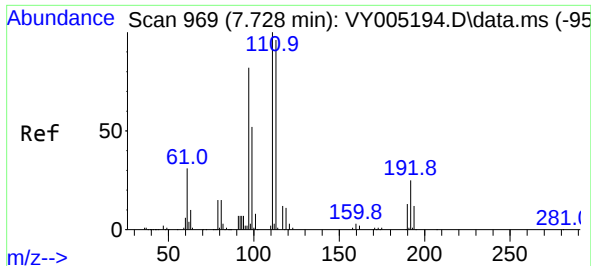
Tgt Ion: 65 Resp: 107549
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005327.D
Acq: 01 Jul 2021 20:17

Tgt Ion: 114 Resp: 300172
Ion Ratio Lower Upper
114 100
63 19.5 0.0 35.2
88 15.0 0.0 29.4

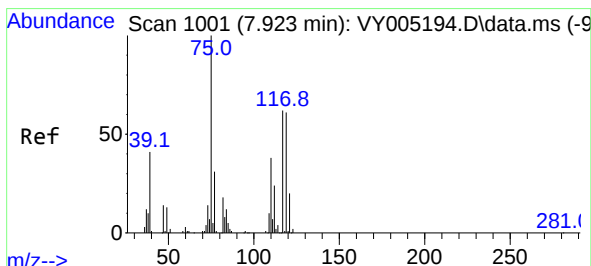
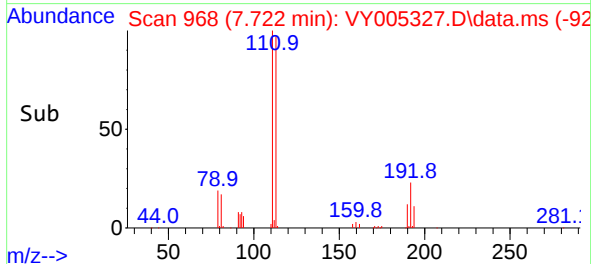
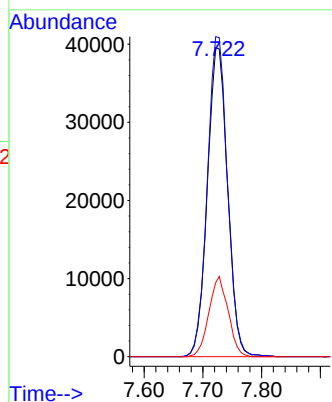
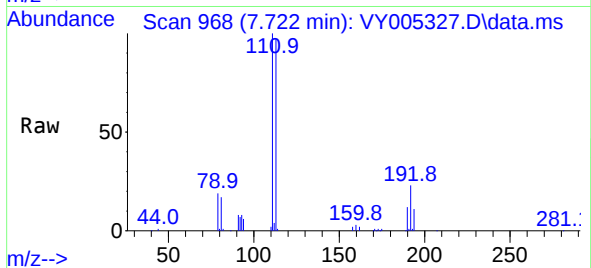




#35
Dibromofluoromethane
Concen: 53.534 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005327.D
Acq: 01 Jul 2021 20:17

