

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051523\
 Data File : VY013737.D
 Acq On : 15 May 2023 15:16
 Operator : KP/MD
 Sample : 02743-05
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-COMP

Quant Time: May 16 01:32:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

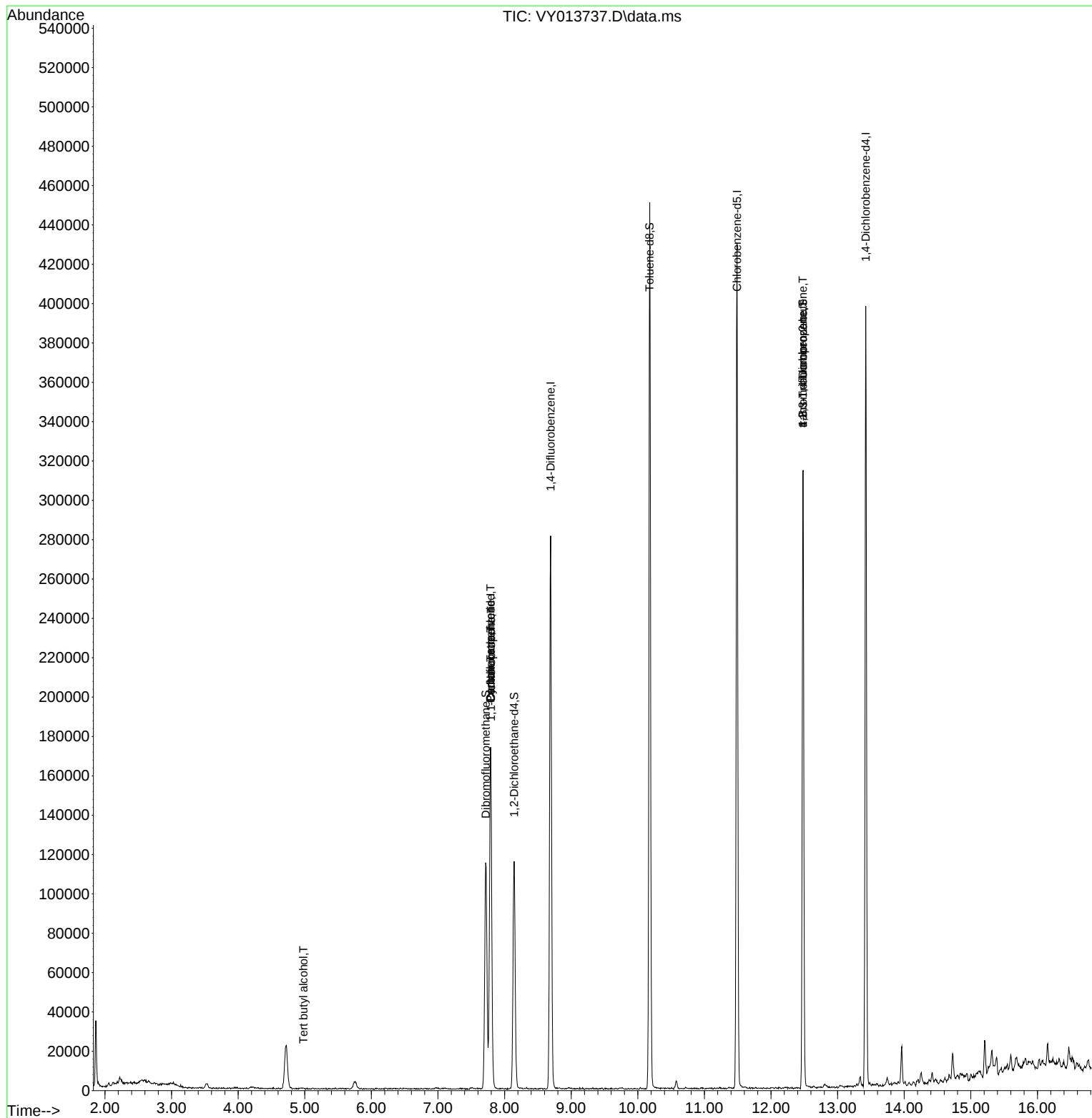
Internal Standards						
1) Pentafluorobenzene	7.789	168	133433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	227062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	218905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	96782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	93246	63.748	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.500%	
35) Dibromofluoromethane	7.716	113	81341	56.957	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.920%	
50) Toluene-d8	10.179	98	282908	55.686	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.380%	
62) 4-Bromofluorobenzene	12.477	95	90093	52.602	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.200%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.978	59	425	3.223	ug/l #	89
13) Acrolein	3.716	56	21	Below Cal	#	1
31) Cyclohexane	7.789	56	3242	1.238	ug/l #	22
36) 1,1-Dichloropropene	7.795	75	10772	4.545	ug/l #	49
38) Carbon Tetrachloride	7.789	117	13442	5.411	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	49018	37.555	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	49018	76.821	ug/l #	13

