

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022723\
 Data File : VY012736.D
 Acq On : 27 Feb 2023 14:57
 Operator : KP/MD
 Sample : 01703-05
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T2-STONE

Quant Time: Feb 28 00:22:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

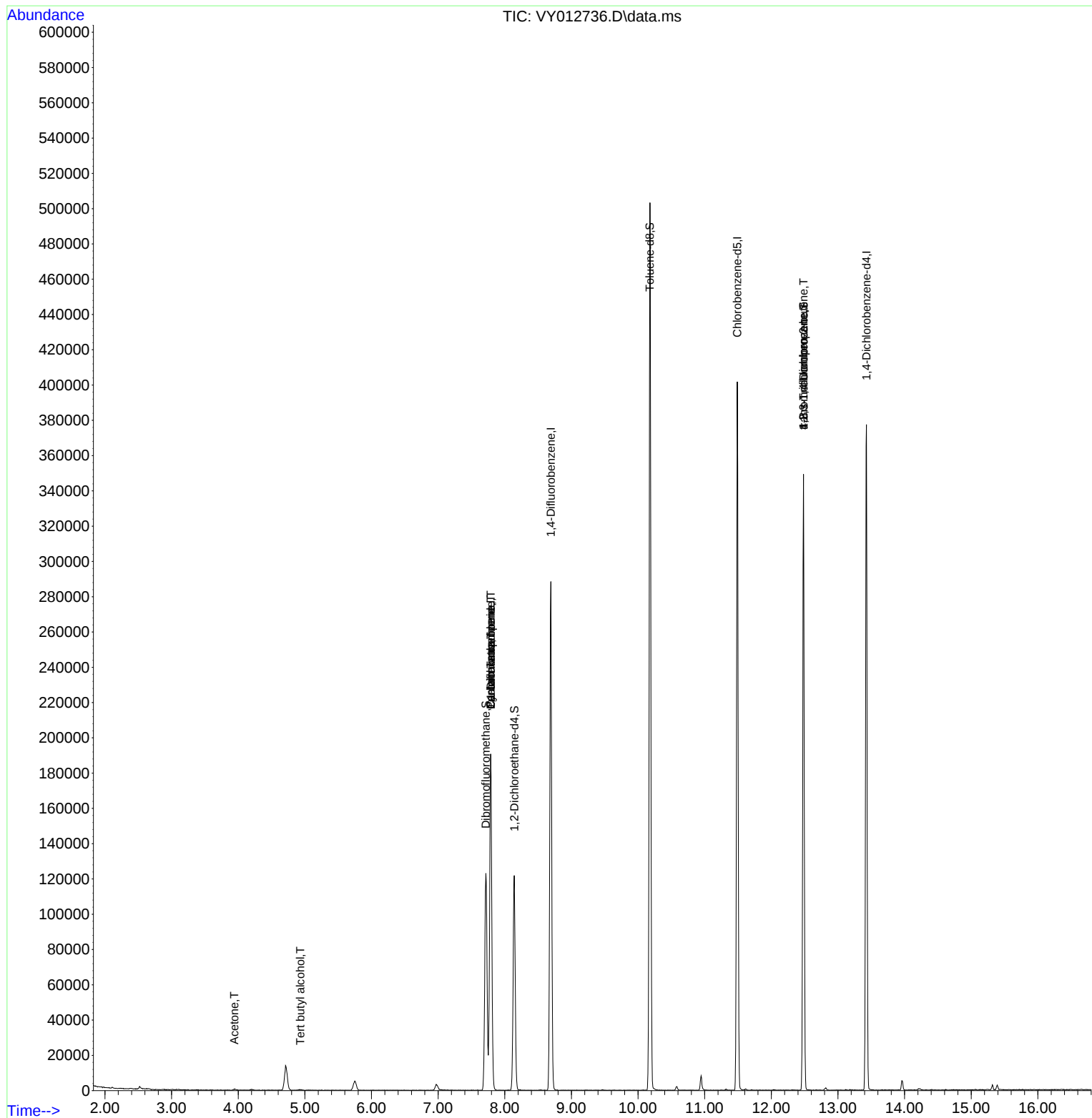
Internal Standards						
1) Pentafluorobenzene	7.789	168	147439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	239028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	209207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	89978	51.672	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 103.340%	
35) Dibromofluoromethane	7.716	113	87702	54.322	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 108.640%	
50) Toluene-d8	10.179	98	317354	52.468	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 104.940%	
62) 4-Bromofluorobenzene	12.483	95	97661	50.456	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 100.920%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	603	Below Cal		89
11) Tert butyl alcohol	4.930	59	428	2.247 ug/l	#	74
16) Acetone	3.942	43	1063	1.871 ug/l		96
20) Methylene Chloride	4.710	84	9840	Below Cal		96
31) Cyclohexane	7.789	56	3342	1.105 ug/l	#	9
36) 1,1-Dichloropropene	7.789	75	11089	4.333 ug/l	#	50
38) Carbon Tetrachloride	7.789	117	14201	5.367 ug/l	#	17
76) 1,2,3-Trichloropropane	12.483	75	50780	43.039 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50780	91.179 ug/l	#	10

