

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
 Data File : VY005239.D
 Acq On : 28 Jun 2021 11:06
 Operator : SY/MD
 Sample : VY0628SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0628SBL01

Quant Time: Jun 29 01:14:00 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)

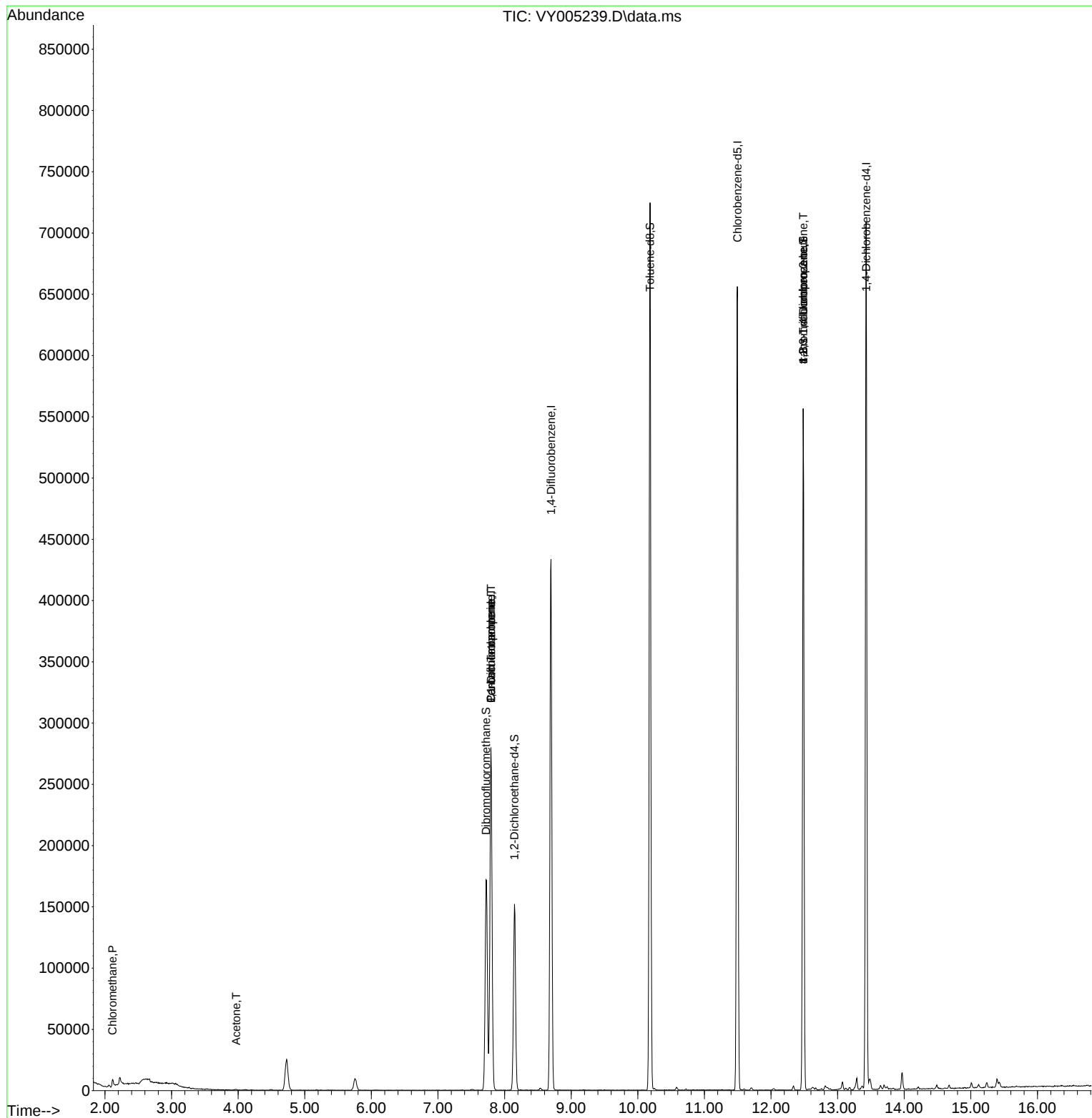
Internal Standards						
1) Pentafluorobenzene	7.795	168	245369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	396740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	394188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	197278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	118146	58.023	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.040%	
35) Dibromofluoromethane	7.722	113	122810	52.488	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.980%	
50) Toluene-d8	10.185	98	479536	51.249	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.500%	
62) 4-Bromofluorobenzene	12.483	95	165763	53.163	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.320%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	4879	2.271	ug/l	99
11) Tert butyl alcohol	4.984	59	21	Below Cal	#	77
16) Acetone	3.972	43	907	1.928	ug/l #	85
20) Methylene Chloride	4.728	84	20877	Below Cal		96
36) 1,1-Dichloropropene	7.795	75	14488	4.147	ug/l #	48
38) Carbon Tetrachloride	7.795	117	19984	5.464	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	77683	44.400	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	77683	82.839	ug/l #	17

