

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070121\
 Data File : VY005320.D
 Acq On : 01 Jul 2021 17:35
 Operator : SY/MD
 Sample : M2913-01
 Misc : 6.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-2500

Quant Time: Jul 02 05:17:56 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)

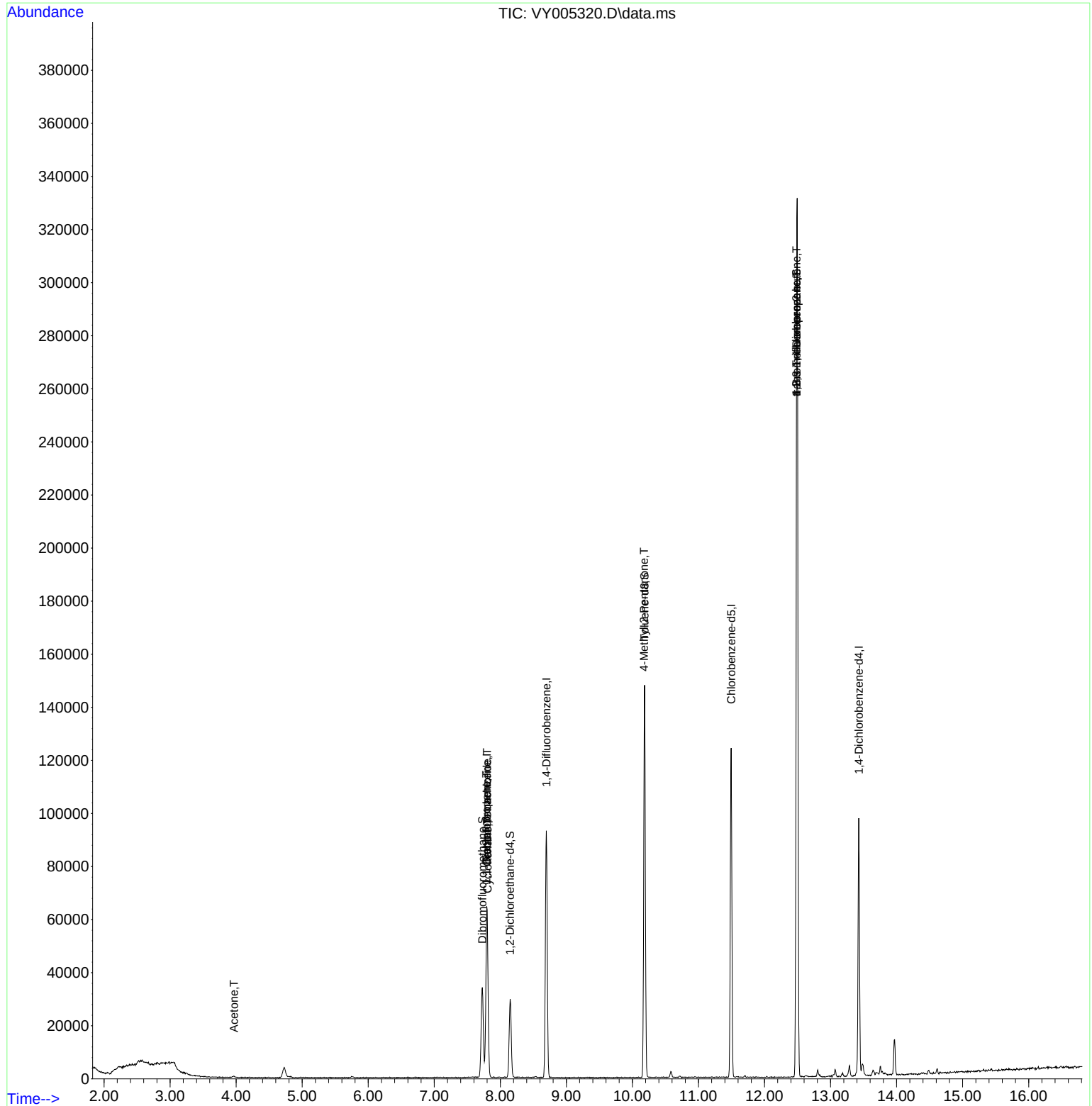
Internal Standards						
1) Pentafluorobenzene	7.795	168	54892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	80628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	70016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	26354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	23147	50.814	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.620%
35) Dibromofluoromethane	7.728	113	23786	50.022	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.040%
50) Toluene-d8	10.185	98	97957	51.513	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.020%
62) 4-Bromofluorobenzene	12.483	95	25840	40.779	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.560%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.978	59	90	Below Cal	#	77
16) Acetone	3.966	43	862	8.191	ug/l #	70
20) Methylene Chloride	4.728	84	2946	Below Cal		92
31) Cyclohexane	7.807	56	892	1.097	ug/l #	27
36) 1,1-Dichloropropene	7.789	75	3776	5.318	ug/l #	48
38) Carbon Tetrachloride	7.801	117	5027	6.764	ug/l #	16
51) 4-Methyl-2-Pentanone	10.178	43	367	1.042	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	14278	61.087	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	14278	113.975	ug/l #	19

