

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030923\
 Data File : VY012899.D
 Acq On : 09 Mar 2023 15:15
 Operator : KP/MD
 Sample : 01837-02
 Misc : 12.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-10-4.5-030723

Quant Time: Mar 10 00:31:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

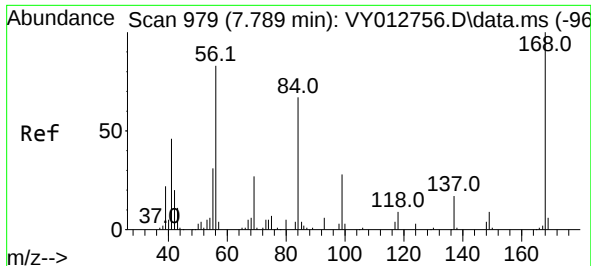
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	89886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	145930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	127516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	55975	62.720	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.440%	
35) Dibromofluoromethane	7.716	113	48524	55.098	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.200%	
50) Toluene-d8	10.179	98	158324	49.175	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.340%	
62) 4-Bromofluorobenzene	12.483	95	51940	47.796	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.600%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	3.905	101	1626	1.675	ug/l	93
11) Tert butyl alcohol	4.948	59	186	Below Cal	#	74
16) Acetone	3.948	43	1483	4.234	ug/l	93
20) Methylene Chloride	4.710	84	8569	2.962	ug/l	95
27) cis-1,2-Dichloroethene	6.990	96	7584	7.032	ug/l	89
31) Cyclohexane	7.789	56	2161	1.264	ug/l #	8
36) 1,1-Dichloropropene	7.783	75	6829	4.627	ug/l #	50
38) Carbon Tetrachloride	7.789	117	8473	5.560	ug/l #	18
44) Trichloroethene	8.935	130	58880	53.494	ug/l	97
76) 1,2,3-Trichloropropane	12.483	75	26801	37.303	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	26801	77.293	ug/l #	13

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

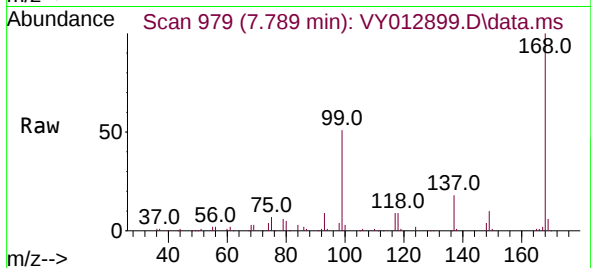
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration



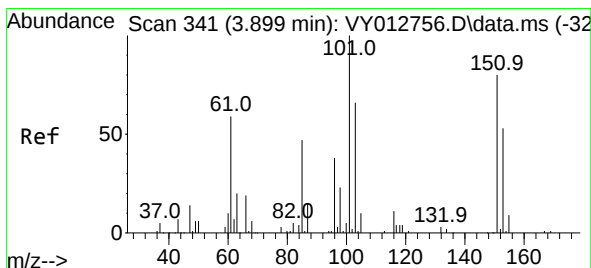
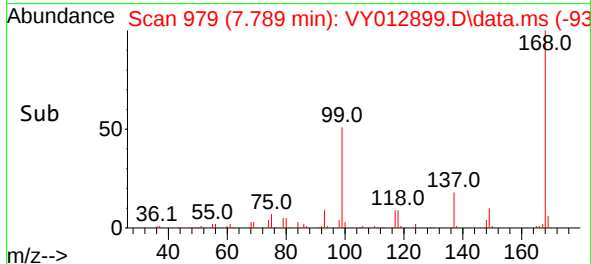
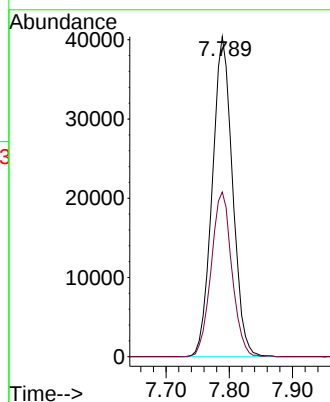


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012899.D
Acq: 09 Mar 2023 15:15

Instrument :
MSVOA_Y
ClientSampleId :
CB-10-4.5-030723

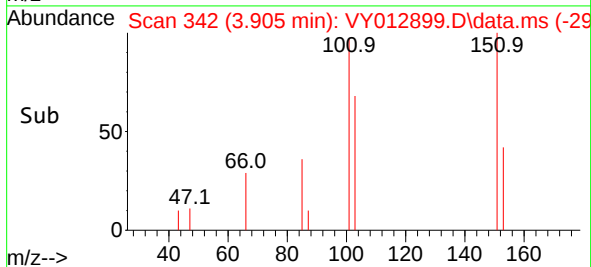
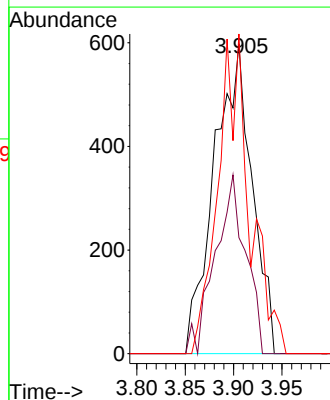
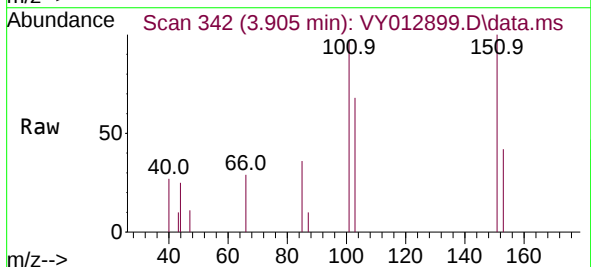