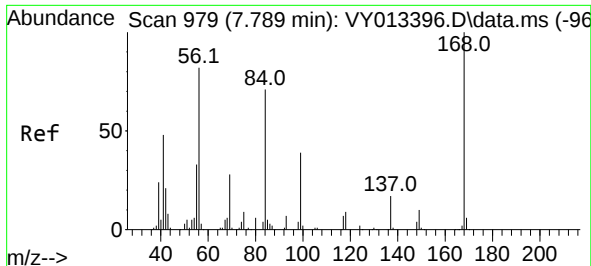
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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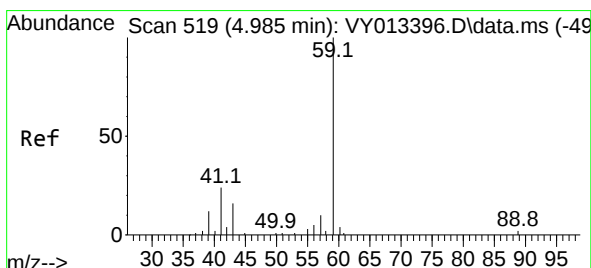
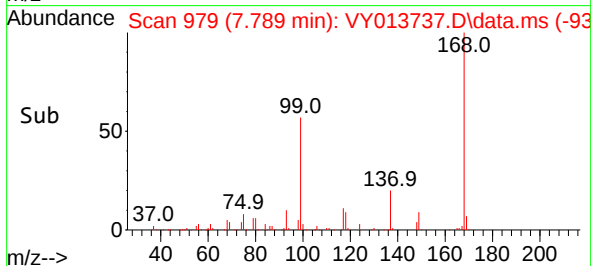
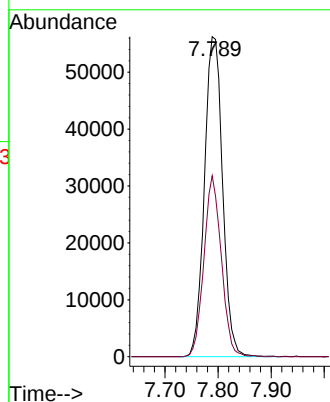
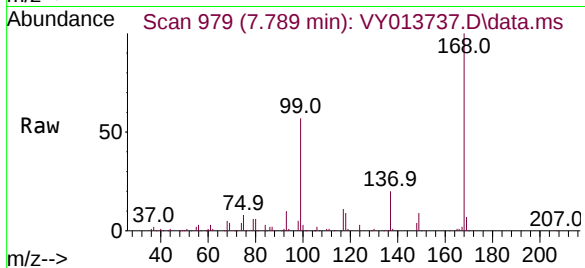




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013737.D
Acq: 15 May 2023 15:16

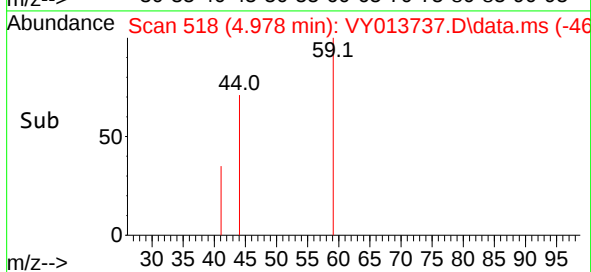
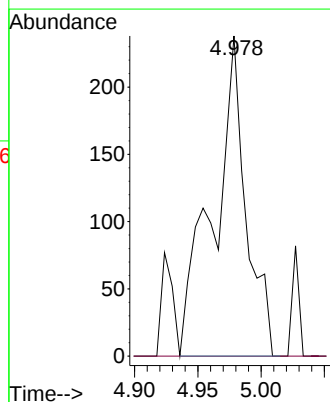
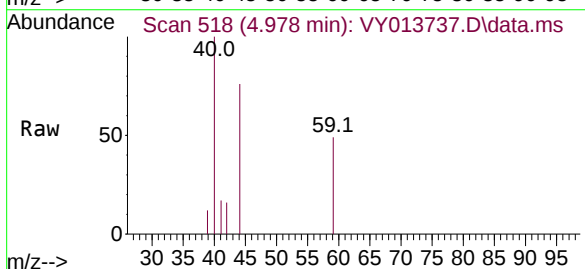
Instrument :
MSVOA_Y
ClientSampleId :
RO-COMP

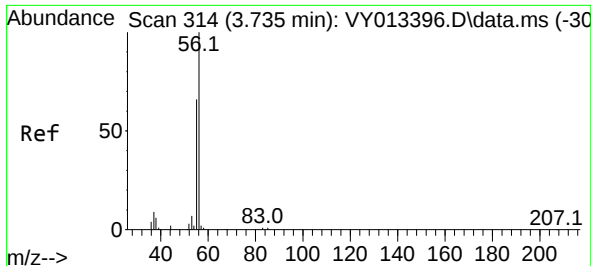
Tgt Ion:168 Resp: 133433
Ion Ratio Lower Upper
168 100
99 56.5 41.8 62.6