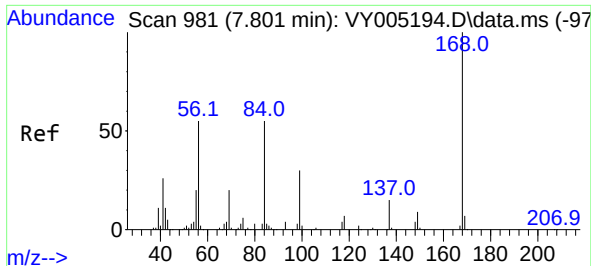
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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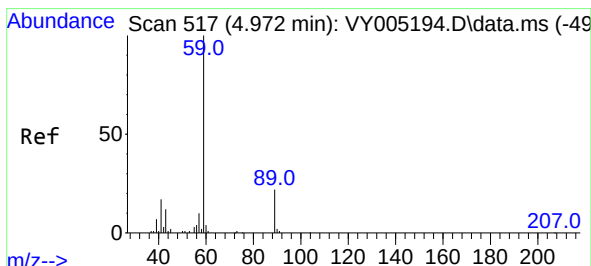
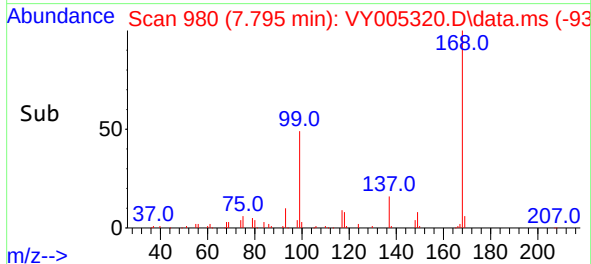
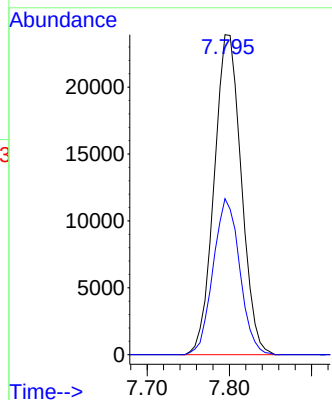
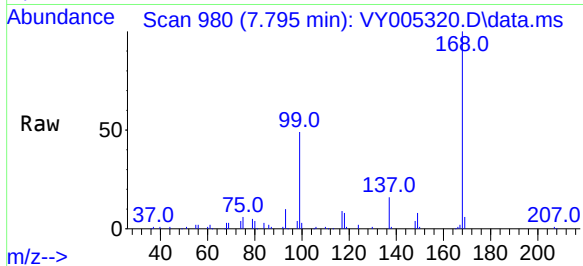




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005320.D
Acq: 01 Jul 2021 17:35

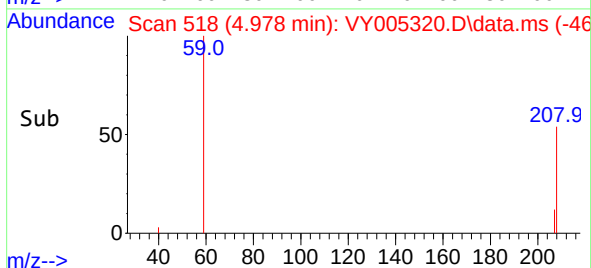
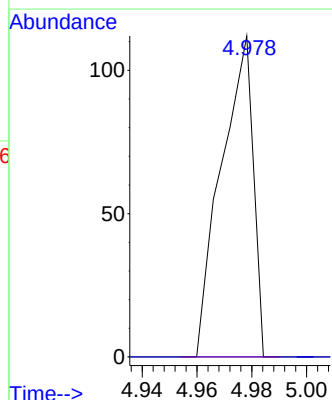
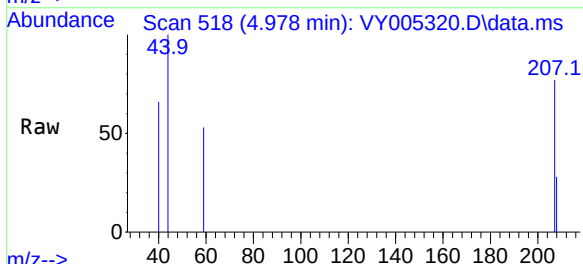
Instrument :
MSVOA_Y
ClientSampleId :
D-2500

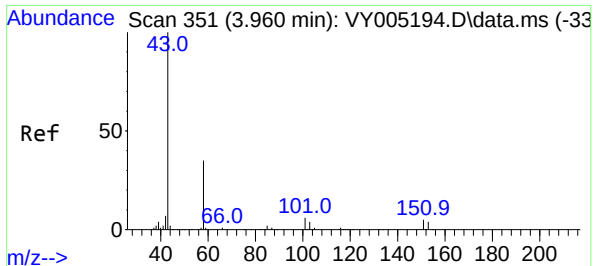
Tgt Ion:168 Resp: 54892
Ion Ratio Lower Upper
168 100
99 48.8 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.978 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY005320.D
Acq: 01 Jul 2021 17:35