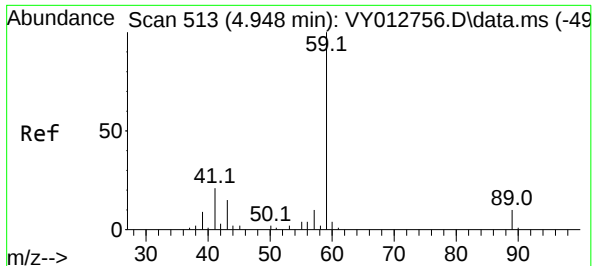
Tgt Ion:168 Resp: 89886
Ion Ratio Lower Upper
168 100
99 51.4 41.7 62.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.675 ug/l
RT: 3.905 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY012899.D
Acq: 09 Mar 2023 15:15

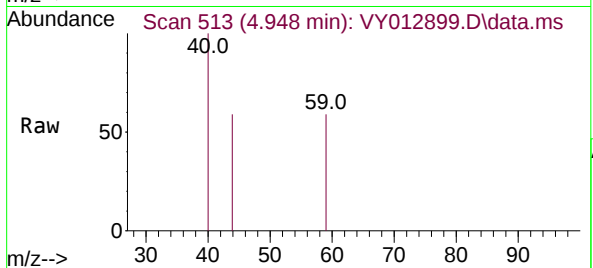
Tgt Ion:101 Resp: 1626
Ion Ratio Lower Upper
101 100
85 46.4 35.3 52.9
151 86.4 63.1 94.7



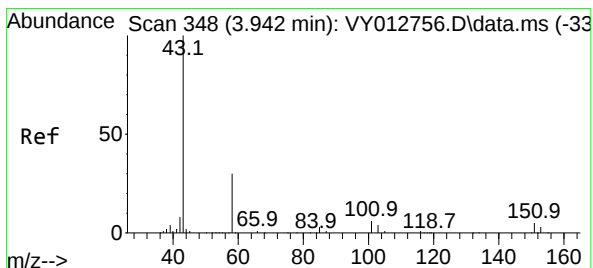
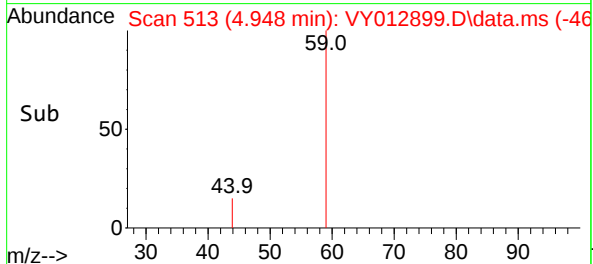
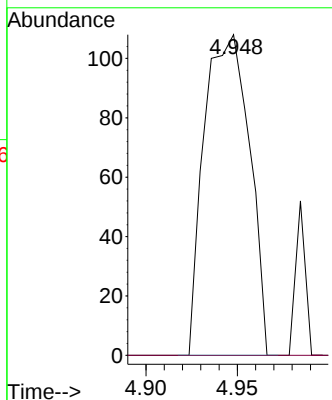


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY012899.D
Acq: 09 Mar 2023 15:15

Instrument :
MSVOA_Y
ClientSampleId :
CB-10-4.5-030723

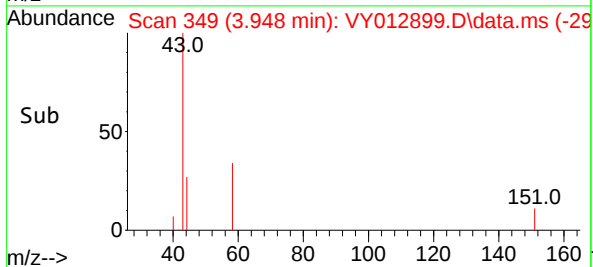
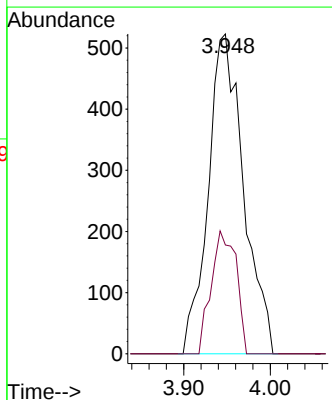
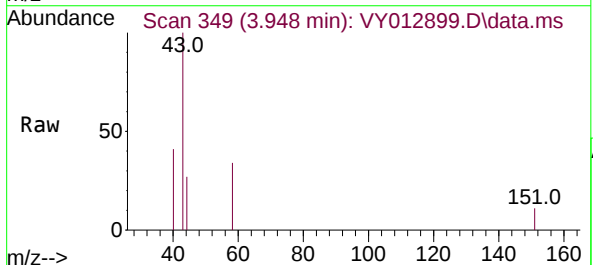


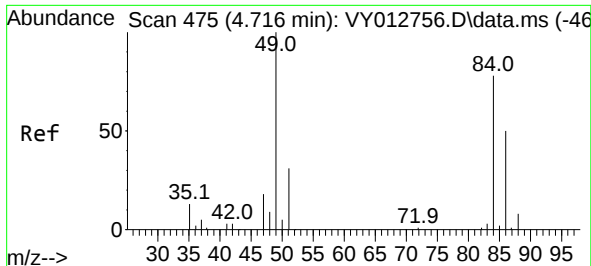
Tgt Ion: 59 Resp: 186
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#16
Acetone
Concen: 4.234 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012899.D
Acq: 09 Mar 2023 15:15