#11
Tert butyl alcohol
Concen: 3.223 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY013737.D
Acq: 15 May 2023 15:16

Tgt Ion: 59 Resp: 425
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

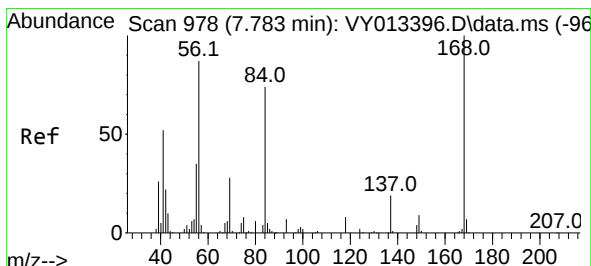
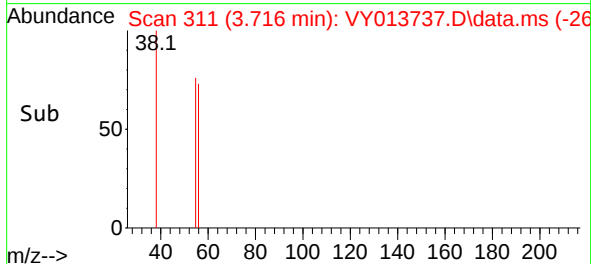
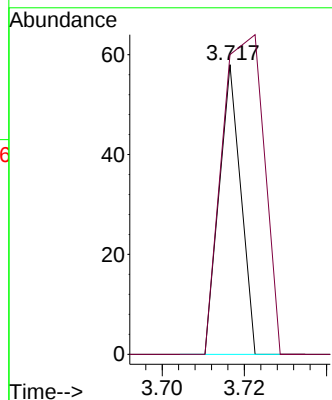
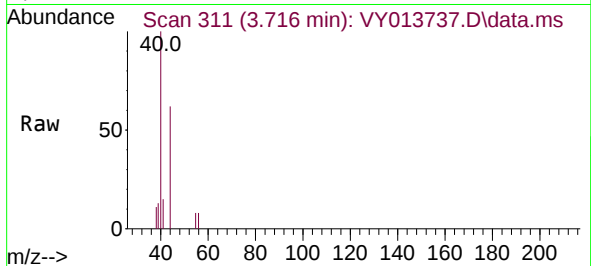




#13
Acrolein
Concen: Below Cal
RT: 3.716 min Scan# 314
Delta R.T. -0.013 min
Lab File: VY013737.D
Acq: 15 May 2023 15:16

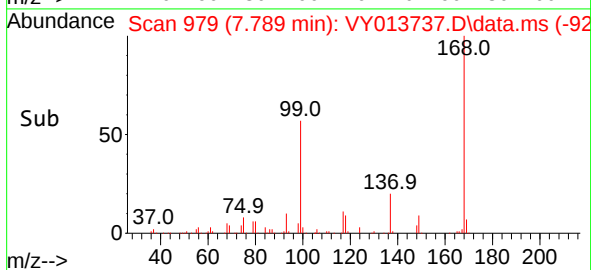
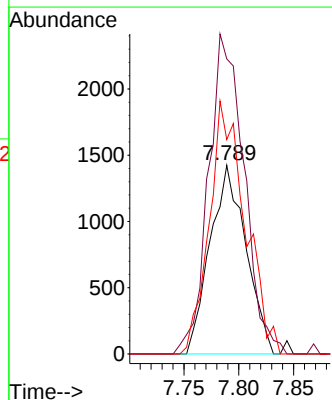
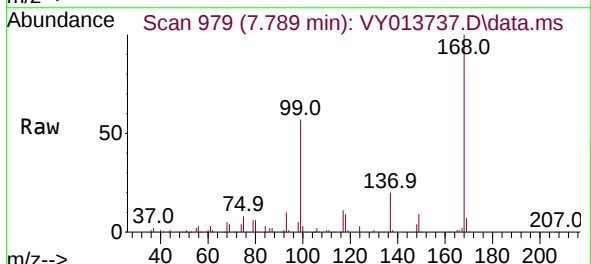
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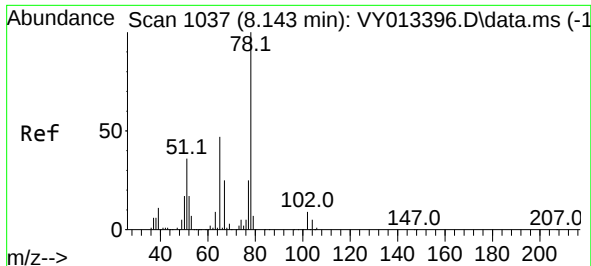
Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 214.3 54.1 81.1#