Tgt Ion: 59 Resp: 90
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

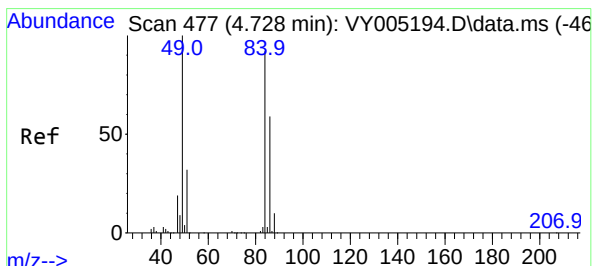
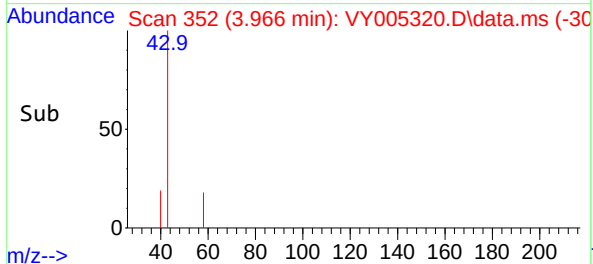
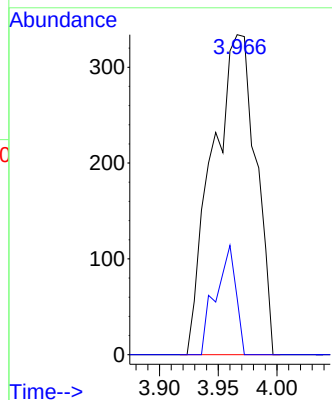
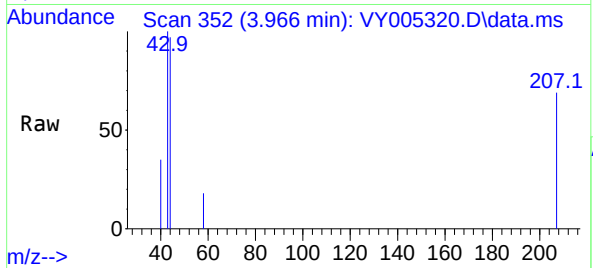




#16
Acetone
Concen: 8.191 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005320.D
Acq: 01 Jul 2021 17:35

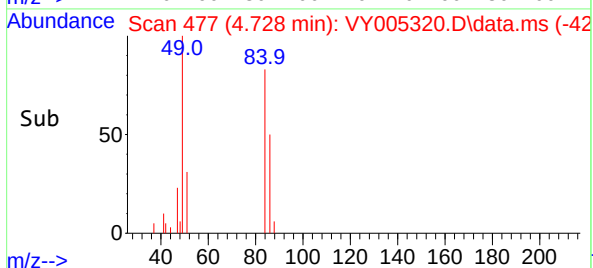
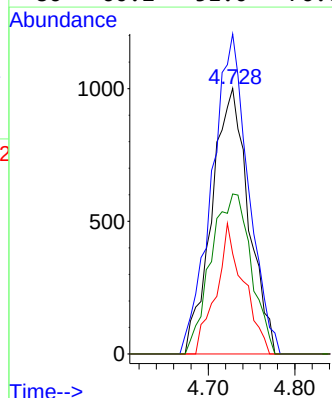
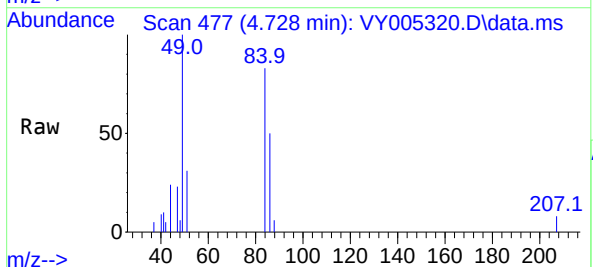
Instrument :
MSVOA_Y
ClientSampled :
D-2500

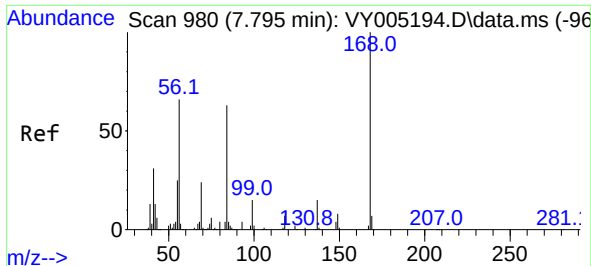
Tgt Ion: 43 Resp: 862
Ion Ratio Lower Upper
43 100
58 17.7 28.2 42.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY005320.D
Acq: 01 Jul 2021 17:35

Tgt Ion: 84 Resp: 2946
Ion Ratio Lower Upper
84 100
49 120.5 86.9 130.3
51 37.8 27.4 41.2
86 60.2 51.0 76.6

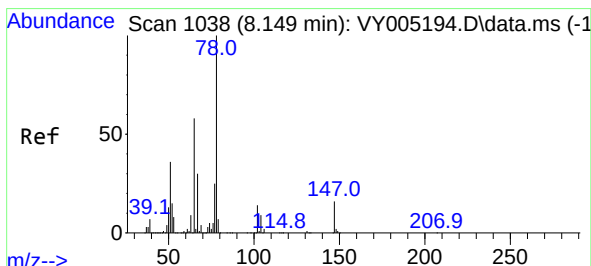
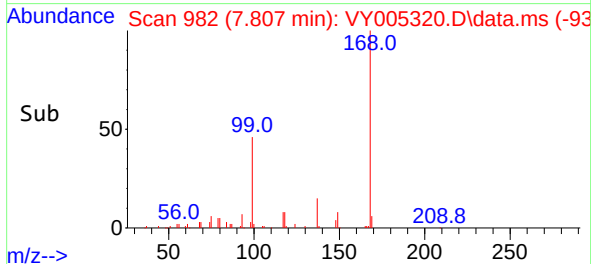
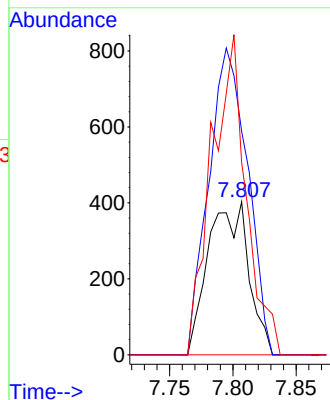
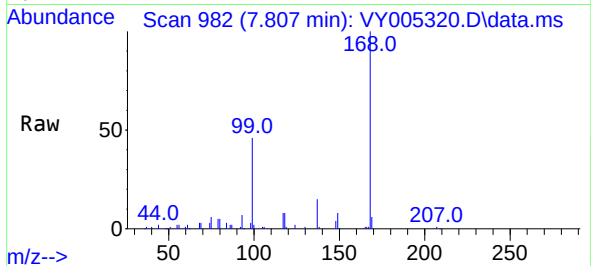