Tgt Ion: 43 Resp: 1483
Ion Ratio Lower Upper
43 100
58 34.0 24.2 36.2



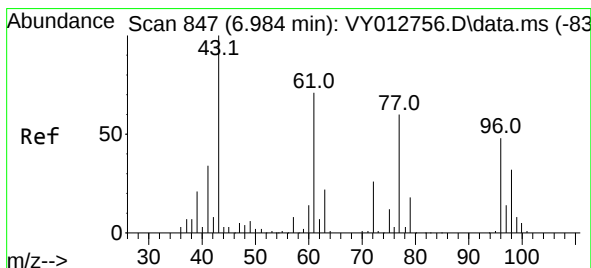
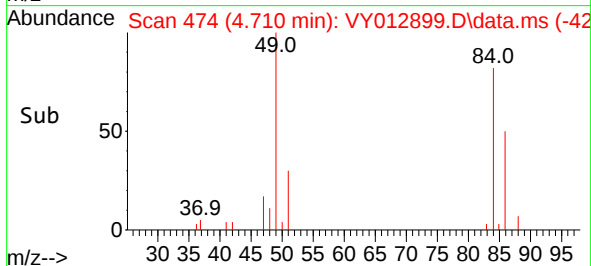
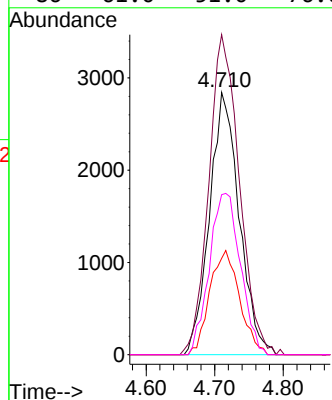
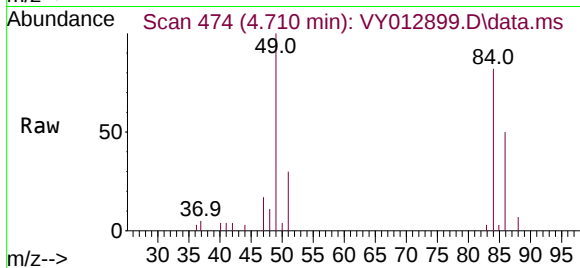


#20
Methylene Chloride
Concen: 2.962 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY012899.D
Acq: 09 Mar 2023 15:15

Instrument :
MSVOA_Y
ClientSampleId :
CB-10-4.5-030723

Tgt Ion: 84 Resp: 8569

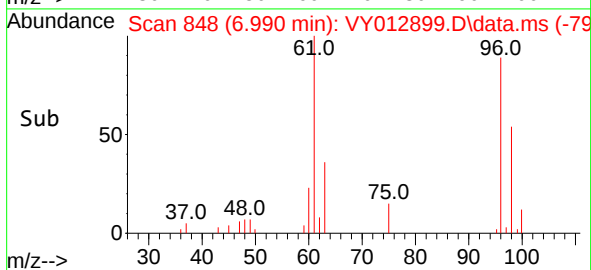
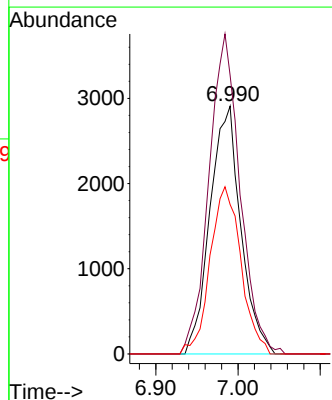
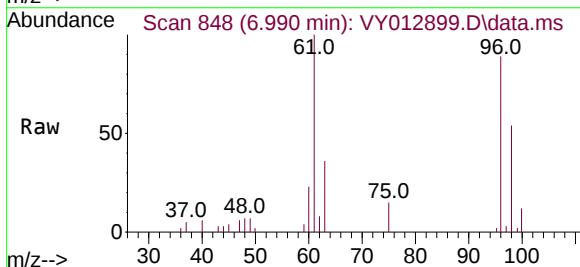
Ion	Ratio	Lower	Upper
84	100		
49	122.0	102.6	154.0
51	36.8	31.9	47.9
86	61.0	51.0	76.6

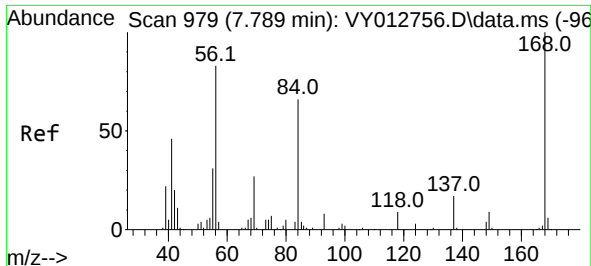


#27
cis-1,2-Dichloroethene
Concen: 7.032 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY012899.D
Acq: 09 Mar 2023 15:15