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

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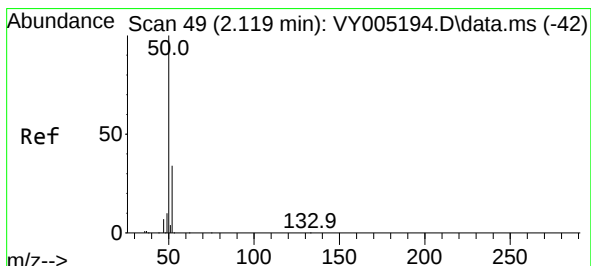
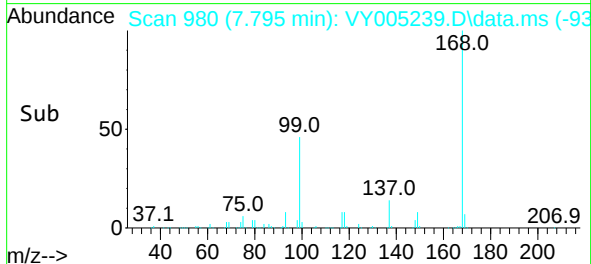
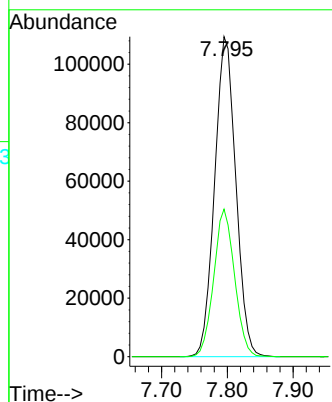
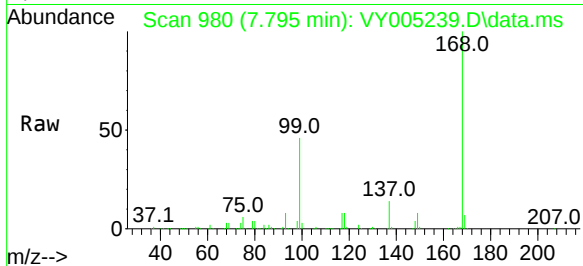




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005239.D
Acq: 28 Jun 2021 11:06

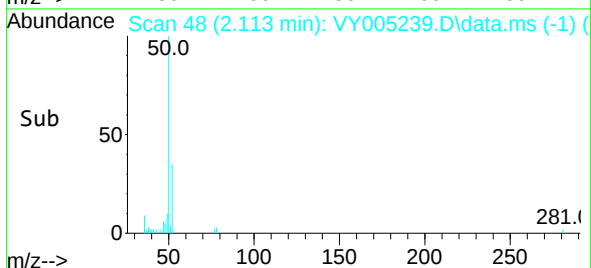
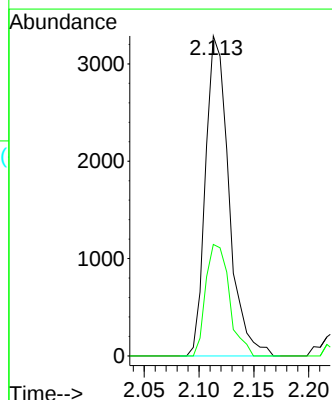
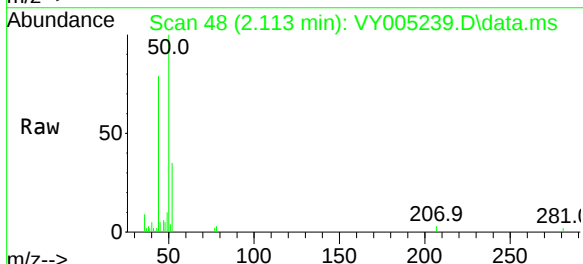
Instrument :
MSVOA_Y
ClientSampleId :
VY0628SBL01

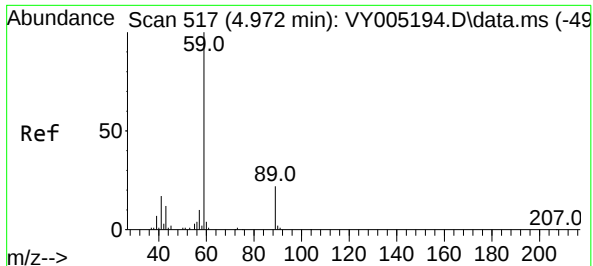
Tgt Ion:168 Resp: 245369
Ion Ratio Lower Upper
168 100
99 46.1 36.2 54.4



#3
Chloromethane
Concen: 2.271 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY005239.D
Acq: 28 Jun 2021 11:06