#31
Cyclohexane
Concen: 1.097 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY005320.D
Acq: 01 Jul 2021 17:35

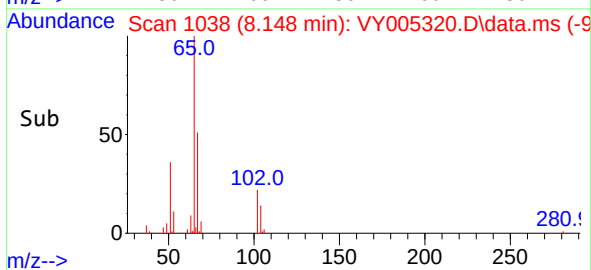
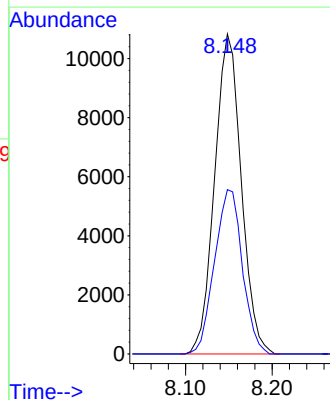
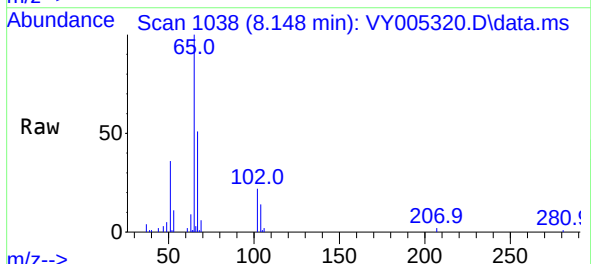
Instrument :
MSVOA_Y
ClientSampleId :
D-2500

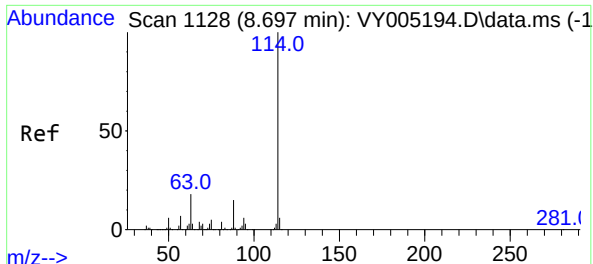
Tgt Ion: 56 Resp: 892
Ion Ratio Lower Upper
56 100
69 146.2 29.6 44.4#
84 125.6 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 50.814 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005320.D
Acq: 01 Jul 2021 17:35

Tgt Ion: 65 Resp: 23147
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.6

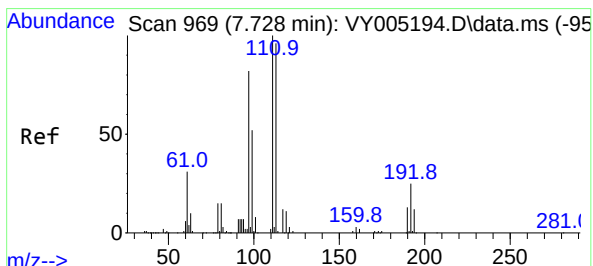
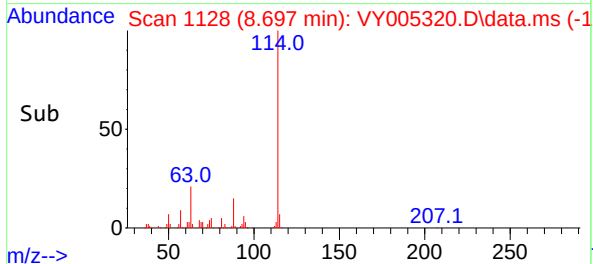
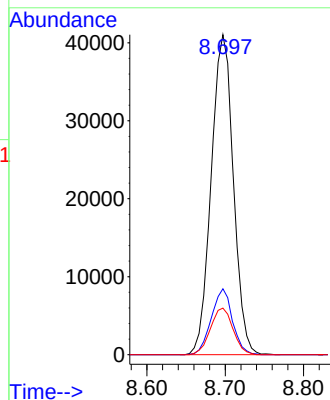
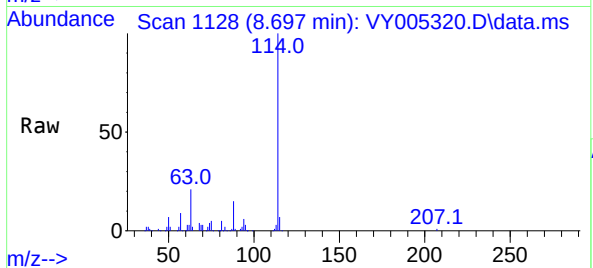




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005320.D
Acq: 01 Jul 2021 17:35