Tgt Ion: 96 Resp: 7584

Ion	Ratio	Lower	Upper
96	100		
61	130.2	0.0	295.8
98	67.6	0.0	130.2

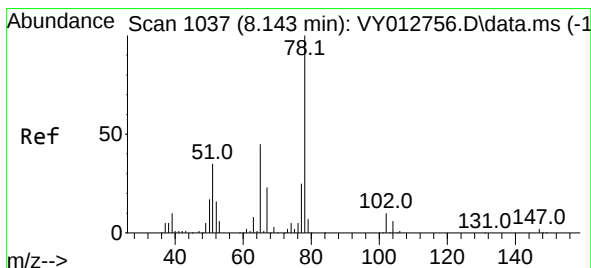
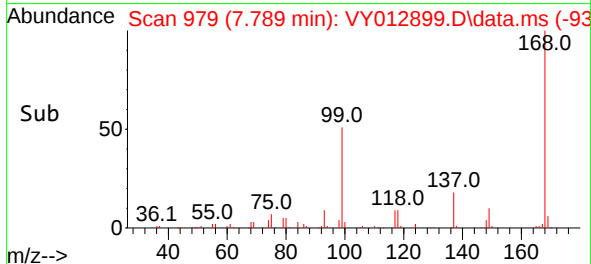
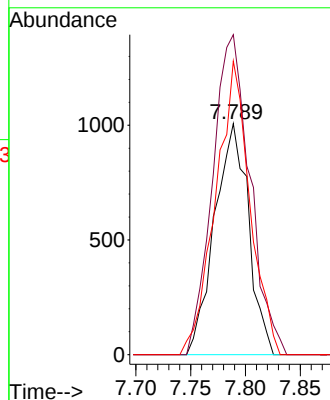
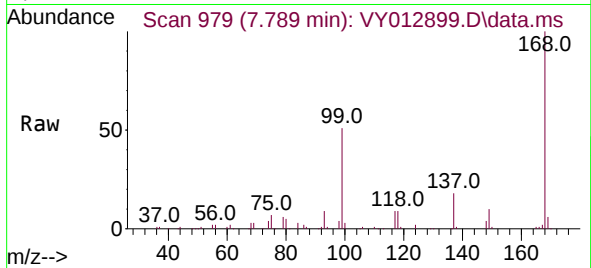




#31
Cyclohexane
Concen: 1.264 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012899.D
Acq: 09 Mar 2023 15:15

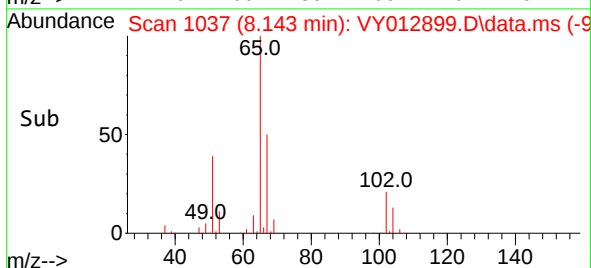
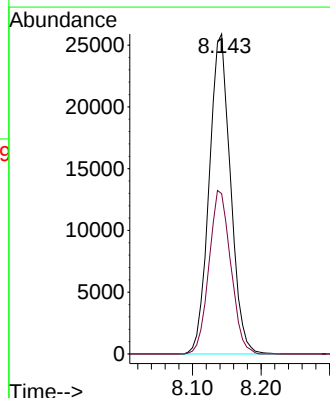
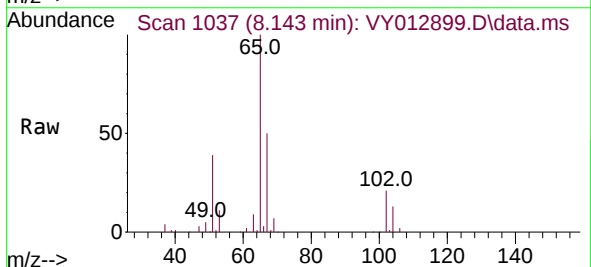
Instrument :
MSVOA_Y
ClientSampleId :
CB-10-4.5-030723

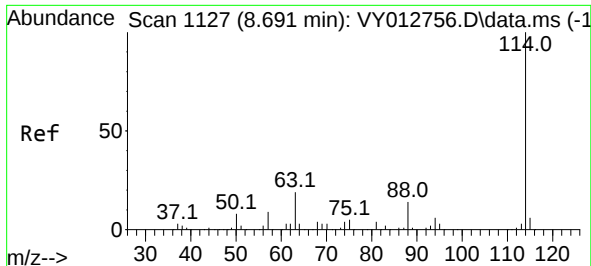
Tgt Ion: 56 Resp: 2161
Ion Ratio Lower Upper
56 100
69 138.5 25.7 38.5#
84 127.1 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 62.720 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012899.D
Acq: 09 Mar 2023 15:15

Tgt Ion: 65 Resp: 55975
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012899.D

Acq: 09 Mar 2023 15:15

Instrument :

MSVOA_Y

ClientSampleId :

CB-10-4.5-030723

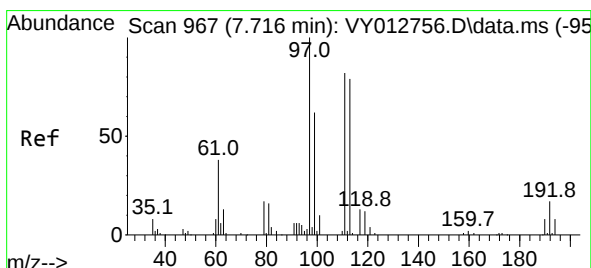
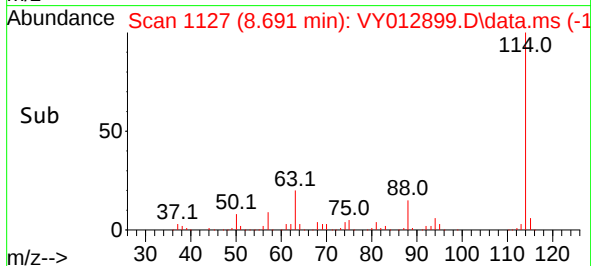
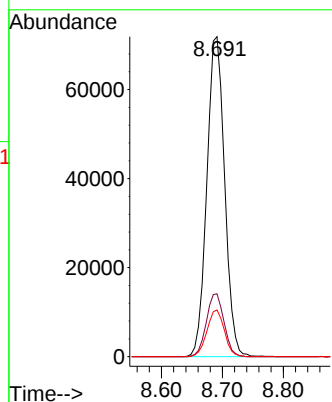
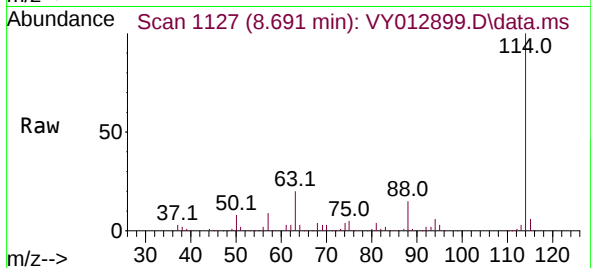
Tgt Ion:114 Resp: 145930