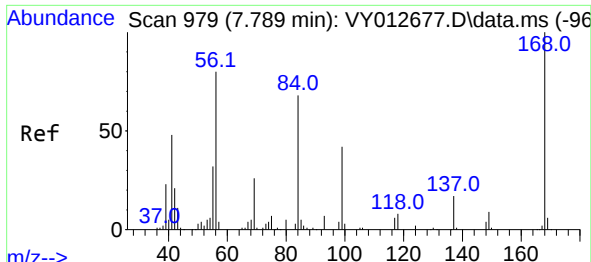
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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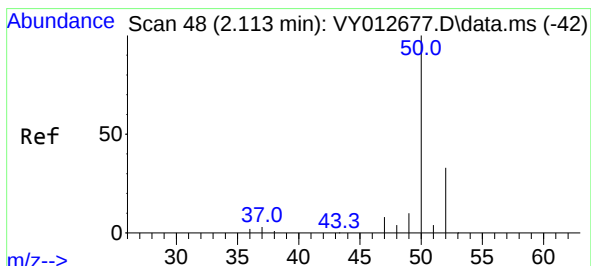
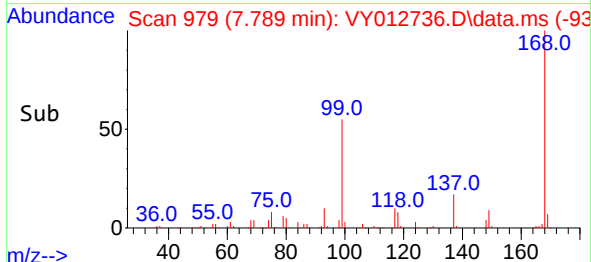
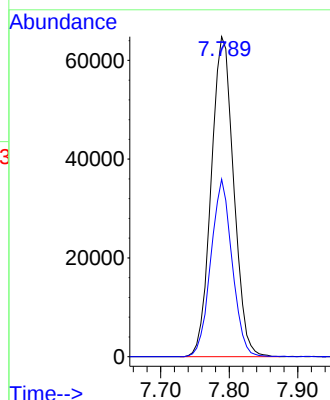
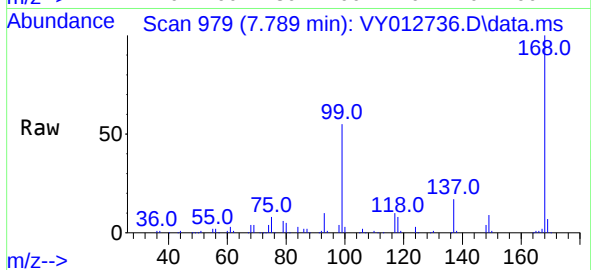




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012736.D
Acq: 27 Feb 2023 14:57

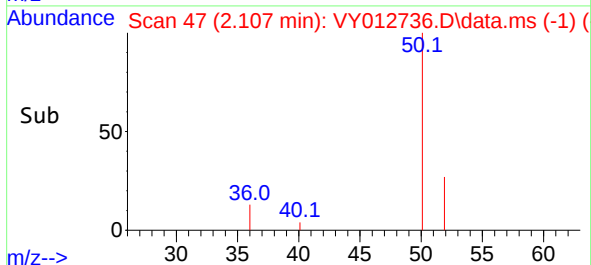
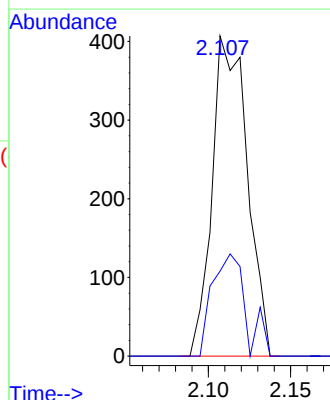
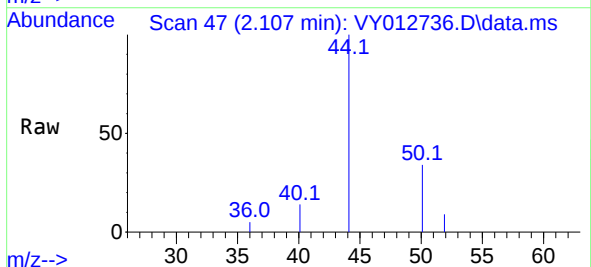
Instrument :
MSVOA_Y
ClientSampleId :
T2-STONE

Tgt Ion:168 Resp: 147439
Ion Ratio Lower Upper
168 100
99 55.5 45.4 68.2

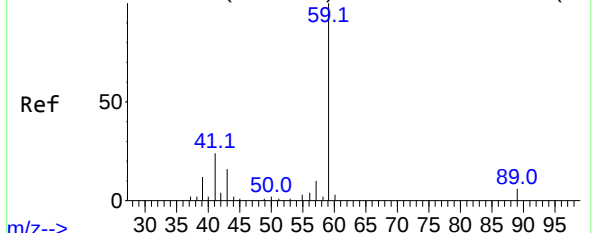


#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY012736.D
Acq: 27 Feb 2023 14:57