#31
Cyclohexane
Concen: 1.238 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY013737.D
Acq: 15 May 2023 15:16

Tgt Ion: 56 Resp: 3242
Ion Ratio Lower Upper
56 100
69 151.5 29.2 43.8#
84 120.9 73.0 109.6#





#33

1,2-Dichloroethane-d4

Concen: 63.748 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.007 min

Lab File: VY013737.D

Acq: 15 May 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

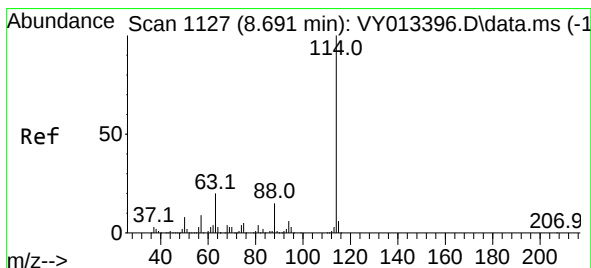
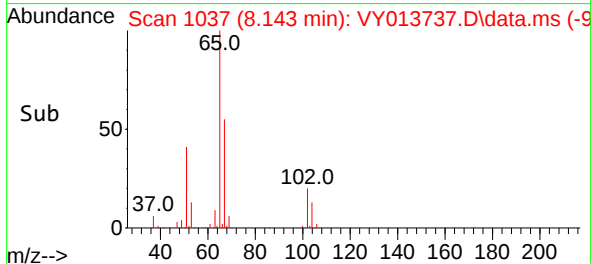
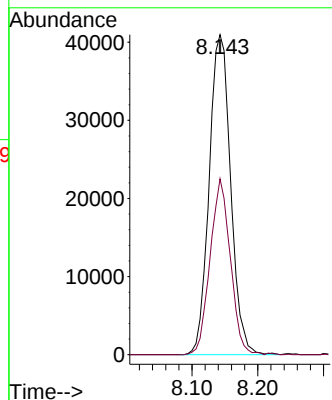
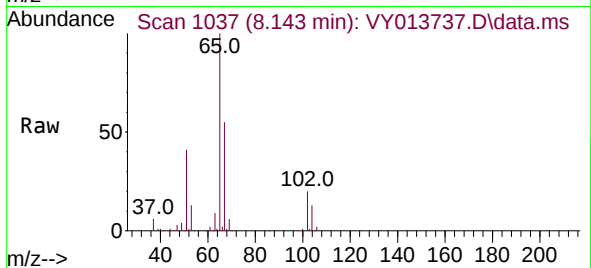
RO-COMP

Tgt Ion: 65 Resp: 93246

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013737.D

Acq: 15 May 2023 15:16

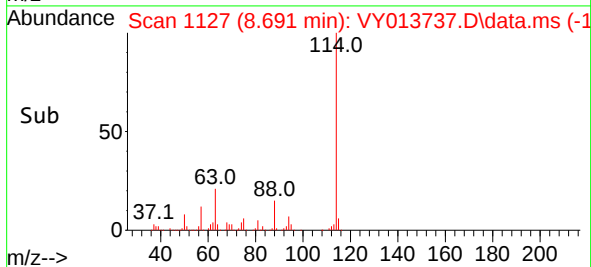
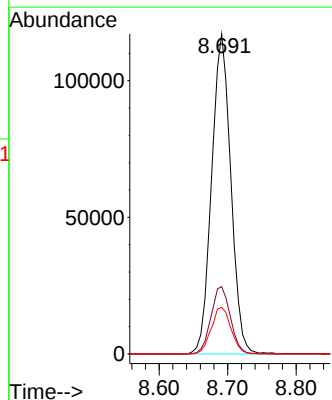
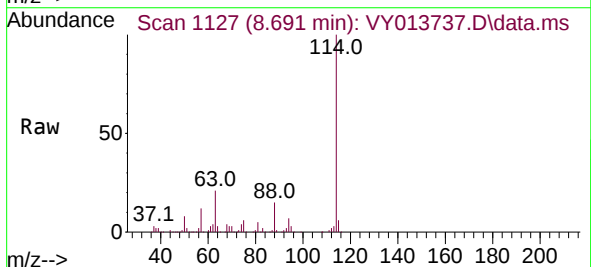
Tgt Ion: 114 Resp: 227062

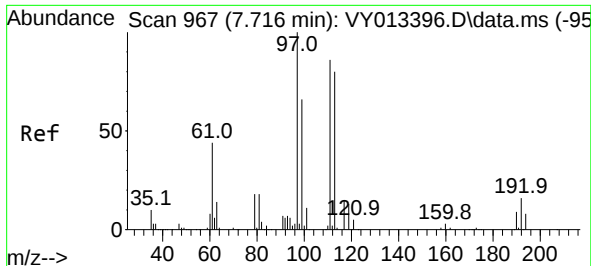
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.6