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 14.6 0.0 28.6



#35

Dibromofluoromethane

Concen: 55.098 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012899.D

Acq: 09 Mar 2023 15:15

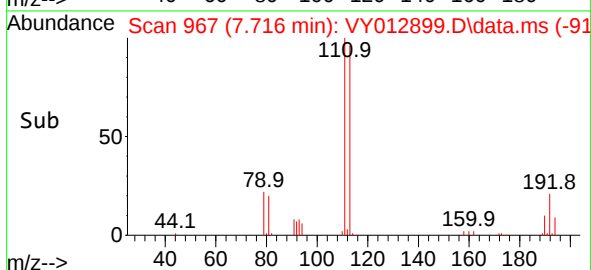
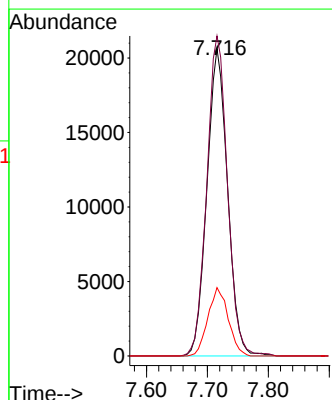
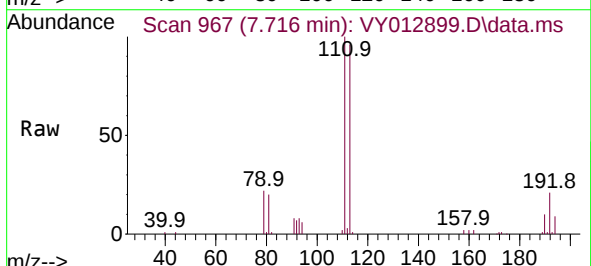
Tgt Ion:113 Resp: 48524

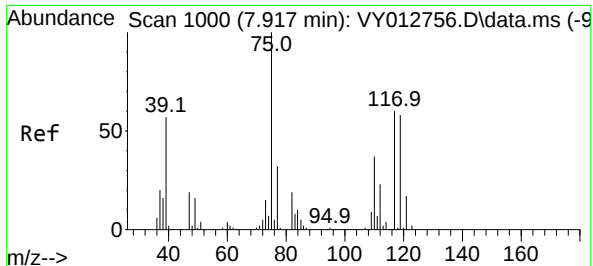
Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.2

192 21.9 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.627 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY012899.D

Acq: 09 Mar 2023 15:15

Instrument :

MSVOA_Y

ClientSampleId :

CB-10-4.5-030723

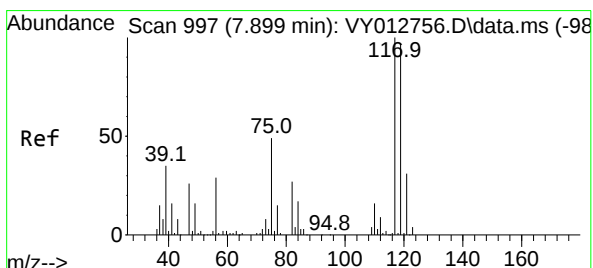
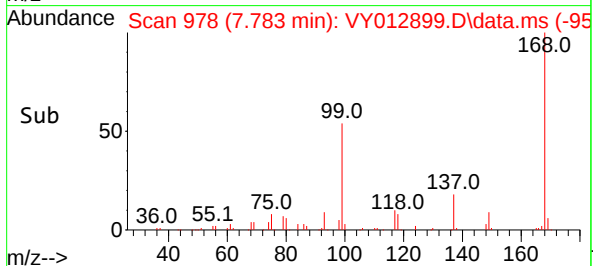
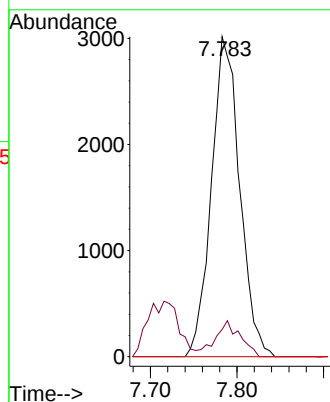
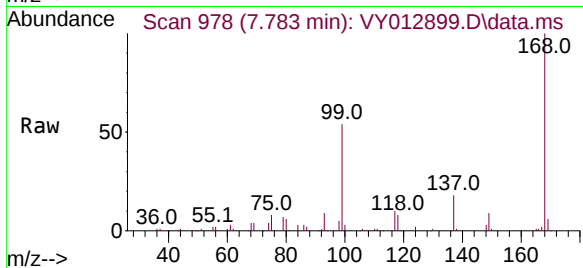
Tgt Ion: 75 Resp: 6829

Ion Ratio Lower Upper

75 100

110 10.0 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.560 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012899.D