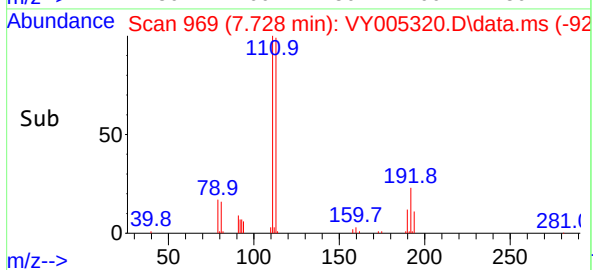
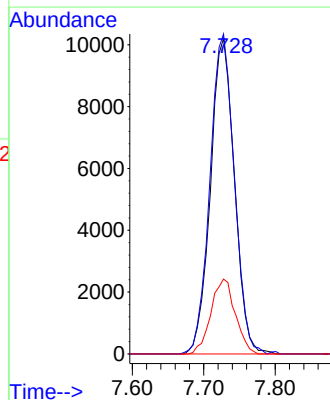
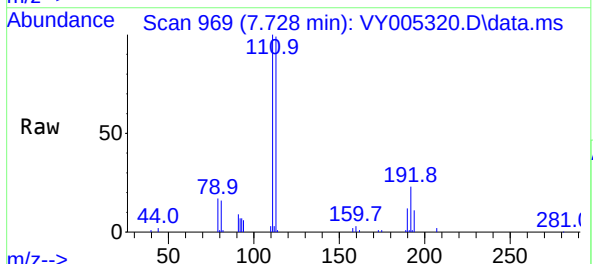
Instrument :
MSVOA_Y
ClientSampleId :
D-2500

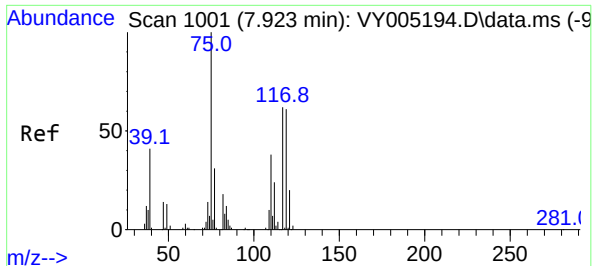
Tgt Ion:	114	Resp:	80628
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	35.2
88	14.5	0.0	29.4



#35
Dibromofluoromethane
Concen: 50.022 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005320.D
Acq: 01 Jul 2021 17:35

Tgt Ion:	113	Resp:	23786
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	124.0
192	24.1	20.2	30.2

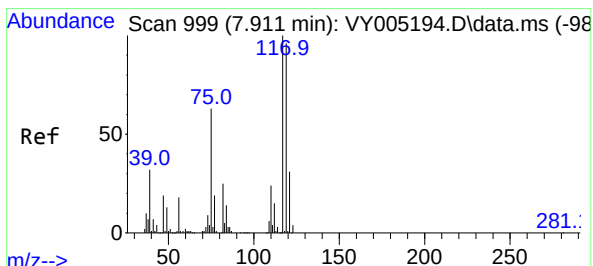
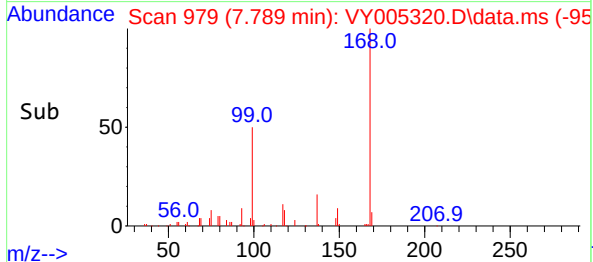
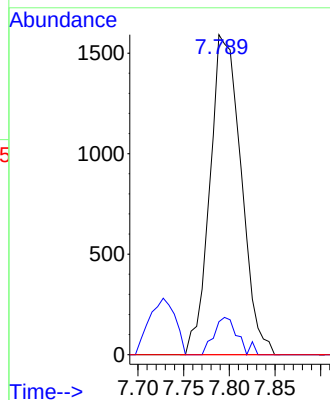
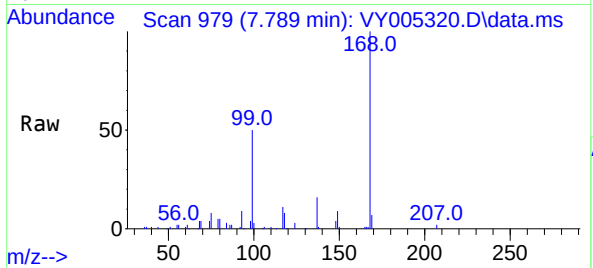




#36
1,1-Dichloropropene
Concen: 5.318 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY005320.D
Acq: 01 Jul 2021 17:35