Tgt Ion: 50 Resp: 603
Ion Ratio Lower Upper
50 100
52 26.5 26.1 39.1

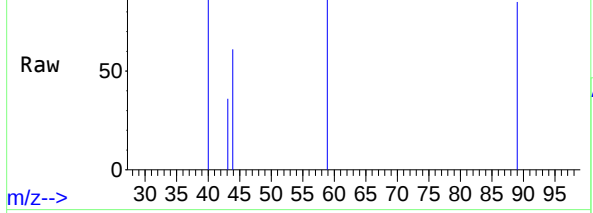


Abundance Scan 514 (4.954 min): VY012677.D\data.ms (-49



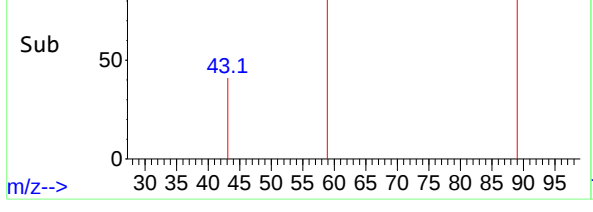
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Abundance Scan 510 (4.930 min): VY012736.D\data.ms



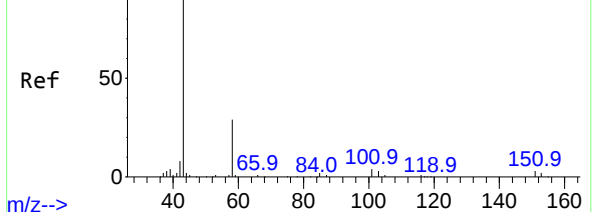
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Abundance Scan 510 (4.930 min): VY012736.D\data.ms (-46



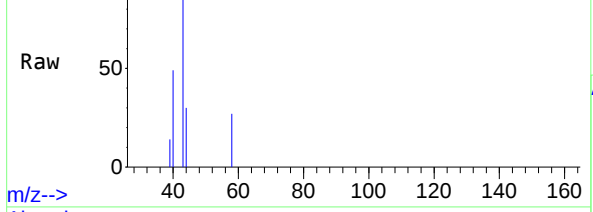
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Abundance Scan 349 (3.948 min): VY012677.D\data.ms (-33



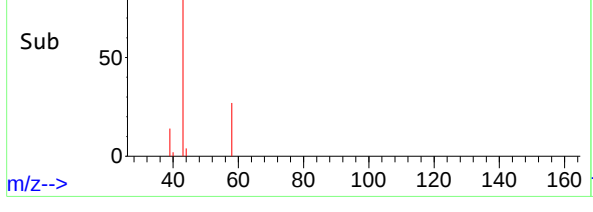
m/z-->

Abundance Scan 348 (3.942 min): VY012736.D\data.ms



m/z-->

Abundance Scan 348 (3.942 min): VY012736.D\data.ms (-30



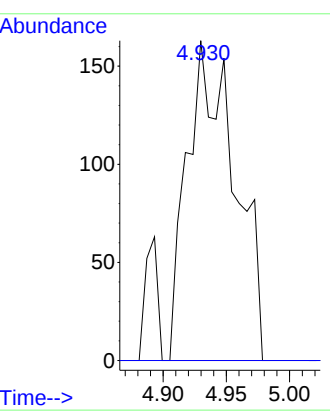
m/z-->

#11

Tert butyl alcohol
Concen: 2.247 ug/l
RT: 4.930 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY012736.D
Acq: 27 Feb 2023 14:57

Instrument :
MSVOA_Y
ClientSampleId :
T2-STONE

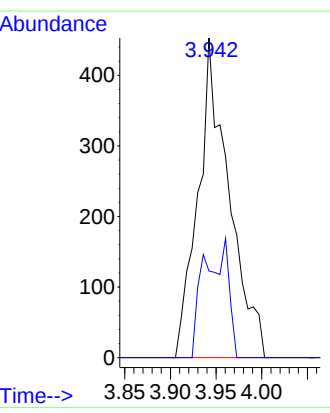
Tgt Ion:	59	Resp:	428
Ion Ratio	100	Lower	Upper
59	100		
57	0.0	7.7	11.5#

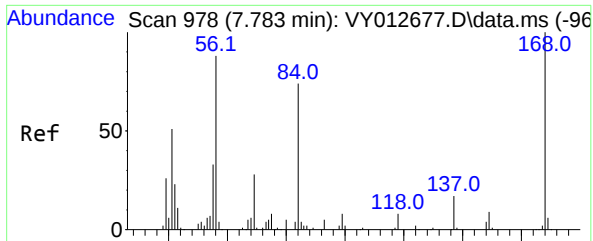


#16

Acetone
Concen: 1.871 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012736.D
Acq: 27 Feb 2023 14:57

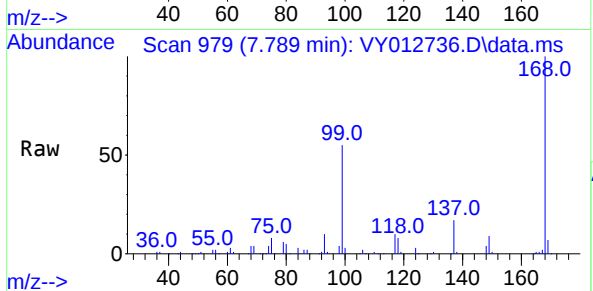
Tgt Ion:	43	Resp:	1063
Ion Ratio	100	Lower	Upper
43	100		
58	27.2	23.3	34.9