Acq: 09 Mar 2023 15:15

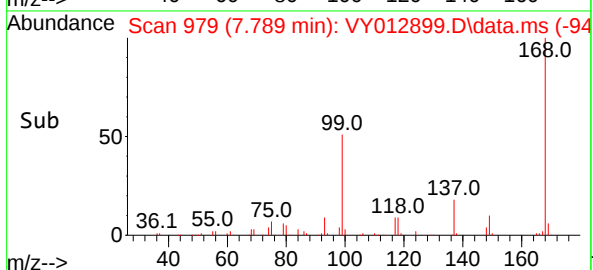
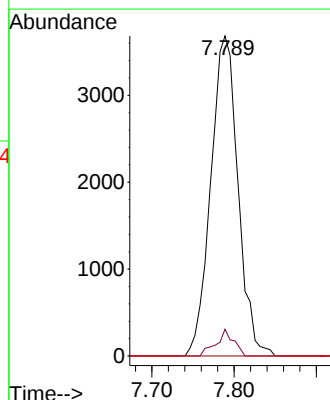
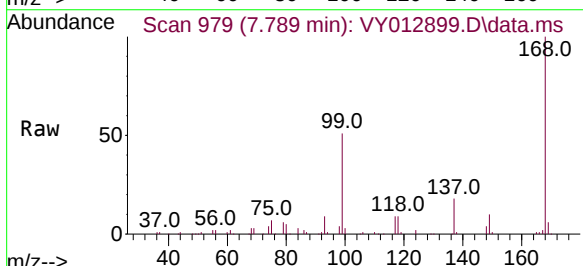
Tgt Ion: 117 Resp: 8473

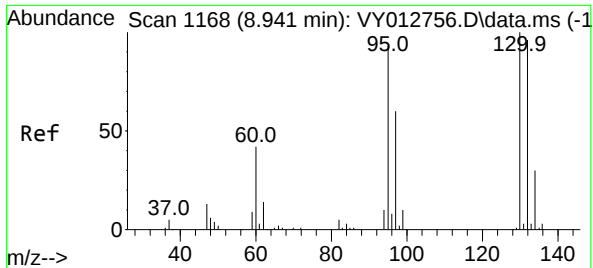
Ion Ratio Lower Upper

117 100

119 8.4 77.2 115.8#

121 0.0 24.7 37.1#

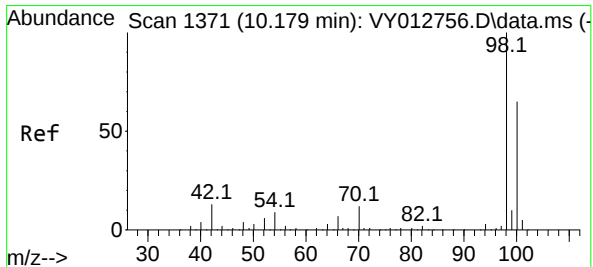
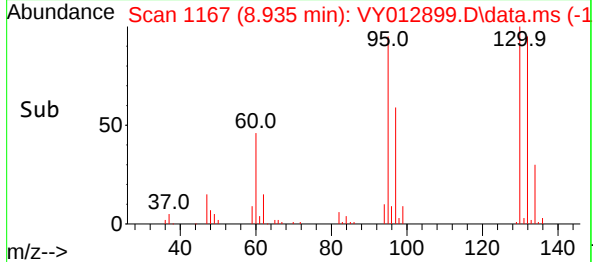
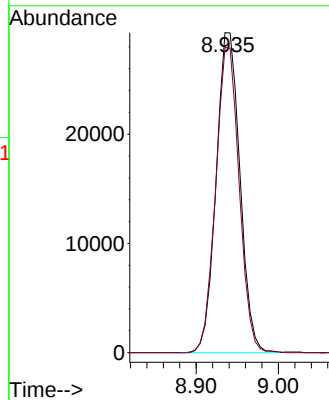
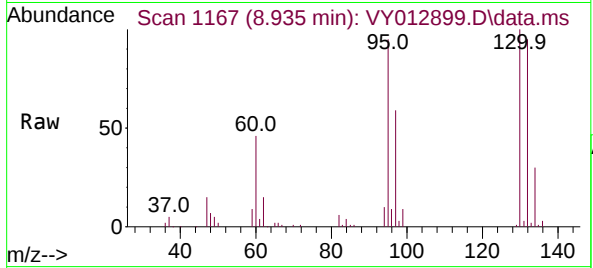




#44
Trichloroethene
Concen: 53.494 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY012899.D
Acq: 09 Mar 2023 15:15

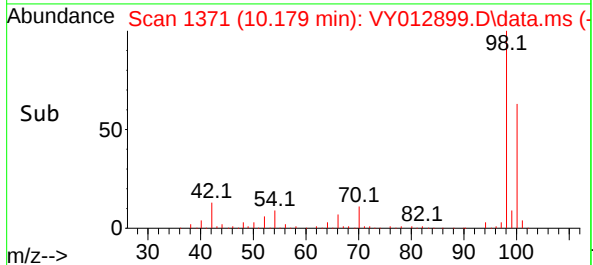
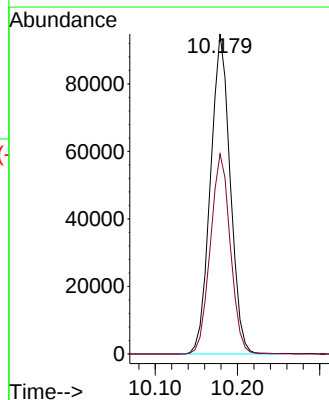
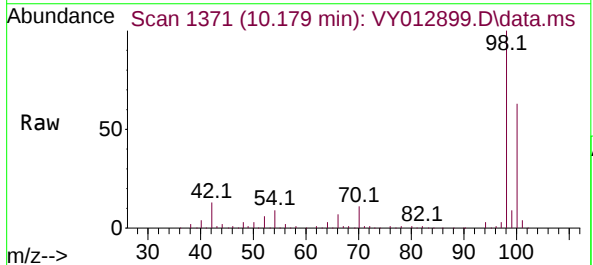
Instrument :
MSVOA_Y
ClientSampleId :
CB-10-4.5-030723