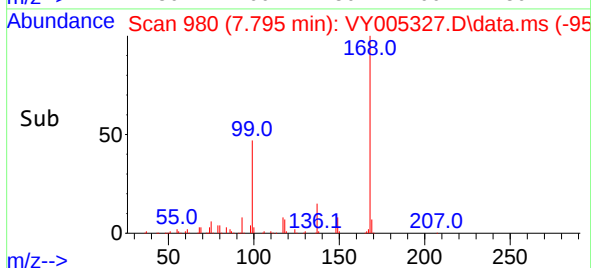
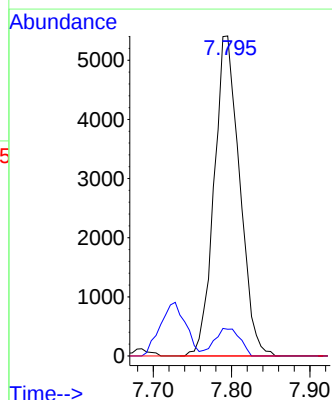
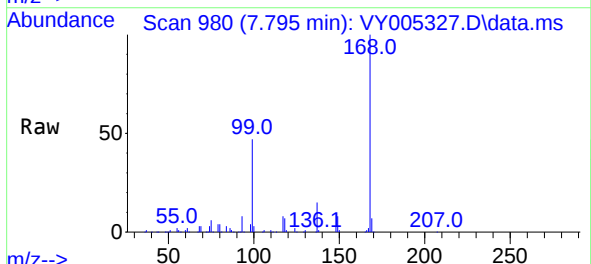
Instrument :
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ClientSampleId :
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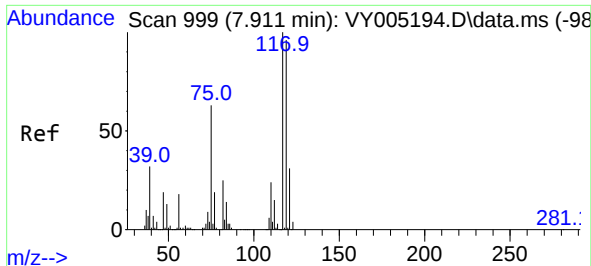
Tgt Ion:113 Resp: 94770
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 24.6 20.2 30.2



#36
1,1-Dichloropropene
Concen: 4.635 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005327.D
Acq: 01 Jul 2021 20:17

Tgt Ion: 75 Resp: 12252
Ion Ratio Lower Upper
75 100
110 8.7 19.1 57.5#
77 0.0 25.2 37.8#

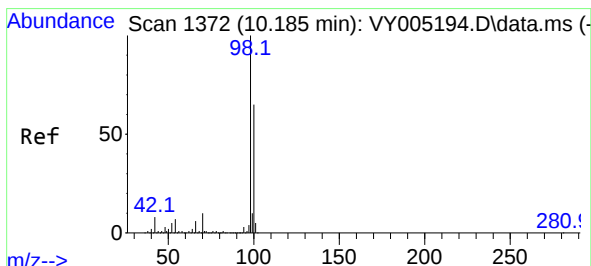
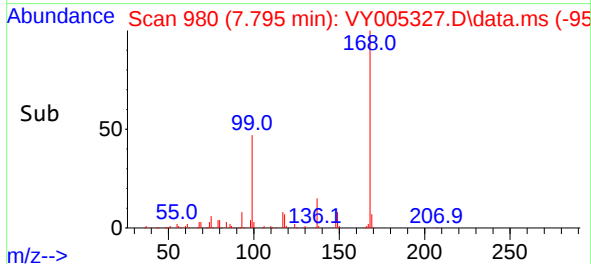
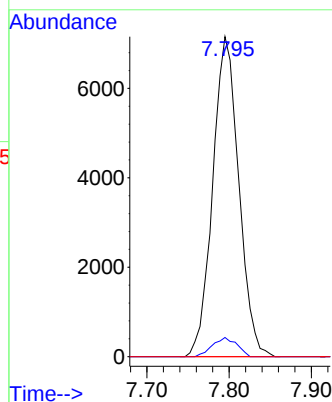
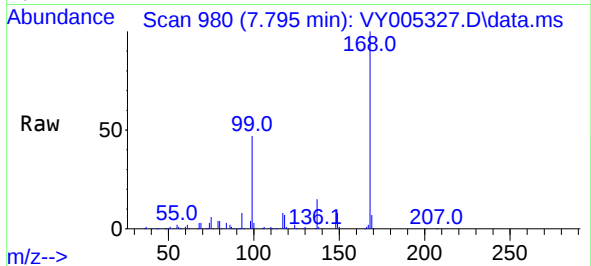




#38
Carbon Tetrachloride
Concen: 5.707 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005327.D
Acq: 01 Jul 2021 20:17