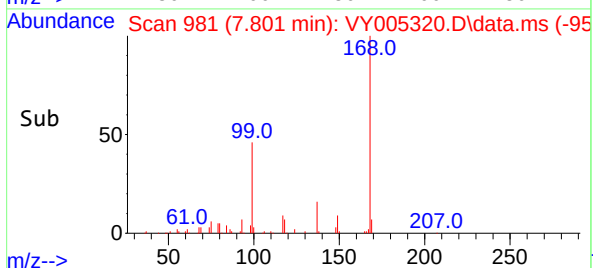
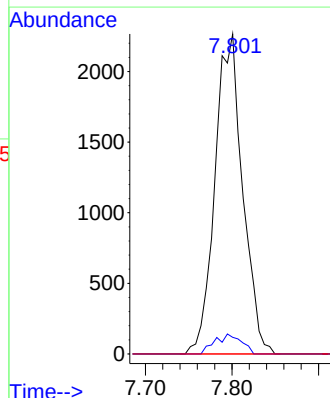
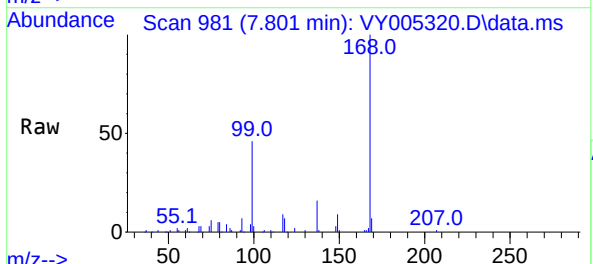
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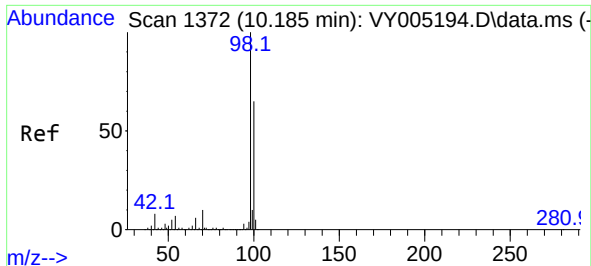
Tgt Ion: 75 Resp: 3776
Ion Ratio Lower Upper
75 100
110 8.9 19.1 57.5#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 6.764 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005320.D
Acq: 01 Jul 2021 17:35

Tgt Ion: 117 Resp: 5027
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.4#
121 0.0 24.7 37.1#

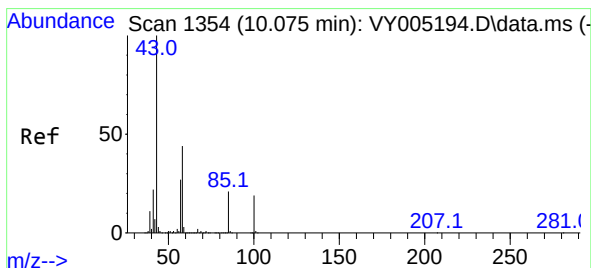
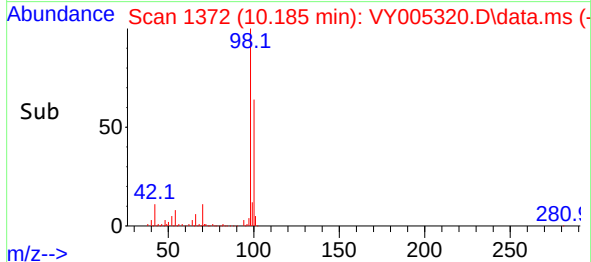
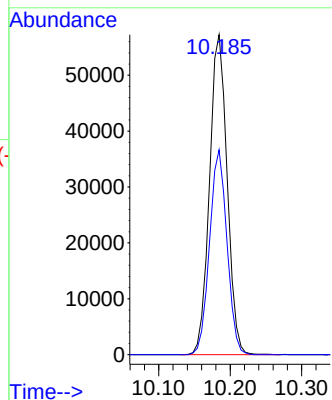
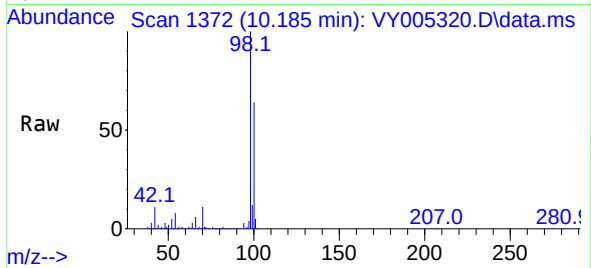




#50
Toluene-d8
Concen: 51.513 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005320.D
Acq: 01 Jul 2021 17:35

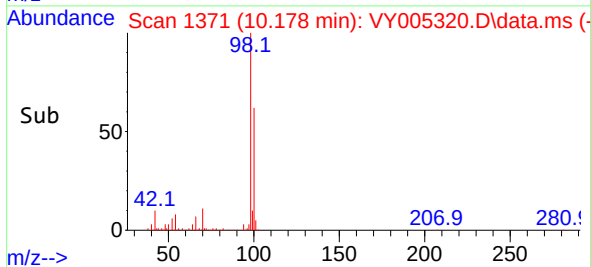
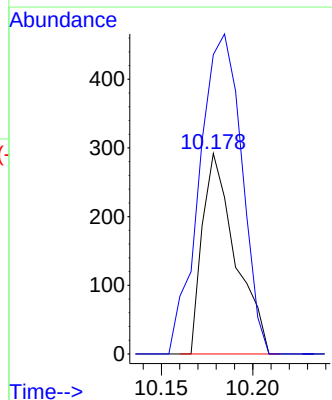
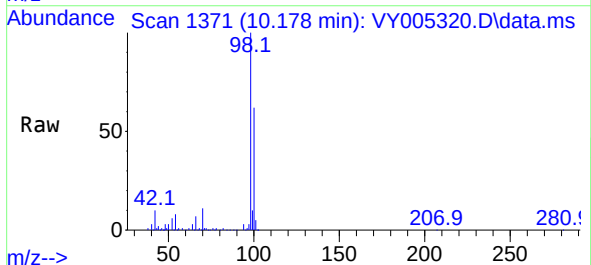
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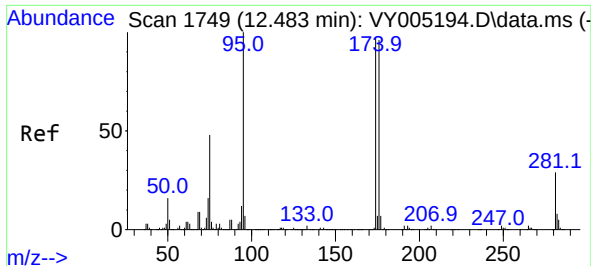
Tgt Ion: 98 Resp: 97957
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.042 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.103 min
Lab File: VY005320.D
Acq: 01 Jul 2021 17:35