Tgt Ion: 50 Resp: 4879
Ion Ratio Lower Upper
50 100
52 34.9 27.4 41.2



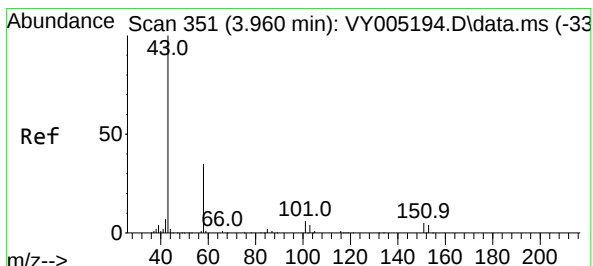
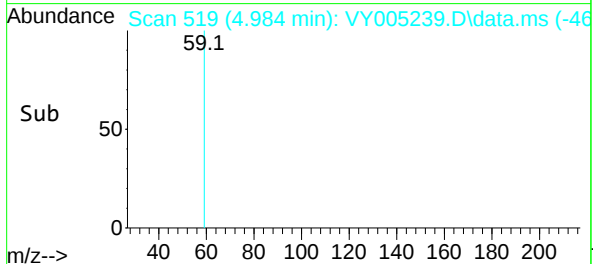
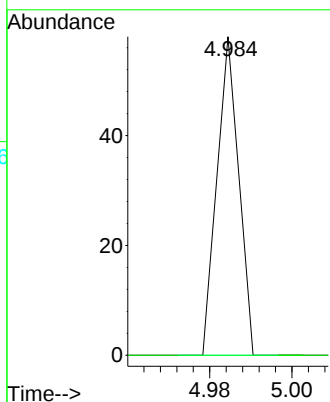
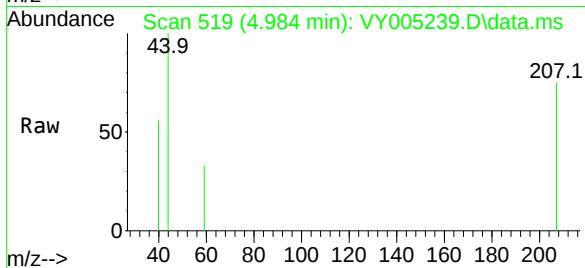


#11

Tert butyl alcohol
Concen: Below Cal
RT: 4.984 min Scan# 519
Delta R.T. 0.012 min
Lab File: VY005239.D
Acq: 28 Jun 2021 11:06

Instrument :
MSVOA_Y
ClientSampleId :
VY0628SBL01

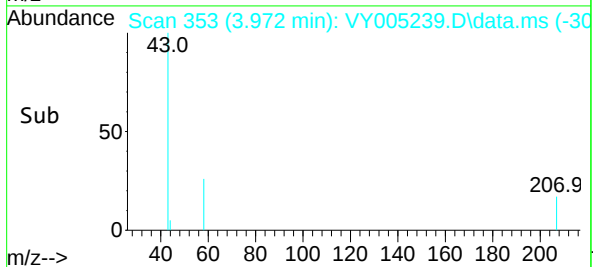
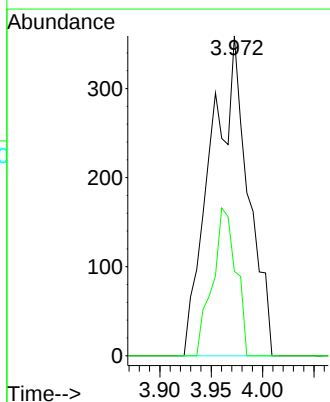
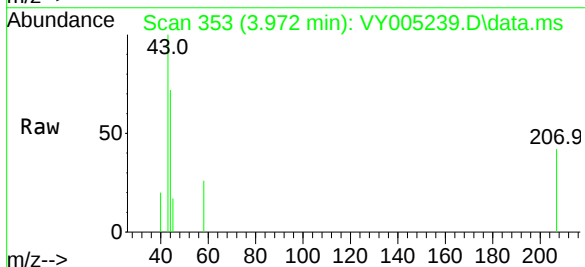
Tgt Ion: 59 Resp: 21
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

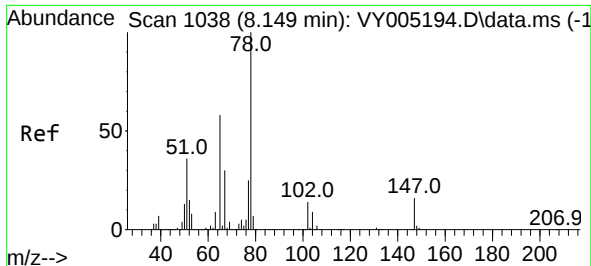


#16

Acetone
Concen: 1.928 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY005239.D
Acq: 28 Jun 2021 11:06

