

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
 Data File : VY013352.D
 Acq On : 19 Apr 2023 17:52
 Operator : KP/MD
 Sample : 02366-02
 Misc : 9.67g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 20 06:57:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

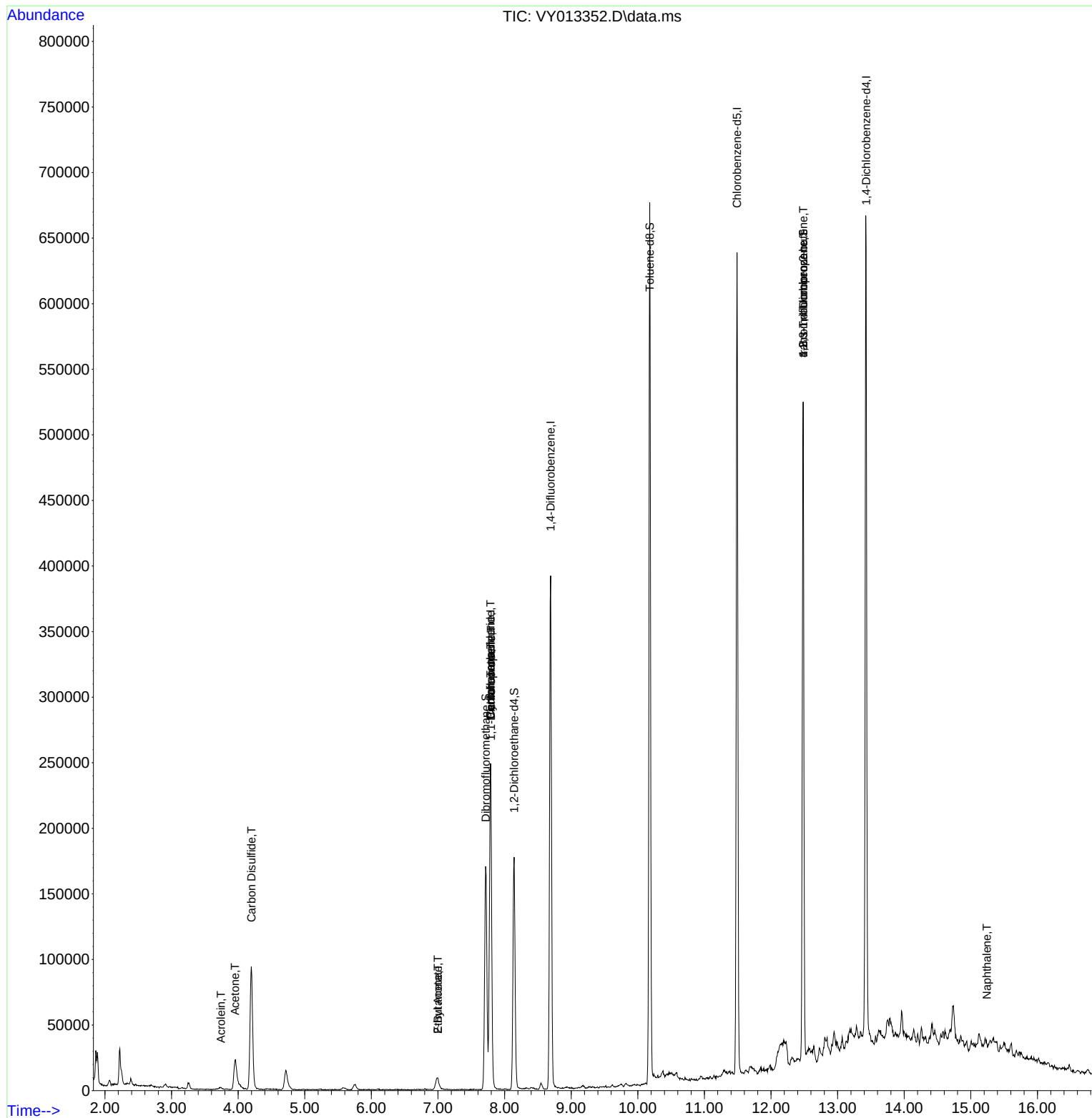
Internal Standards						
1) Pentafluorobenzene	7.789	168	195806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	333761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	336490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	157118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	137608	58.479	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.960%	
35) Dibromofluoromethane	7.716	113	119685	55.391	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.780%	
50) Toluene-d8	10.179	98	422881	52.580	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.160%	
62) 4-Bromofluorobenzene	12.483	95	148887	56.976	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.960%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	266	Below Cal	#	74
13) Acrolein	3.741	56	2000	6.919	ug/l #	74
16) Acetone	3.954	43	51265	63.363	ug/l	99
17) Carbon Disulfide	4.198	76	190574	31.417	ug/l	99
25) 2-Butanone	6.996	43	12429	11.998	ug/l	98
31) Cyclohexane	7.789	56	4588	1.289	ug/l #	14
36) 1,1-Dichloropropene	7.795	75	14827	4.530	ug/l #	49
37) Ethyl Acetate	6.996	43	12429	4.710	ug/l #	72
38) Carbon Tetrachloride	7.789	117	19027	5.257	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	78032	39.857	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	78032	82.722	ug/l #	13
95) Naphthalene	15.239	128	1317	3.383	ug/l #	85