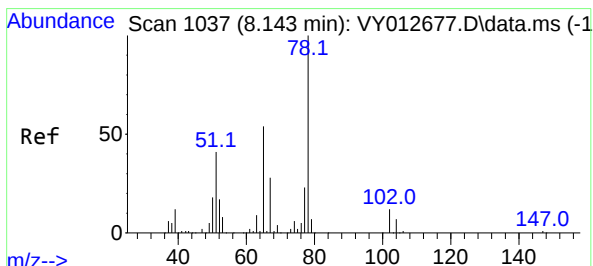
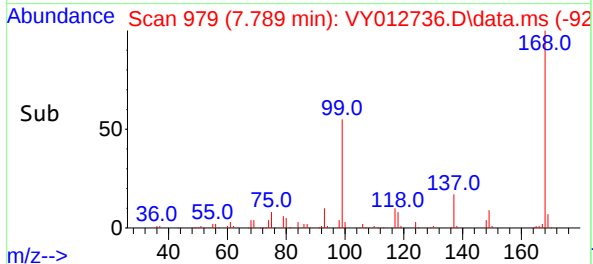
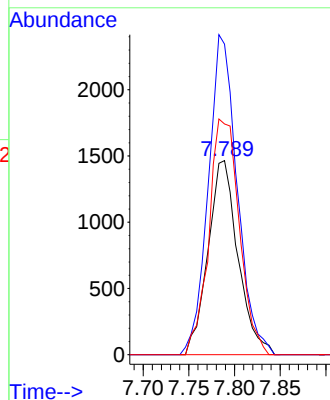


#31
Cyclohexane
Concen: 1.105 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012736.D
Acq: 27 Feb 2023 14:57

Instrument :
MSVOA_Y
ClientSampleId :
T2-STONE

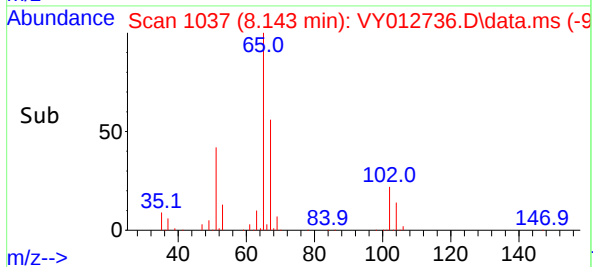
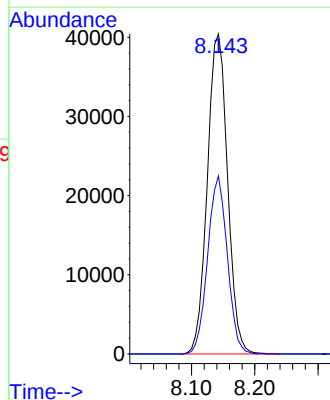
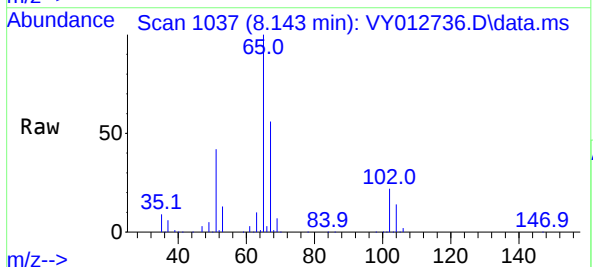


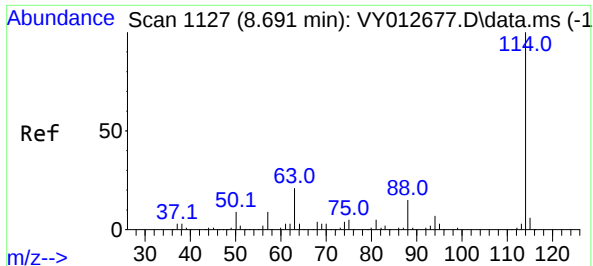
Tgt Ion: 56 Resp: 3342
Ion Ratio Lower Upper
56 100
69 160.0 25.4 38.2#
84 118.8 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 51.672 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012736.D
Acq: 27 Feb 2023 14:57

Tgt Ion: 65 Resp: 89978
Ion Ratio Lower Upper
65 100
67 54.0 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012736.D

Acq: 27 Feb 2023 14:57

Instrument :

MSVOA_Y

ClientSampleId :