Tgt Ion: 43 Resp: 367
Ion Ratio Lower Upper
43 100
58 204.6 35.3 52.9#

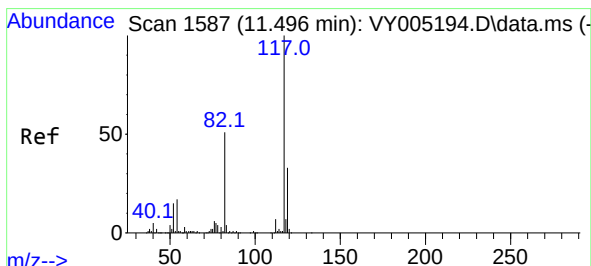
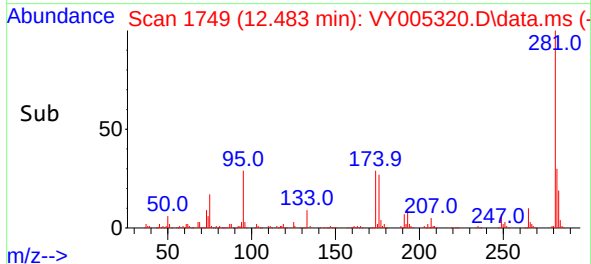
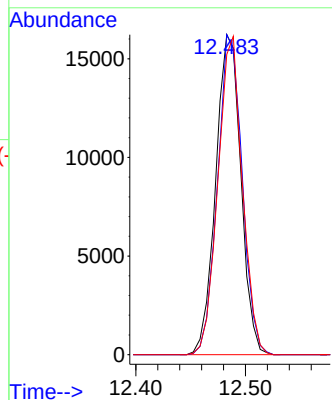
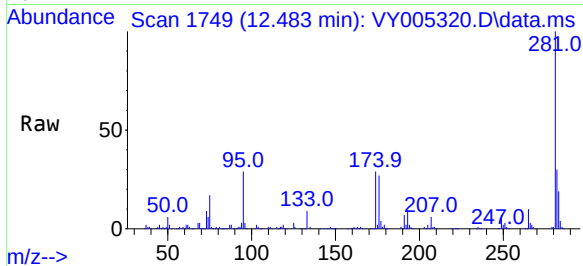




#62
4-Bromofluorobenzene
Concen: 40.779 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005320.D
Acq: 01 Jul 2021 17:35

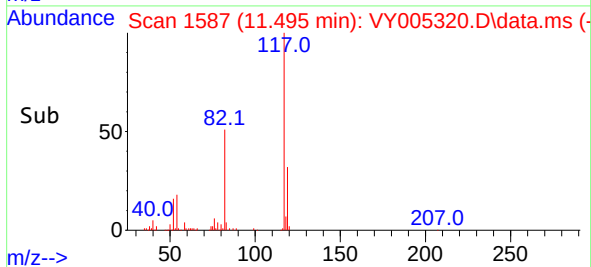
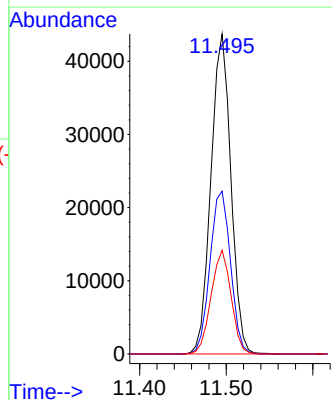
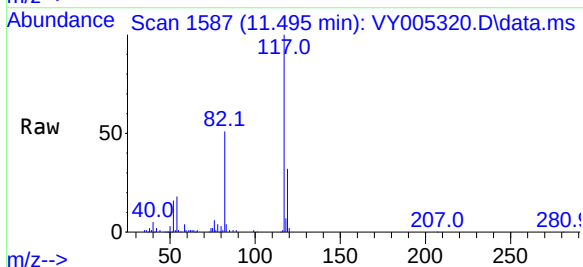
Instrument :
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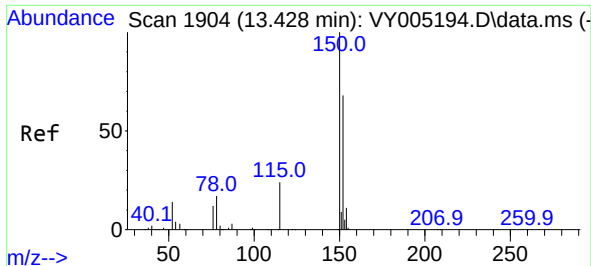
Tgt Ion:	95	Resp:	25840
Ion Ratio	Lower	Upper	
95	100		
174	97.9	0.0	201.6
176	96.5	0.0	197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005320.D
Acq: 01 Jul 2021 17:35

Tgt Ion:	117	Resp:	70016
Ion Ratio	Lower	Upper	
117	100		
82	50.8	40.6	60.8
119	32.4	26.1	39.1