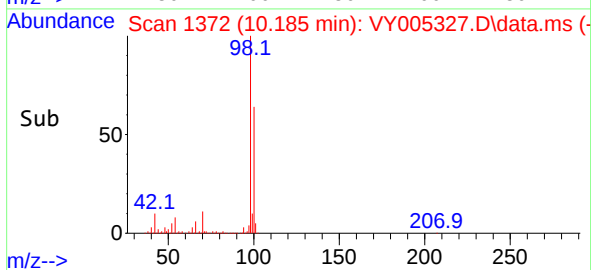
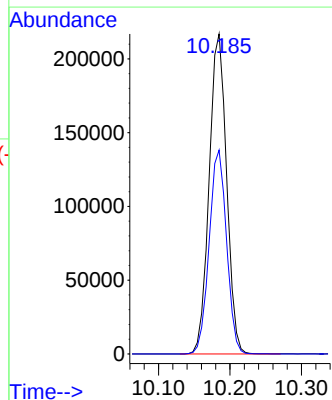
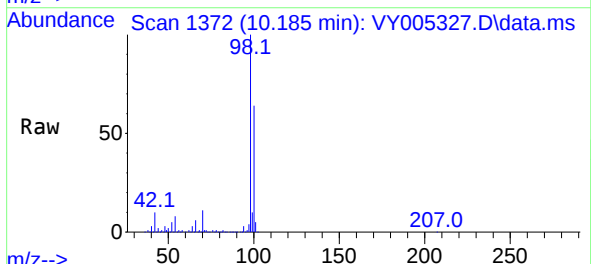
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P-D20

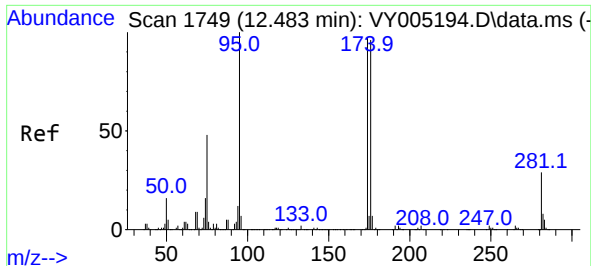
Tgt Ion:117 Resp: 15791
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.841 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005327.D
Acq: 01 Jul 2021 20:17

Tgt Ion: 98 Resp: 367010
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9

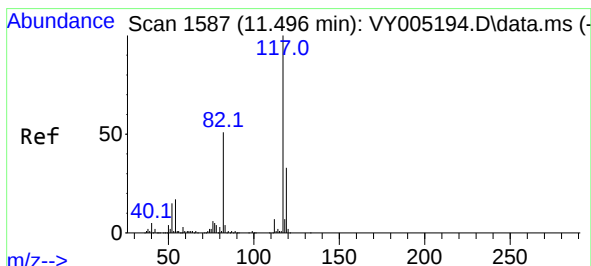
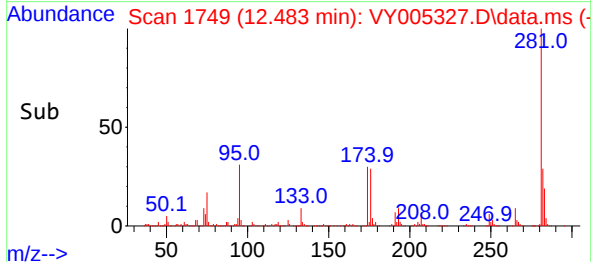
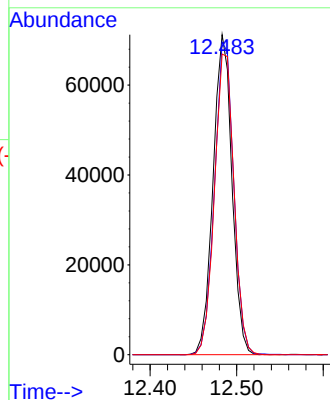
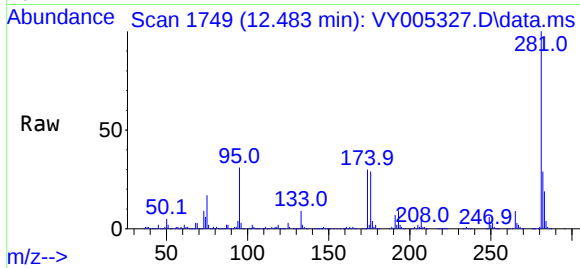