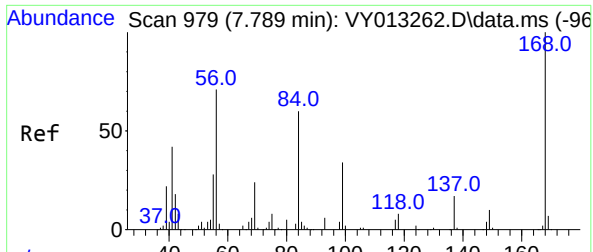
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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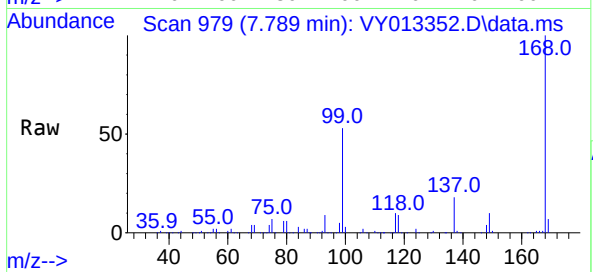
Quant Time: Apr 20 06:57:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration



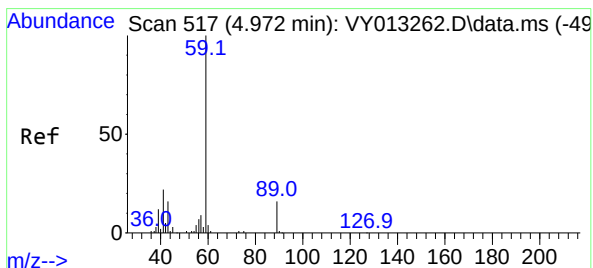
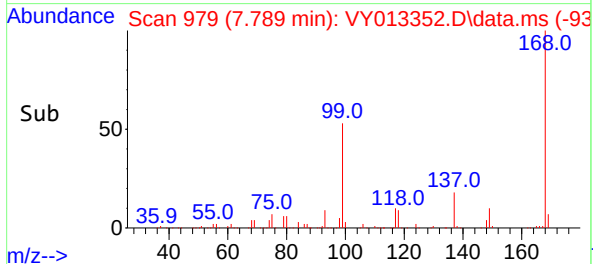
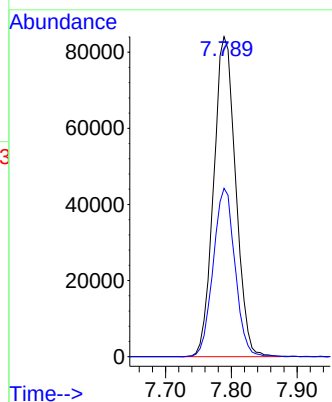