T2-STONE

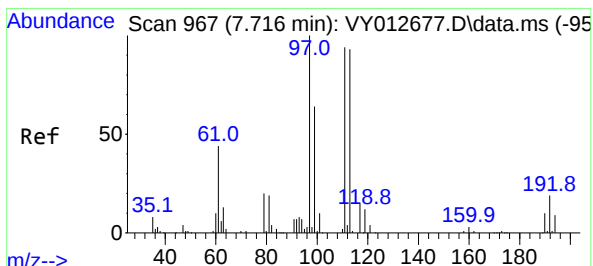
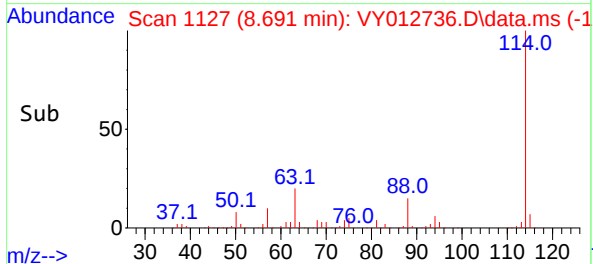
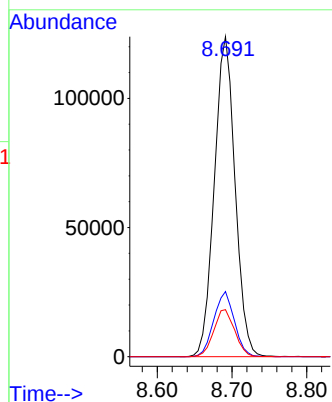
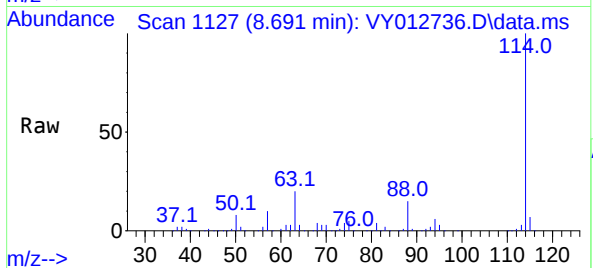
Tgt Ion:114 Resp: 239028

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.8

88 14.7 0.0 29.6



#35

Dibromofluoromethane

Concen: 54.322 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012736.D

Acq: 27 Feb 2023 14:57

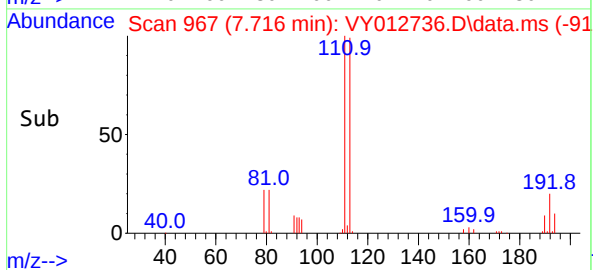
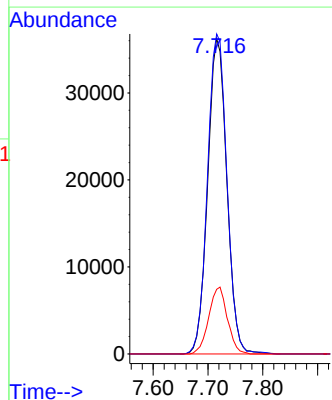
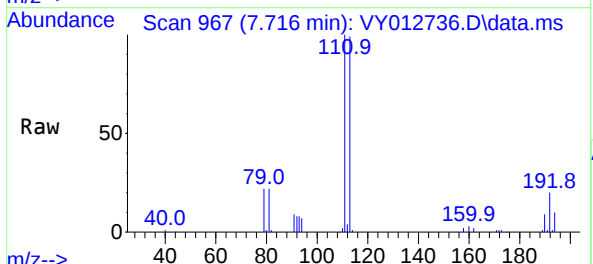
Tgt Ion:113 Resp: 87702

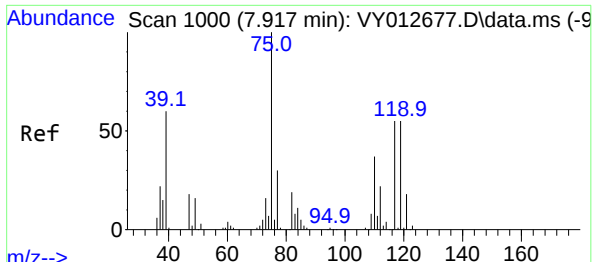
Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

192 20.6 16.2 24.2

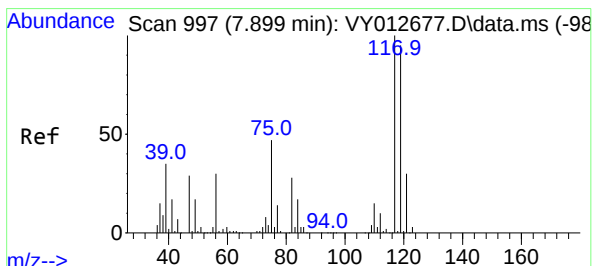
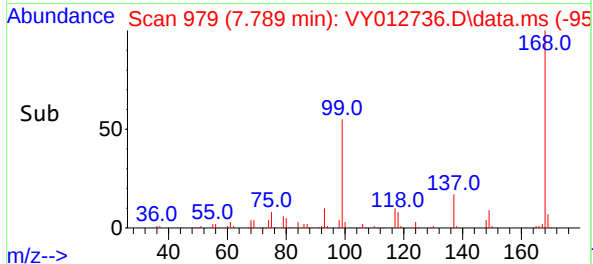
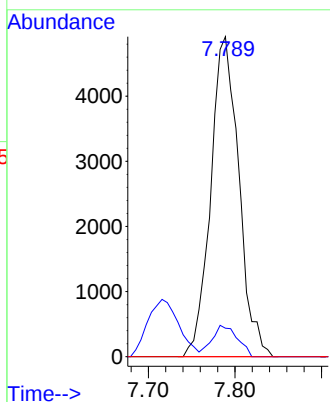
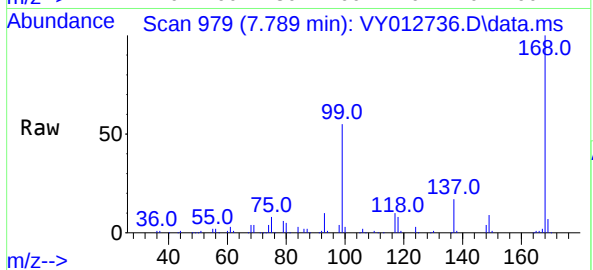