#62
4-Bromofluorobenzene
Concen: 45.654 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005327.D
Acq: 01 Jul 2021 20:17

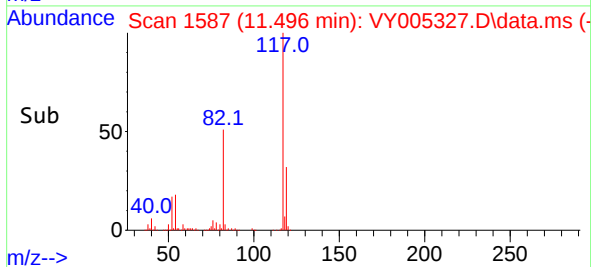
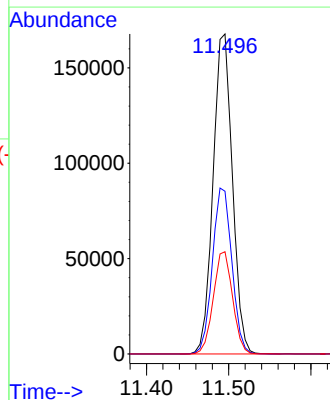
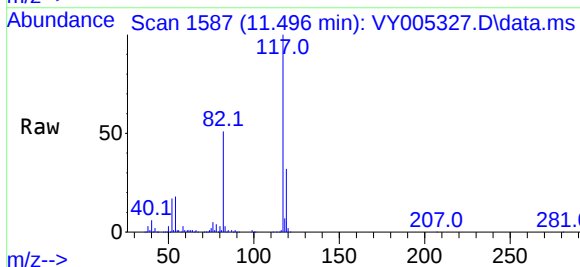
Instrument :
MSVOA_Y
ClientSampled :
P-D20

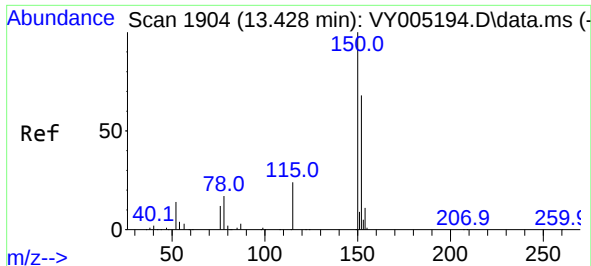
Tgt Ion: 95 Resp: 107702
Ion Ratio Lower Upper
95 100
174 99.1 0.0 201.6
176 97.4 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005327.D
Acq: 01 Jul 2021 20:17

Tgt Ion: 117 Resp: 273876
Ion Ratio Lower Upper
117 100
82 50.8 40.6 60.8
119 32.0 26.1 39.1

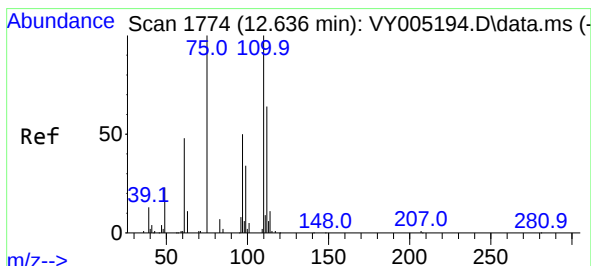
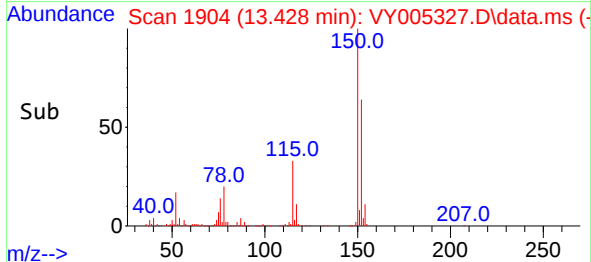
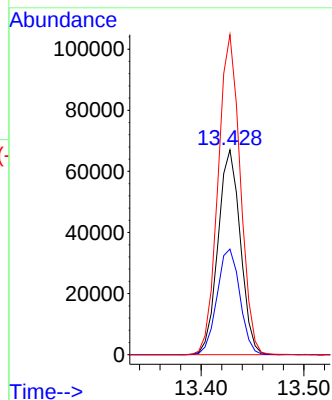
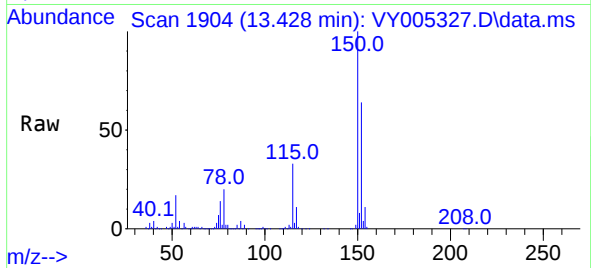