88 14.5 0.0 28.8

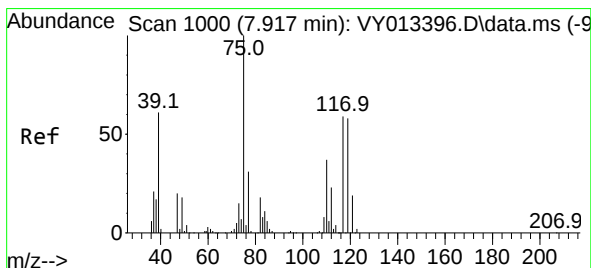
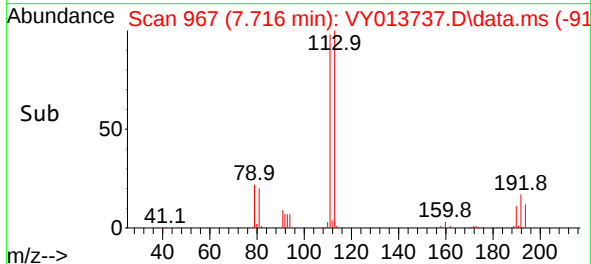
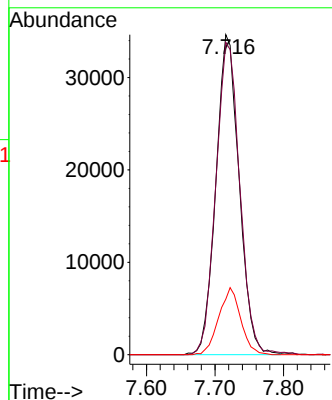
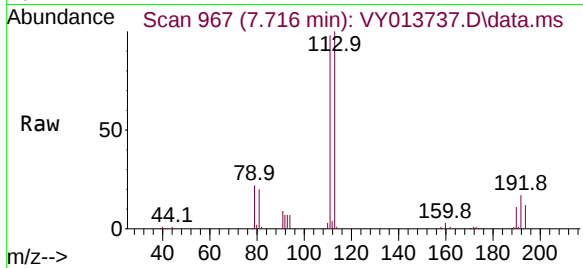




#35
Dibromofluoromethane
Concen: 56.957 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013737.D
Acq: 15 May 2023 15:16

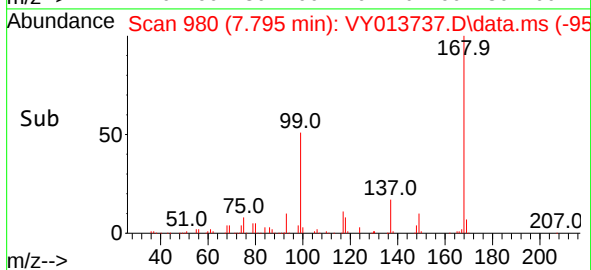
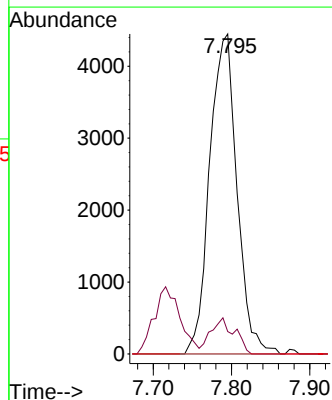
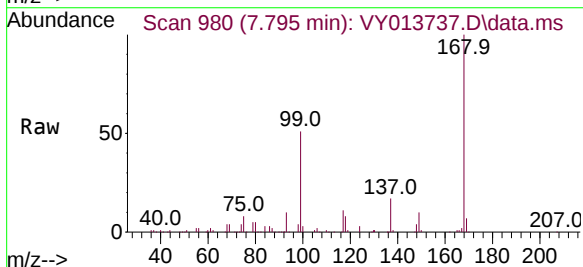
Instrument :
MSVOA_Y
ClientSampleId :
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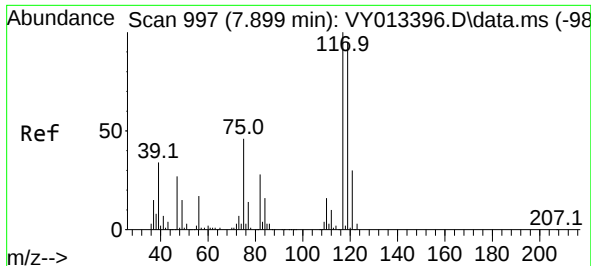
Tgt Ion:113 Resp: 81341
Ion Ratio Lower Upper
113 100
111 100.9 82.2 123.2
192 19.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.545 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY013737.D
Acq: 15 May 2023 15:16

Tgt Ion: 75 Resp: 10772
Ion Ratio Lower Upper
75 100
110 9.8 18.7 56.1#
77 0.0 24.6 37.0#