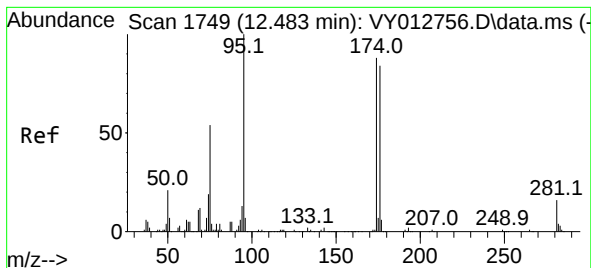
Tgt Ion:130 Resp: 58880
Ion Ratio Lower Upper
130 100
95 95.3 0.0 185.0



#50
Toluene-d8
Concen: 49.175 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012899.D
Acq: 09 Mar 2023 15:15

Tgt Ion: 98 Resp: 158324
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3

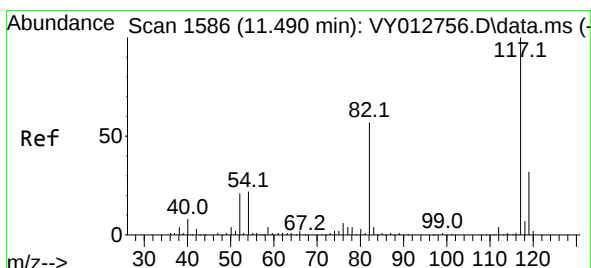
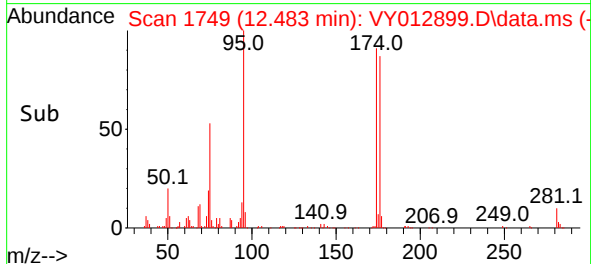
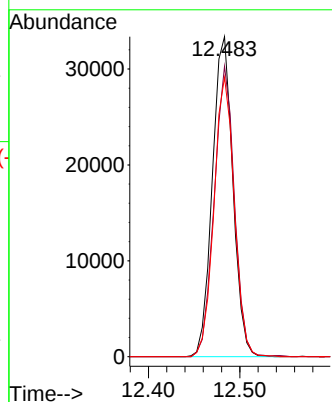
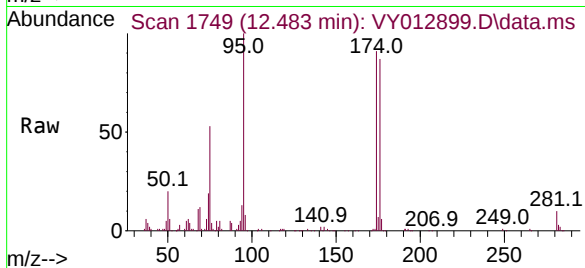




#62
4-Bromofluorobenzene
Concen: 47.796 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012899.D
Acq: 09 Mar 2023 15:15

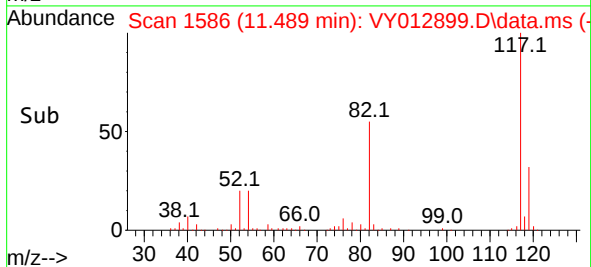
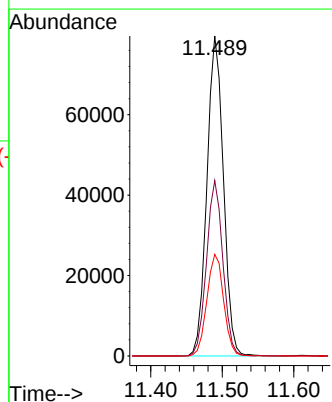
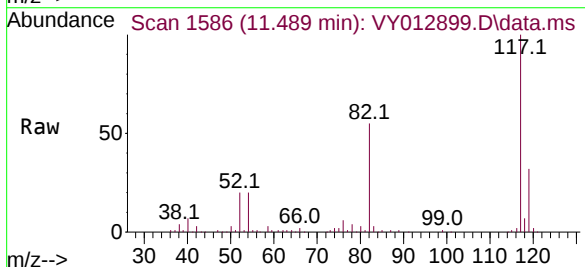
Instrument :
MSVOA_Y
ClientSampleId :
CB-10-4.5-030723

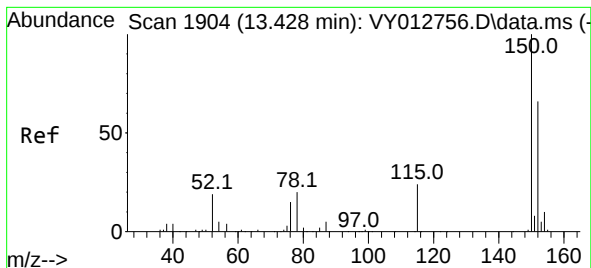
Tgt Ion:	95	Resp:	51940
Ion	Ratio	Lower	Upper
95	100		
174	89.4	0.0	176.6
176	86.8	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012899.D
Acq: 09 Mar 2023 15:15