#36
1,1-Dichloropropene
Concen: 4.333 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY012736.D
Acq: 27 Feb 2023 14:57

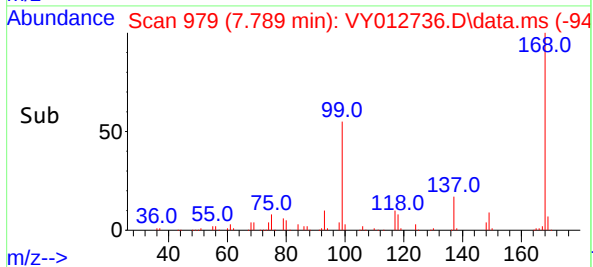
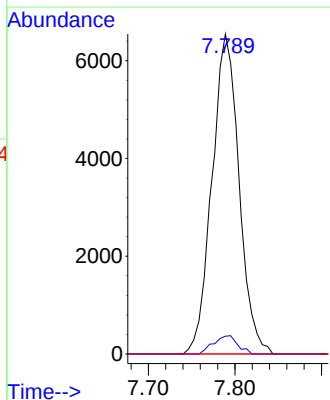
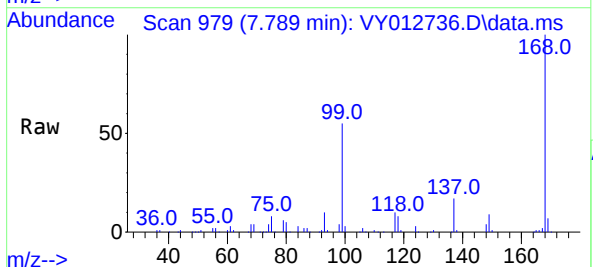
Instrument :
MSVOA_Y
ClientSampleId :
T2-STONE

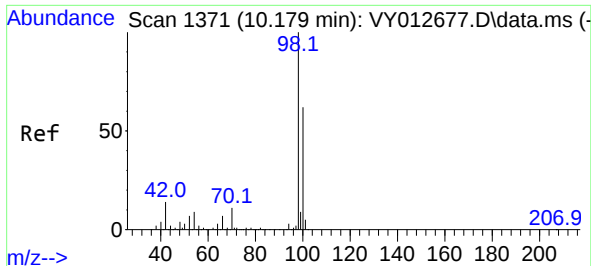
Tgt Ion: 75 Resp: 11089
Ion Ratio Lower Upper
75 100
110 8.9 17.6 52.8#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.367 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012736.D
Acq: 27 Feb 2023 14:57

Tgt Ion:117 Resp: 14201
Ion Ratio Lower Upper
117 100
119 5.6 75.5 113.3#
121 0.0 23.8 35.8#

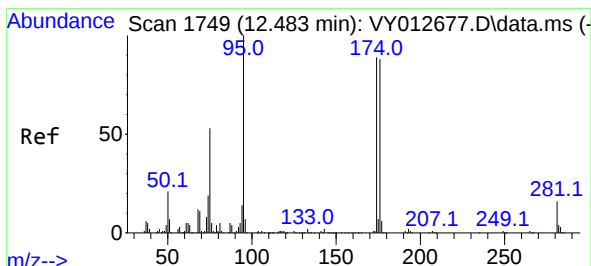
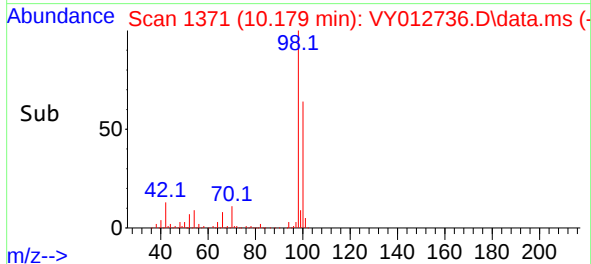
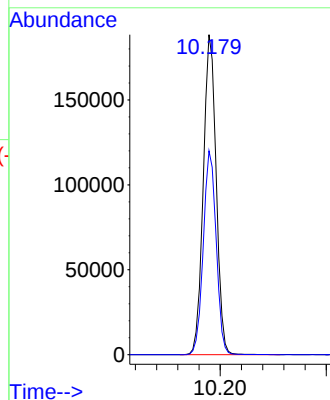
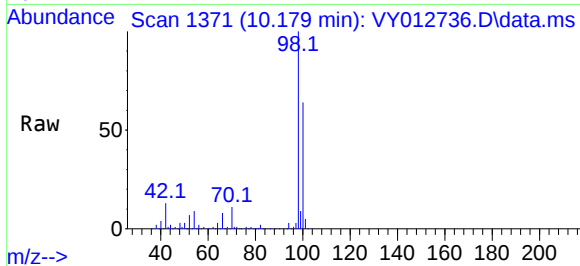