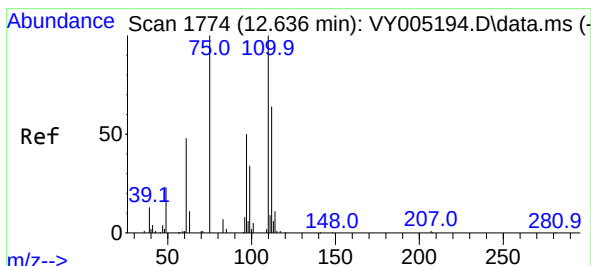
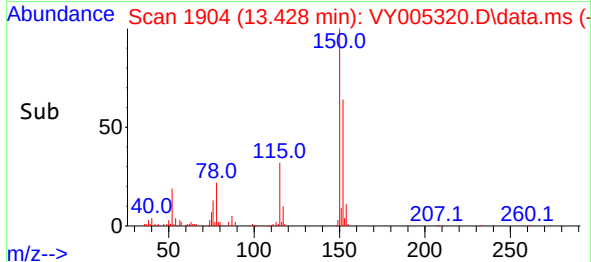
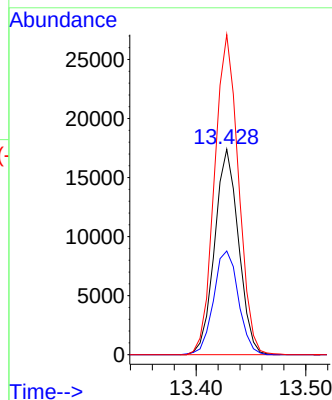
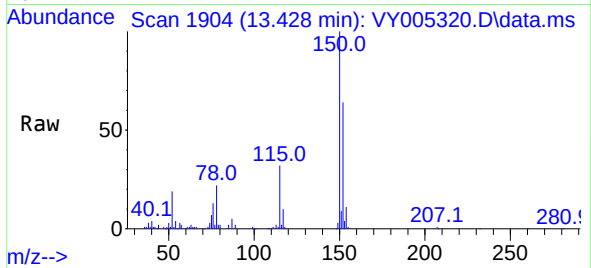




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005320.D
Acq: 01 Jul 2021 17:35

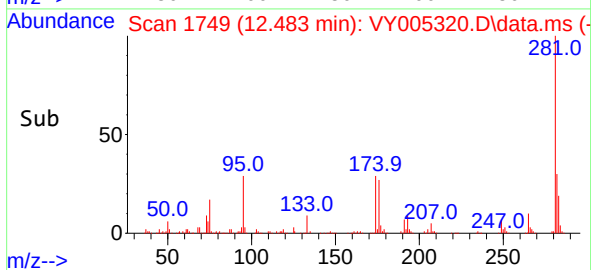
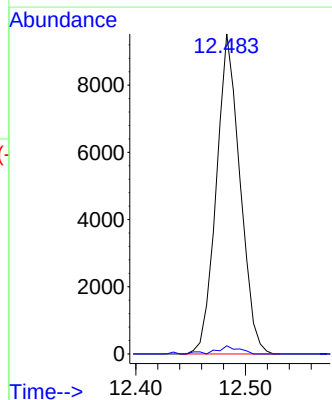
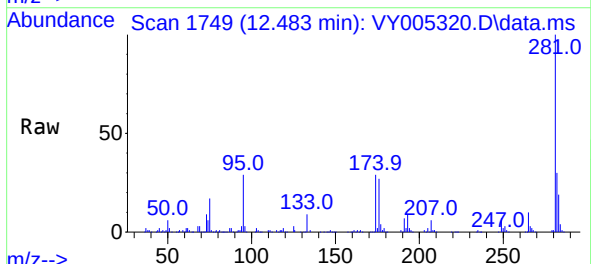
Instrument :
MSVOA_Y
ClientSampleId :
D-2500

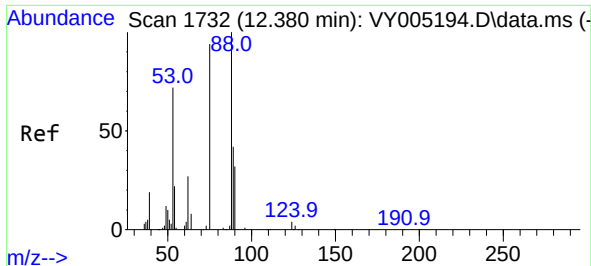
Tgt Ion:152 Resp: 26354
Ion Ratio Lower Upper
152 100
115 52.5 26.3 78.8
150 156.6 0.0 344.2



#76
1,2,3-Trichloropropane
Concen: 61.087 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005320.D
Acq: 01 Jul 2021 17:35

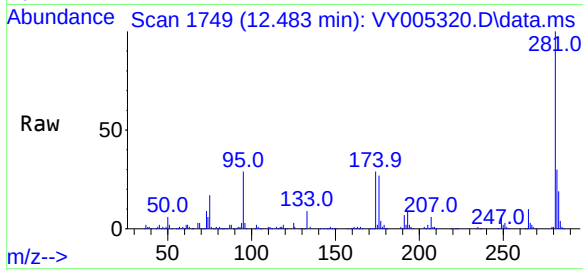
Tgt Ion: 75 Resp: 14278
Ion Ratio Lower Upper
75 100
77 2.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 113.975 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005320.D
Acq: 01 Jul 2021 17:35

Instrument :
MSVOA_Y
ClientSampleId :
D-2500



Tgt Ion: 75 Resp: 14278
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 3.7 38.0 57.0#