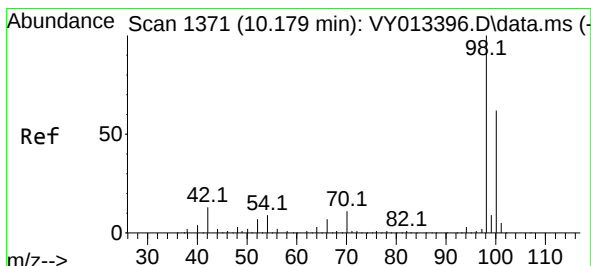
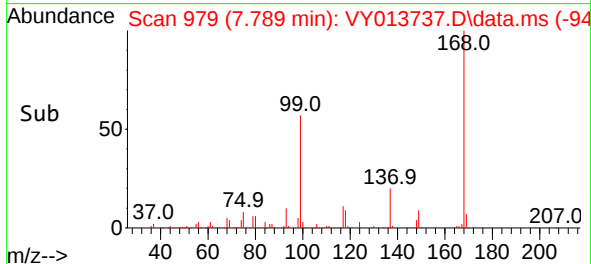
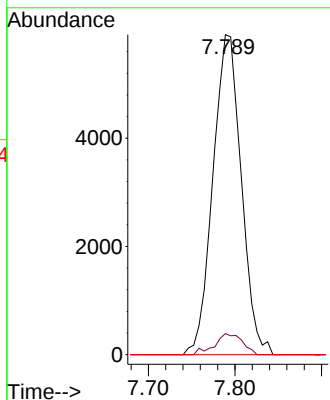
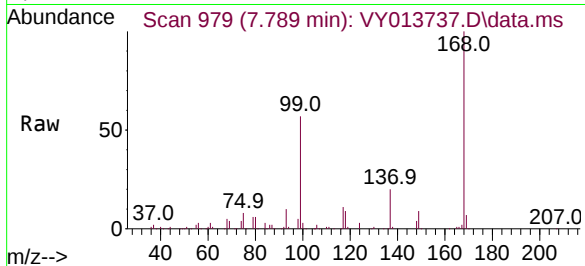




#38
Carbon Tetrachloride
Concen: 5.411 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013737.D
Acq: 15 May 2023 15:16

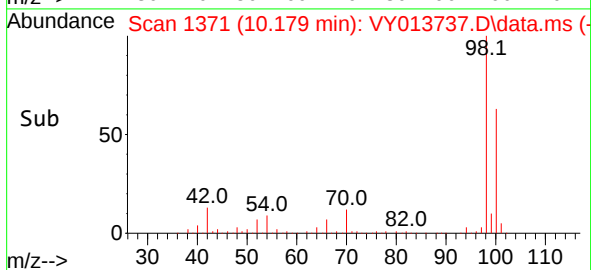
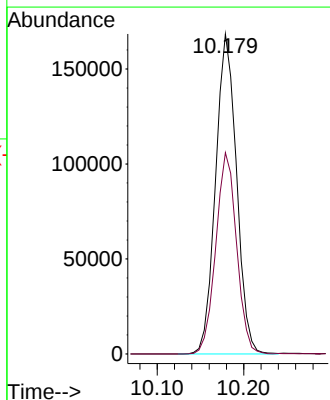
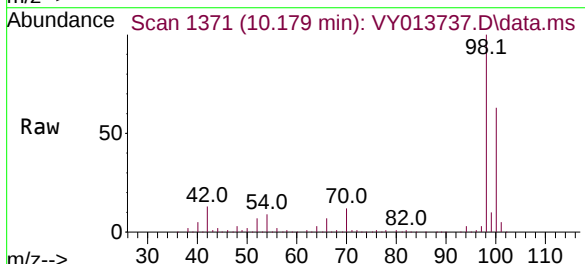
Instrument :
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RO-COMP

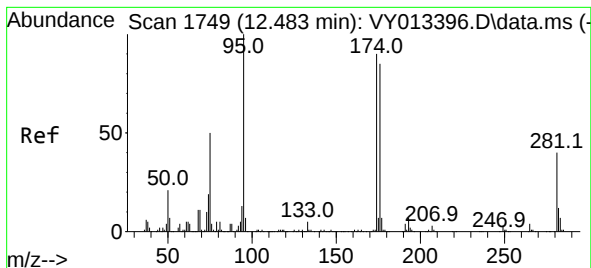
Tgt Ion:117 Resp: 13442
Ion Ratio Lower Upper
117 100
119 6.6 79.0 118.6#
121 0.0 26.6 40.0#



#50
Toluene-d8
Concen: 55.686 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013737.D
Acq: 15 May 2023 15:16