#50
Toluene-d8
Concen: 52.468 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012736.D
Acq: 27 Feb 2023 14:57

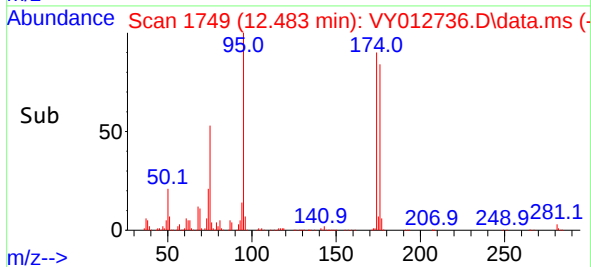
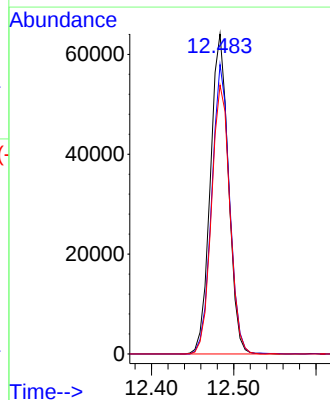
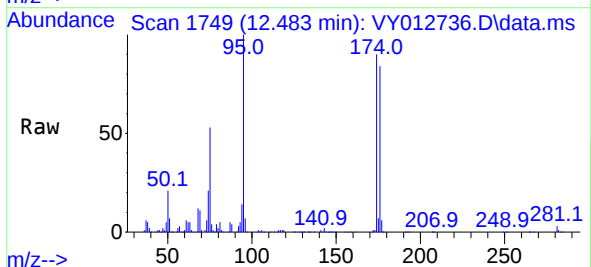
Instrument :
MSVOA_Y
ClientSampleId :
T2-STONE

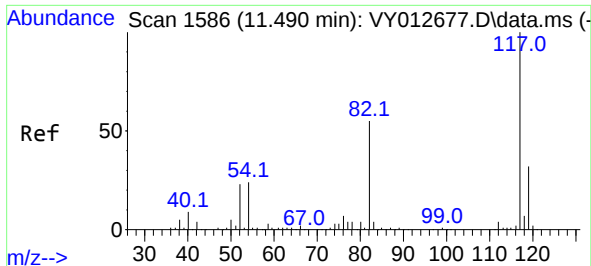
Tgt Ion: 98 Resp: 317354
Ion Ratio Lower Upper
98 100
100 63.7 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 50.456 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012736.D
Acq: 27 Feb 2023 14:57

Tgt Ion: 95 Resp: 97661
Ion Ratio Lower Upper
95 100
174 89.4 0.0 172.8
176 85.2 0.0 169.4

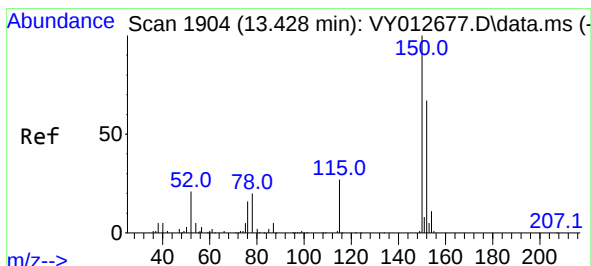
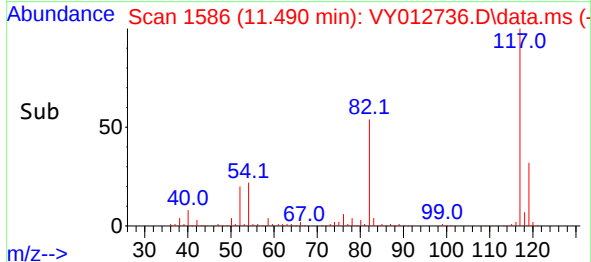
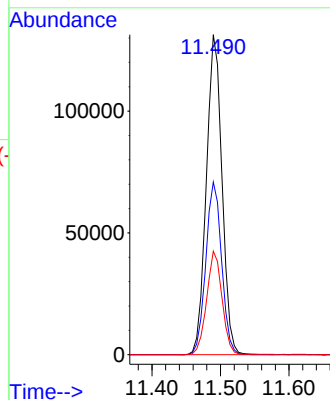
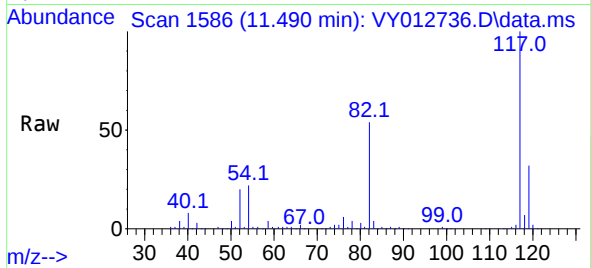