Tgt Ion:	117	Resp:	127516
Ion	Ratio	Lower	Upper
117	100		
82	54.8	45.4	68.0
119	31.8	25.6	38.4

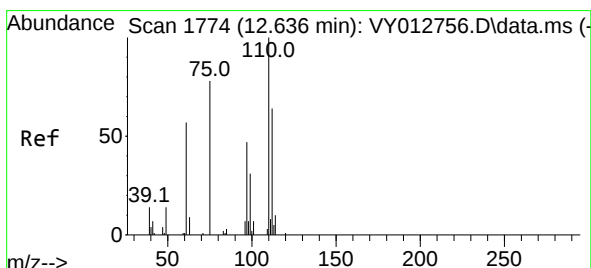
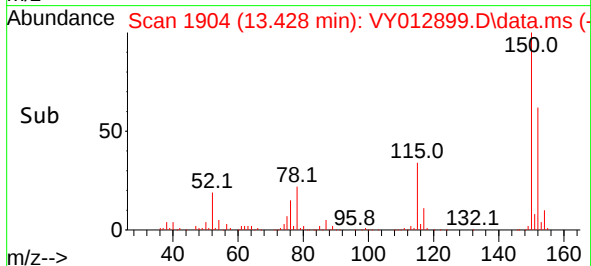
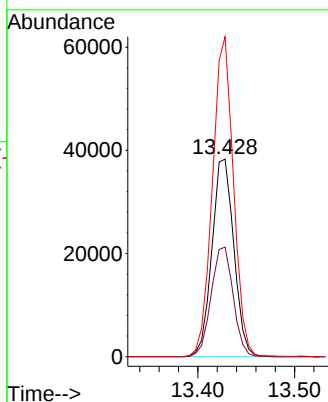
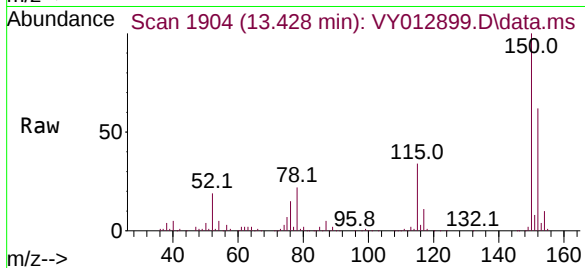




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012899.D
Acq: 09 Mar 2023 15:15

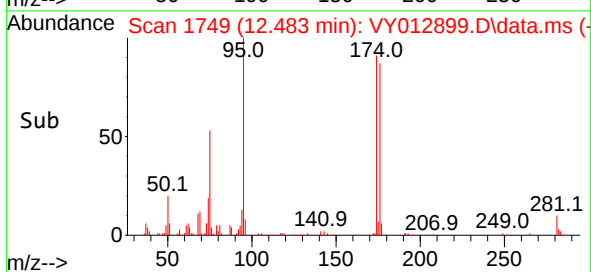
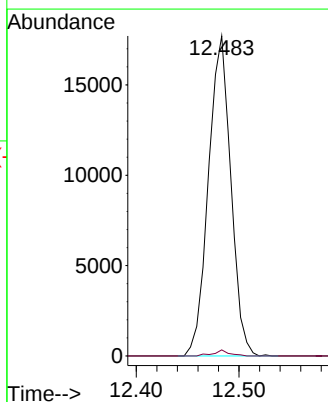
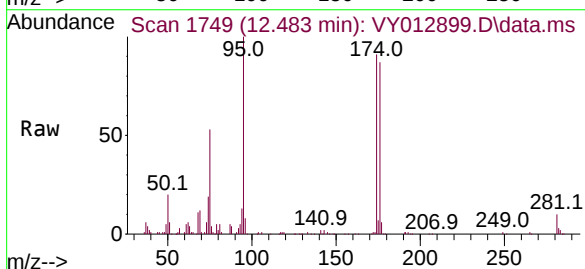
Instrument :
MSVOA_Y
ClientSampleId :
CB-10-4.5-030723

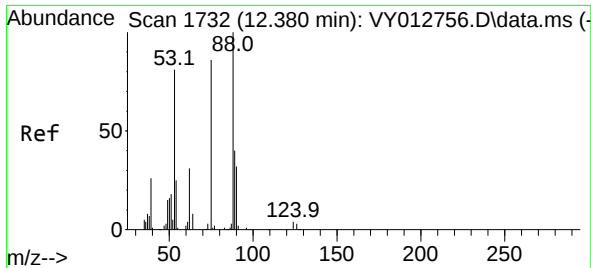
Tgt Ion:152 Resp: 60165
Ion Ratio Lower Upper
152 100
115 55.8 27.1 81.3
150 155.5 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 37.303 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012899.D
Acq: 09 Mar 2023 15:15

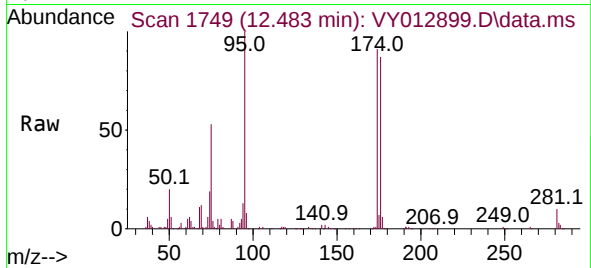
Tgt Ion: 75 Resp: 26801
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.293 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY012899.D
 Acq: 09 Mar 2023 15:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-10-4.5-030723



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	73.4	110.0#
89	0.1	36.6	55.0#