Tgt Ion: 43 Resp: 907
Ion Ratio Lower Upper
43 100
58 26.5 28.2 42.2#

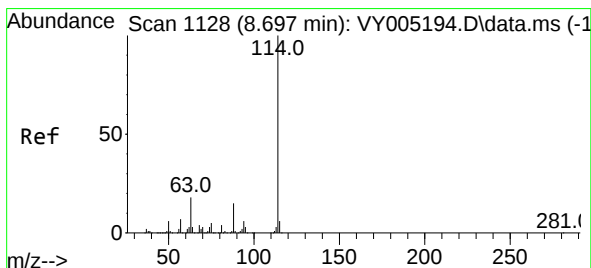
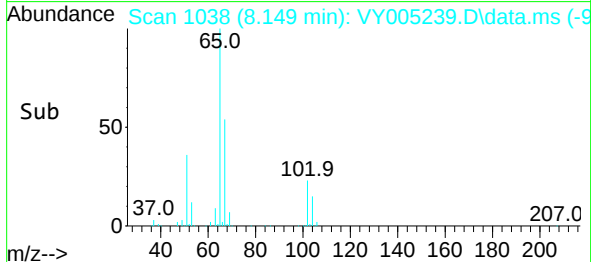
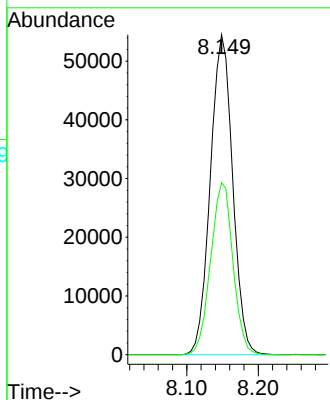
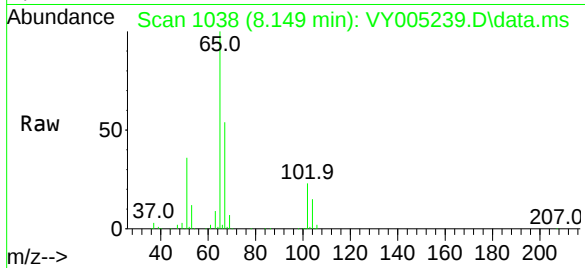




#33
1,2-Dichloroethane-d4
Concen: 58.023 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005239.D
Acq: 28 Jun 2021 11:06

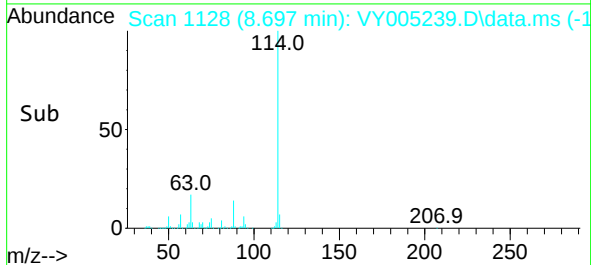
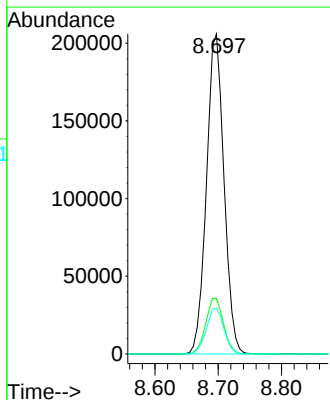
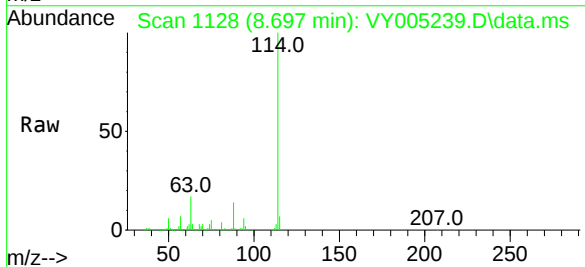
Instrument :
MSVOA_Y
ClientSampleId :
VY0628SBL01

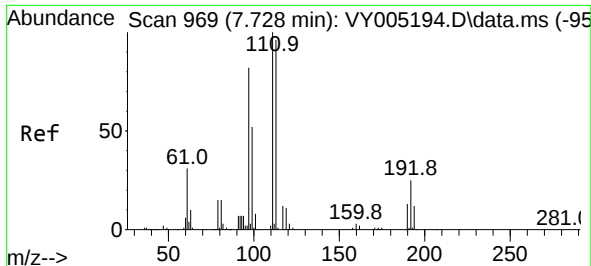
Tgt Ion: 65 Resp: 118146
Ion Ratio Lower Upper
65 100
67 53.7 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005239.D
Acq: 28 Jun 2021 11:06