Tgt Ion: 98 Resp: 282908
Ion Ratio Lower Upper
98 100
100 62.3 50.5 75.7

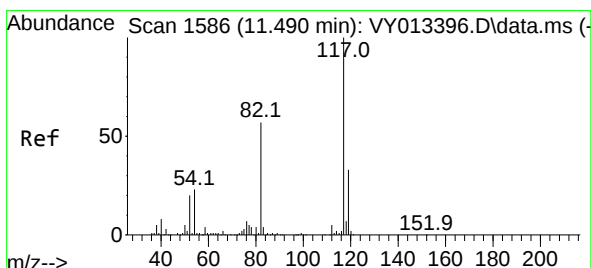
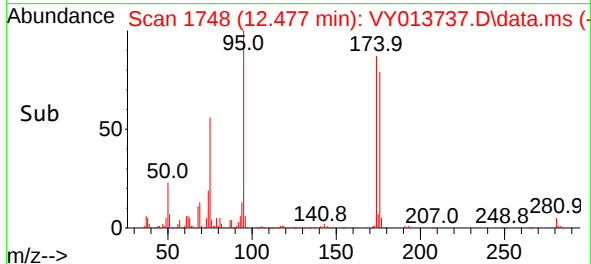
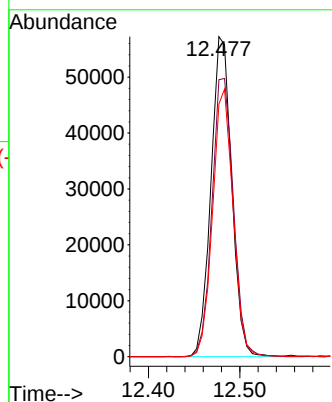
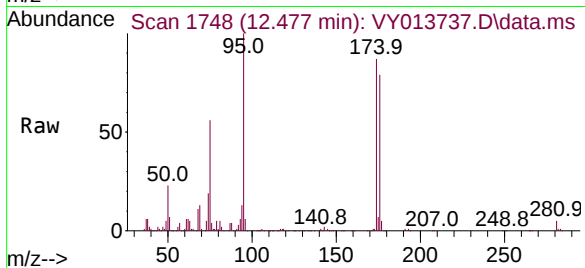




#62
4-Bromofluorobenzene
Concen: 52.602 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013737.D
Acq: 15 May 2023 15:16

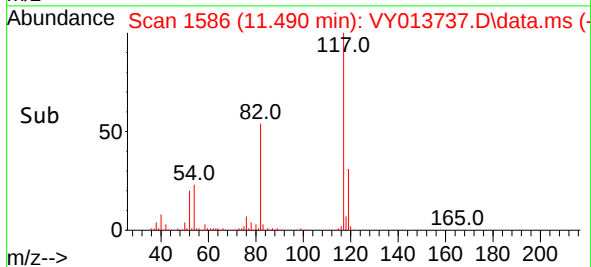
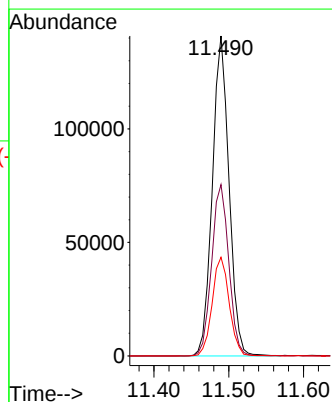
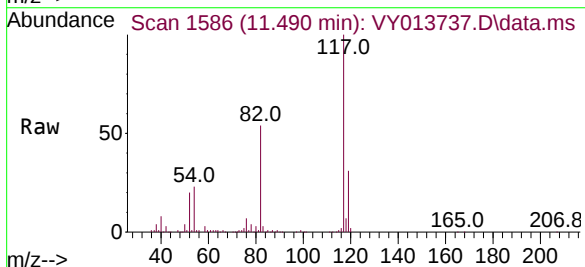
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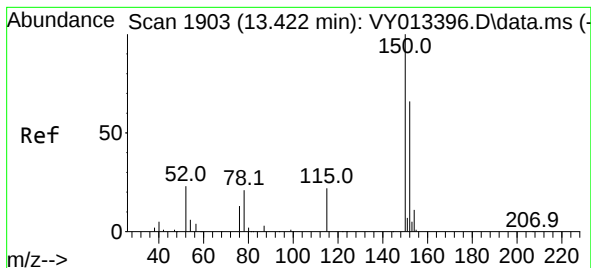
Tgt Ion: 95 Resp: 90093
Ion Ratio Lower Upper
95 100
174 89.9 0.0 182.0
176 82.7 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013737.D
Acq: 15 May 2023 15:16

Tgt Ion: 117 Resp: 218905
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.6
119 30.9 25.5 38.3