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012736.D
Acq: 27 Feb 2023 14:57

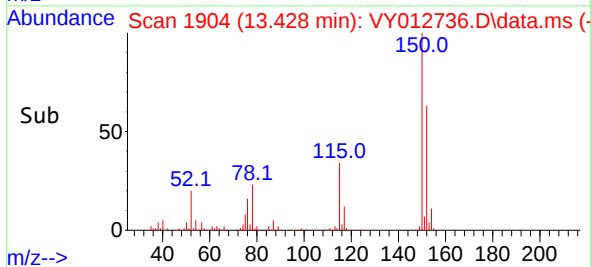
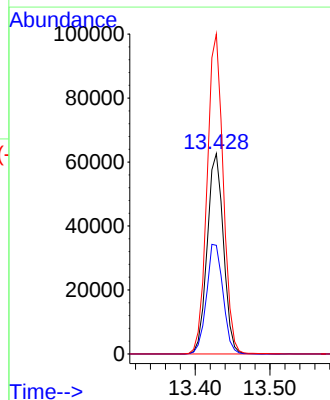
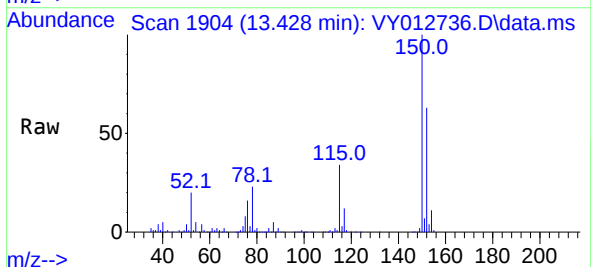
Instrument :
MSVOA_Y
ClientSampleId :
T2-STONE

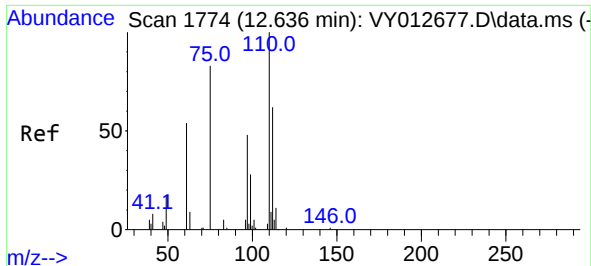
Tgt Ion:117 Resp: 209207
Ion Ratio Lower Upper
117 100
82 53.9 44.1 66.1
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012736.D
Acq: 27 Feb 2023 14:57

Tgt Ion:152 Resp: 94640
Ion Ratio Lower Upper
152 100
115 55.6 28.7 86.3
150 158.2 0.0 347.6

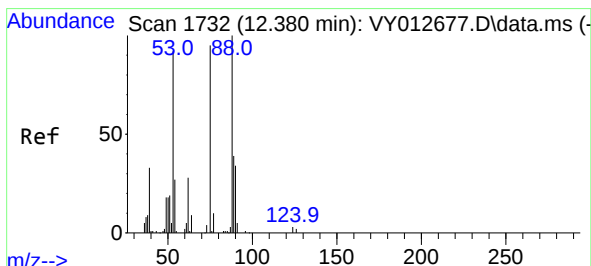
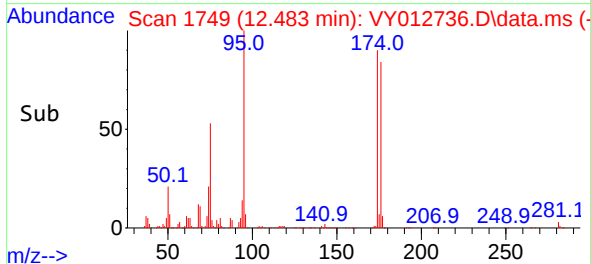
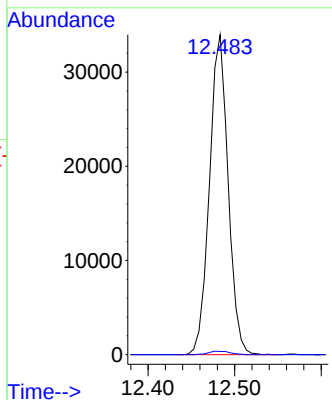
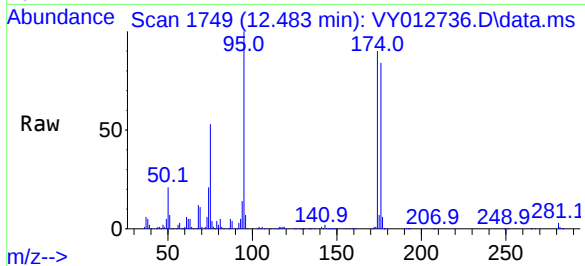




#76
1,2,3-Trichloropropane
Concen: 43.039 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012736.D
Acq: 27 Feb 2023 14:57

Instrument :
MSVOA_Y
ClientSampleId :
T2-STONE

Tgt Ion: 75 Resp: 50780
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.179 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY012736.D
Acq: 27 Feb 2023 14:57

Tgt Ion: 75 Resp: 50780
Ion Ratio Lower Upper
75 100
53 0.1 80.4 120.6#
89 0.0 36.5 54.7#