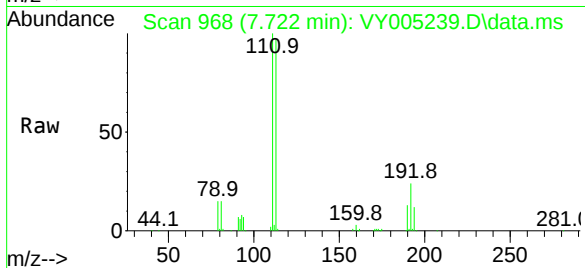
Tgt Ion: 114 Resp: 396740
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.2
88 14.2 0.0 29.4



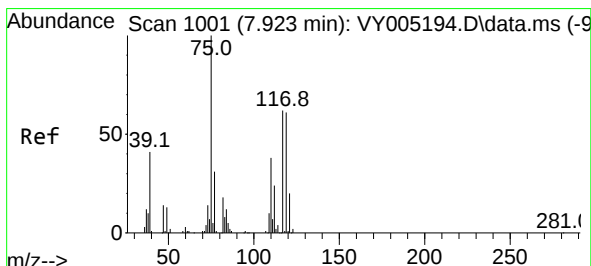
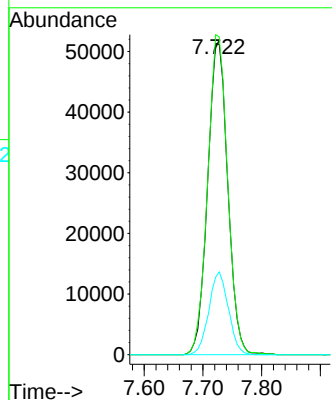
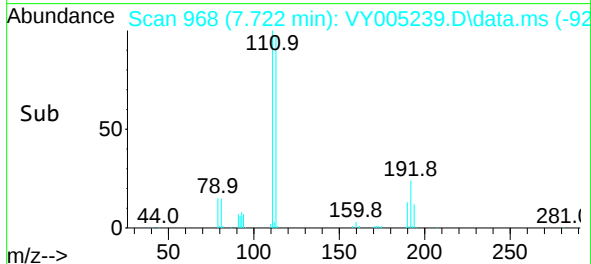


#35
Dibromofluoromethane
Concen: 52.488 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005239.D
Acq: 28 Jun 2021 11:06

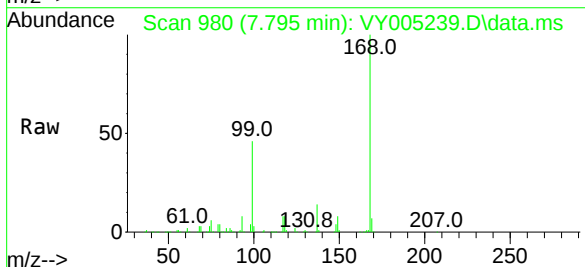
Instrument :
MSVOA_Y
ClientSampleId :
VY0628SBL01



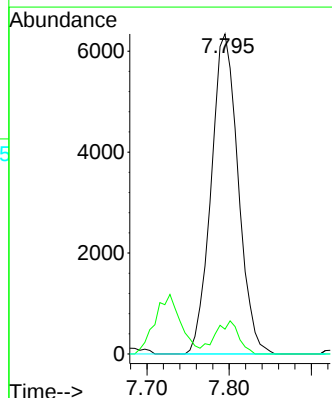
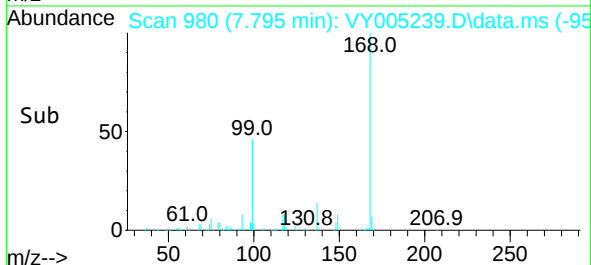
Tgt Ion: 113 Resp: 122810
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 25.6 20.2 30.2

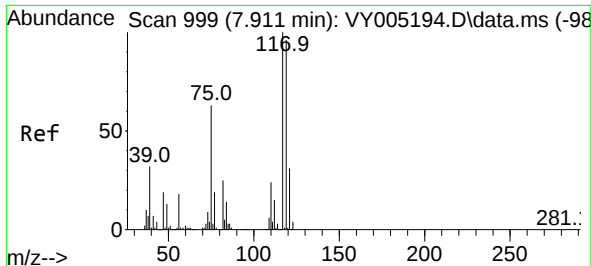


#36
1,1-Dichloropropene
Concen: 4.147 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005239.D
Acq: 28 Jun 2021 11:06



Tgt Ion: 75 Resp: 14488
Ion Ratio Lower Upper
75 100
110 8.9 19.1 57.5#
77 0.0 25.2 37.8#