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005327.D
Acq: 01 Jul 2021 20:17

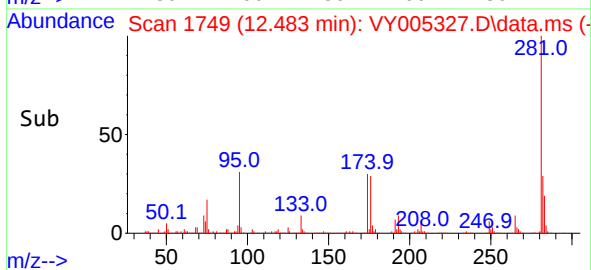
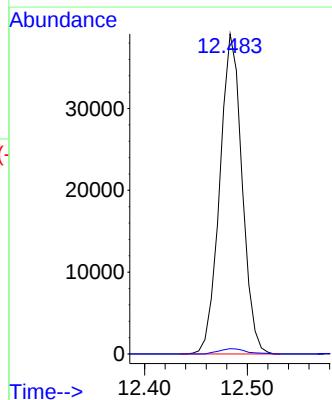
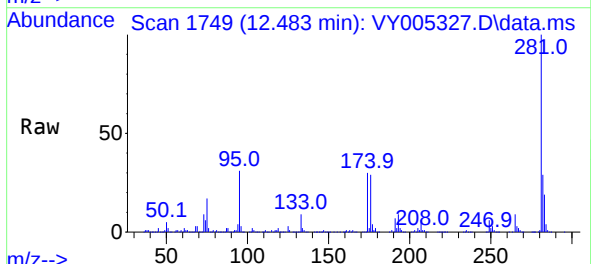
Instrument :
MSVOA_Y
ClientSampled :
P-D20

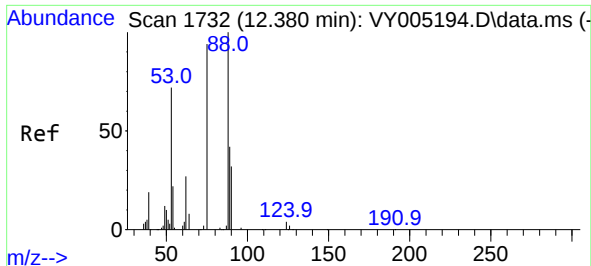
Tgt Ion:152 Resp: 101180
Ion Ratio Lower Upper
152 100
115 52.8 26.3 78.8
150 155.3 0.0 344.2



#76
1,2,3-Trichloropropane
Concen: 65.645 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005327.D
Acq: 01 Jul 2021 20:17

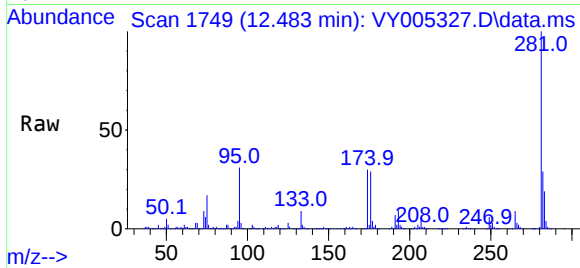
Tgt Ion: 75 Resp: 58907
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 122.479 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005327.D
Acq: 01 Jul 2021 20:17

Instrument :
MSVOA_Y
ClientSampleId :
P-D20



Tgt Ion: 75 Resp: 58907
Ion Ratio Lower Upper
75 100
53 0.2 63.0 94.4#
89 3.8 38.0 57.0#