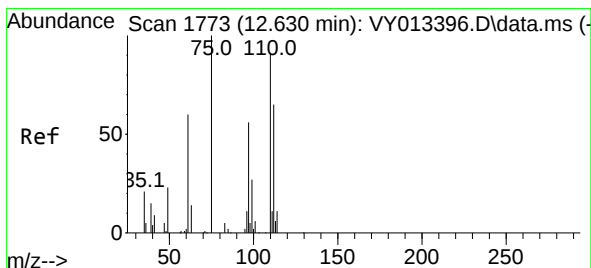
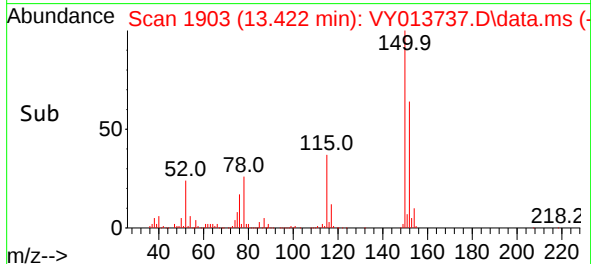
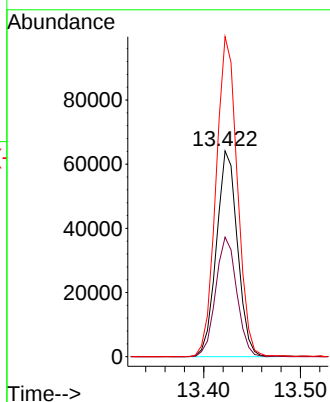
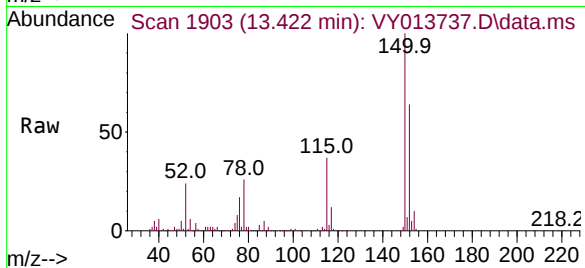




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY013737.D
 Acq: 15 May 2023 15:16

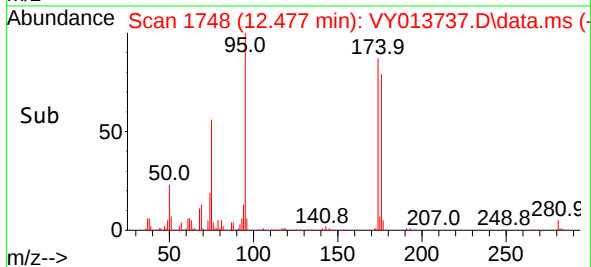
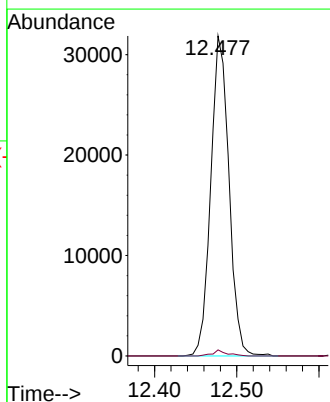
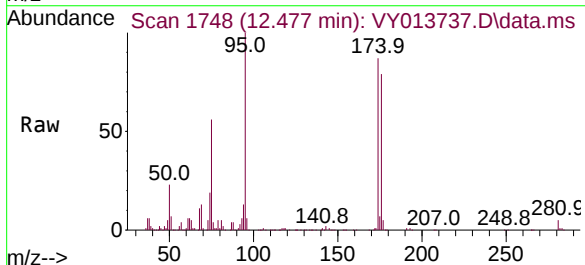
Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-COMP

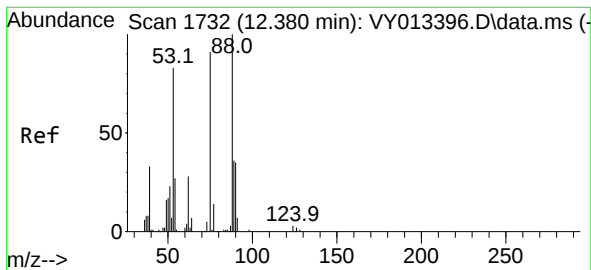
Tgt Ion:152 Resp: 96782
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.1 84.2
 150 157.6 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 37.555 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY013737.D
 Acq: 15 May 2023 15:16

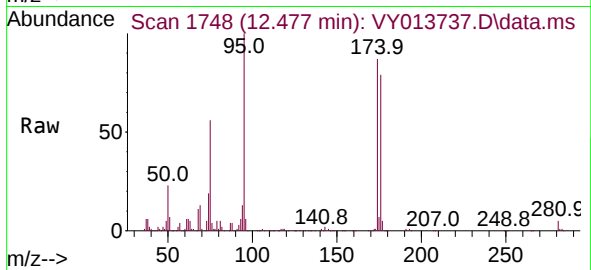
Tgt Ion: 75 Resp: 49018
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.821 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY013737.D
 Acq: 15 May 2023 15:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-COMP



Tgt Ion: 75 Resp: 49018
 Ion Ratio Lower Upper
 75 100
 53 0.3 73.2 109.8#
 89 0.1 38.0 57.0#