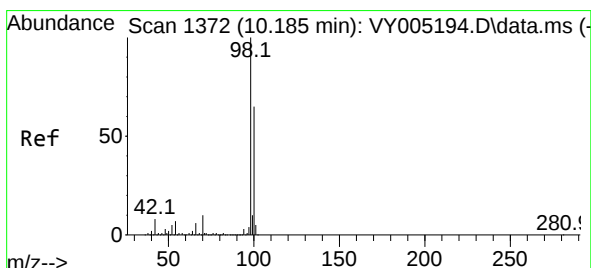
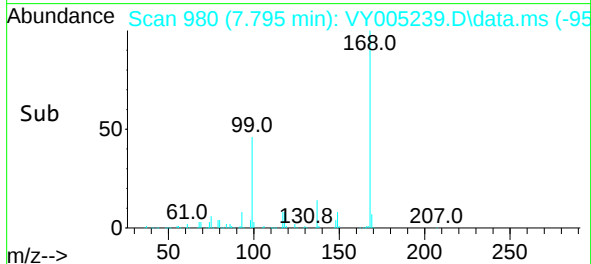
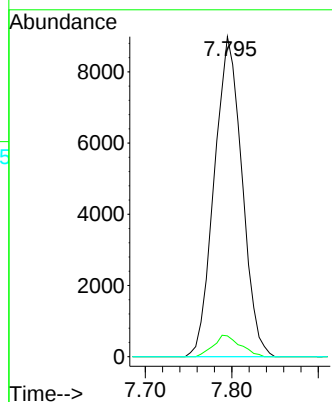
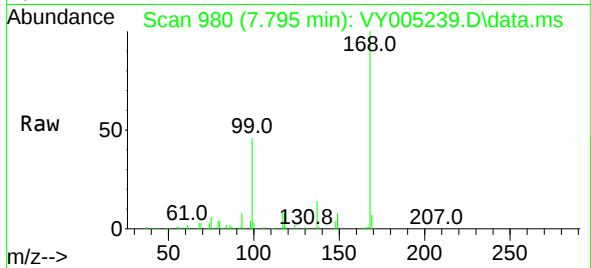




#38
Carbon Tetrachloride
Concen: 5.464 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005239.D
Acq: 28 Jun 2021 11:06

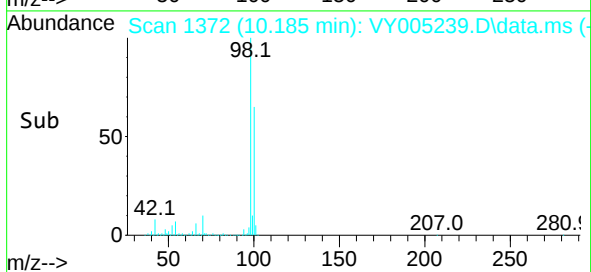
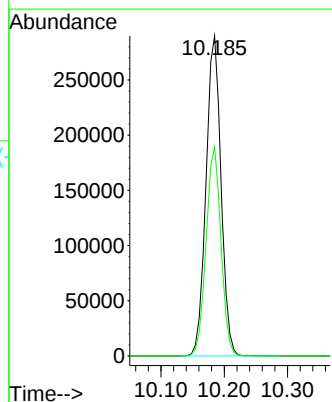
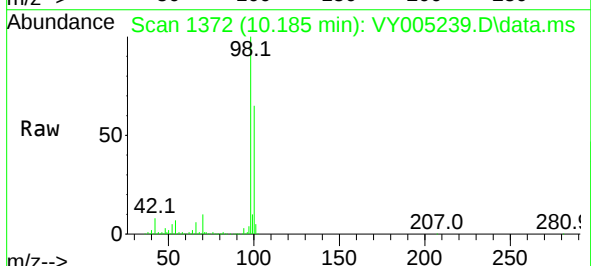
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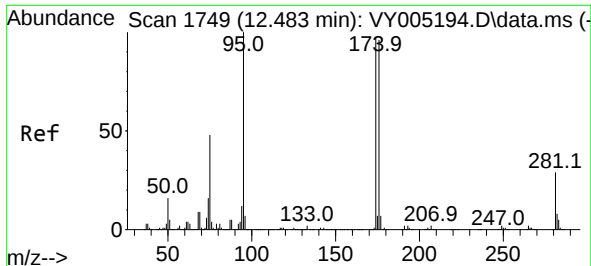
Tgt Ion:117 Resp: 19984
Ion Ratio Lower Upper
117 100
119 6.5 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.249 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005239.D
Acq: 28 Jun 2021 11:06

Tgt Ion: 98 Resp: 479536
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

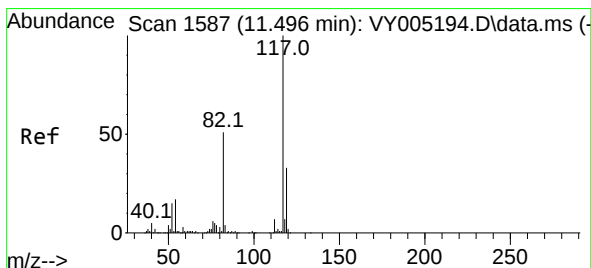
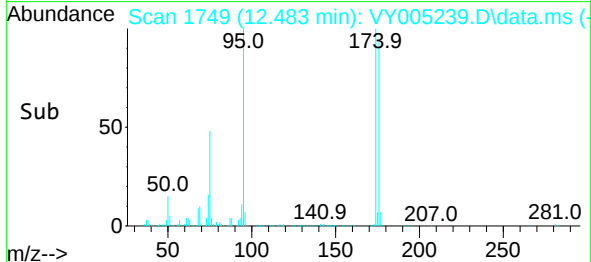
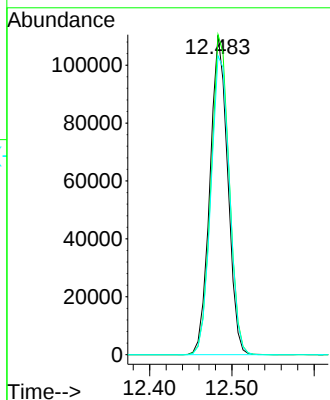
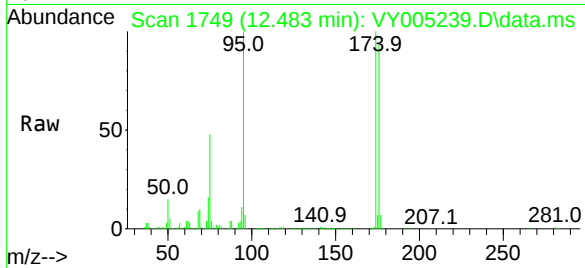




#62
4-Bromofluorobenzene
Concen: 53.163 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005239.D
Acq: 28 Jun 2021 11:06

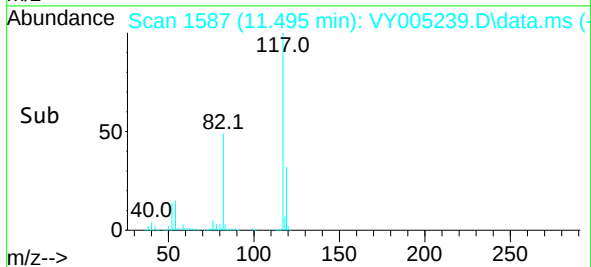
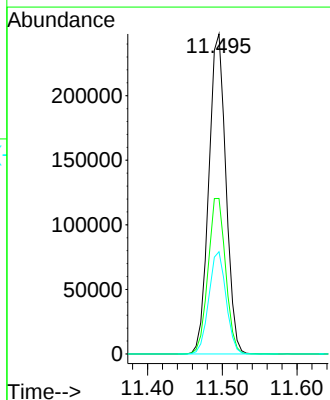
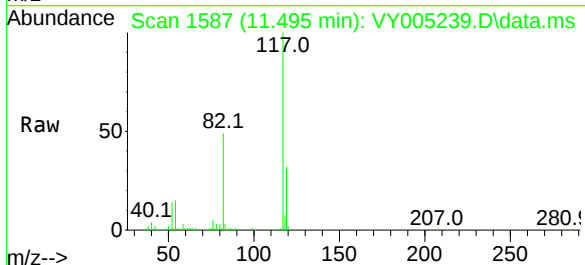
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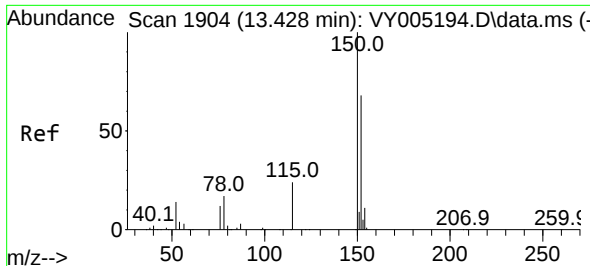
Tgt Ion: 95 Resp: 165763
Ion Ratio Lower Upper
95 100
174 101.9 0.0 201.6
176 97.5 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005239.D
Acq: 28 Jun 2021 11:06

Tgt Ion: 117 Resp: 394188
Ion Ratio Lower Upper
117 100
82 48.6 40.6 60.8
119 31.9 26.1 39.1

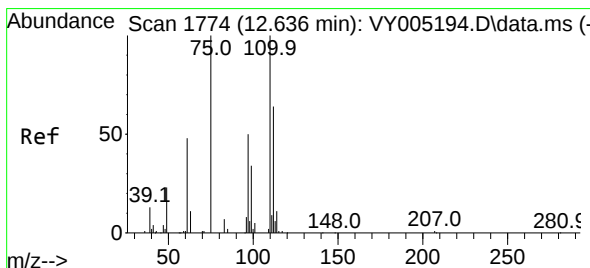
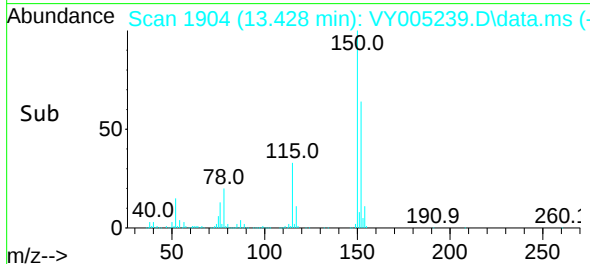
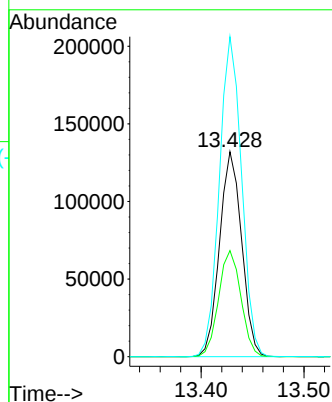
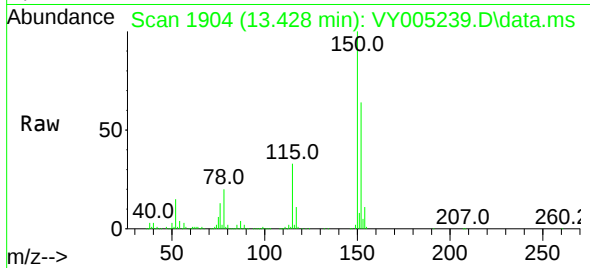




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005239.D
Acq: 28 Jun 2021 11:06

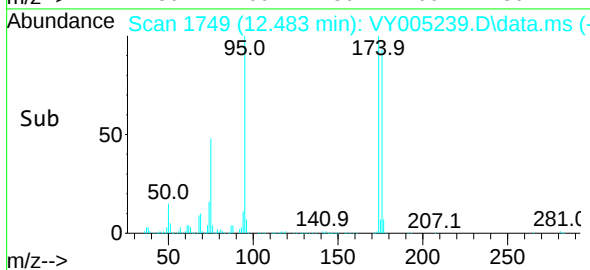
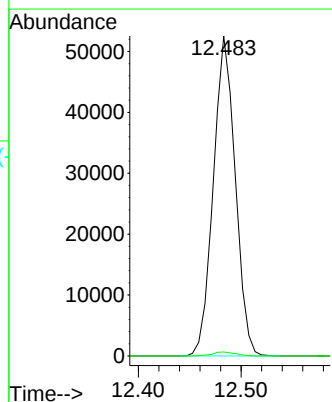
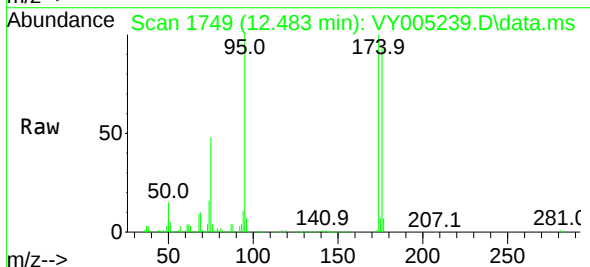
Instrument :
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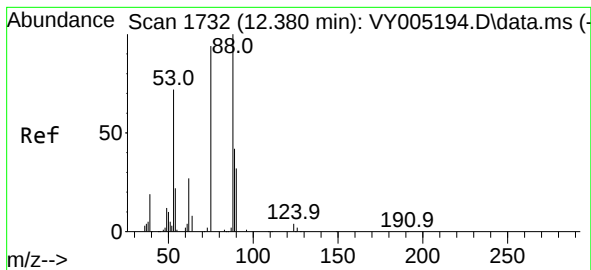
Tgt Ion:152 Resp: 197278
Ion Ratio Lower Upper
152 100
115 52.2 26.3 78.8
150 157.1 0.0 344.2



#76
1,2,3-Trichloropropane
Concen: 44.400 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005239.D
Acq: 28 Jun 2021 11:06

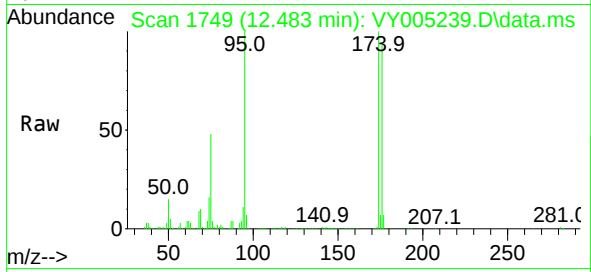
Tgt Ion: 75 Resp: 77683
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.839 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005239.D
 Acq: 28 Jun 2021 11:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0628SBL01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	63.0	94.4#
89	0.0	38.0	57.0#