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013352.D
Acq: 19 Apr 2023 17:52

Instrument :
MSVOA_Y
ClientSampleId :

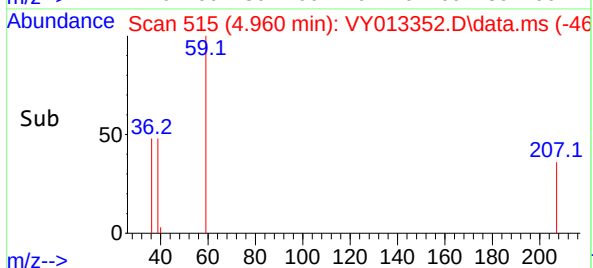
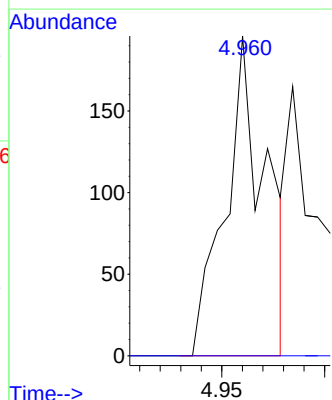
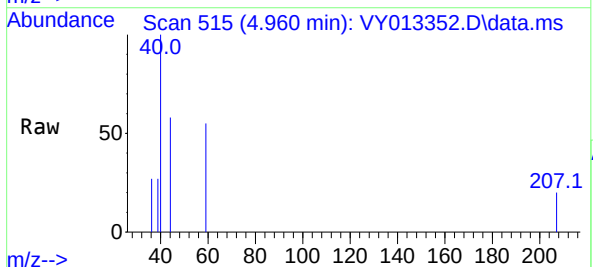


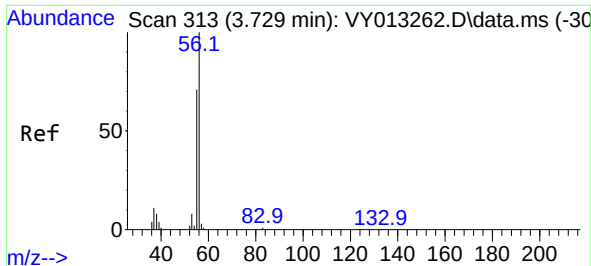
Tgt Ion:168 Resp: 195806
Ion Ratio Lower Upper
168 100
99 52.6 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY013352.D
Acq: 19 Apr 2023 17:52

Tgt Ion: 59 Resp: 266
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#13

Acrolein

Concen: 6.919 ug/l

RT: 3.741 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY013352.D

Acq: 19 Apr 2023 17:52

Instrument :

MSVOA_Y

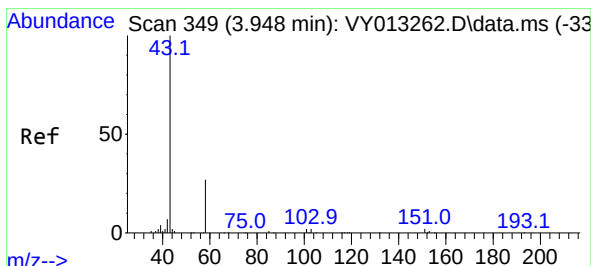
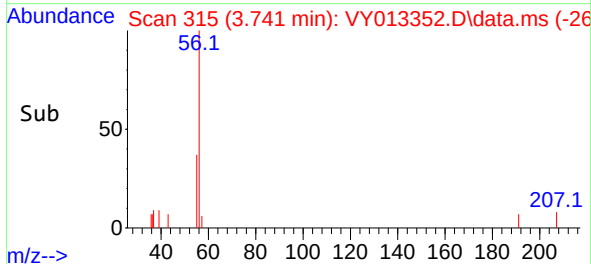
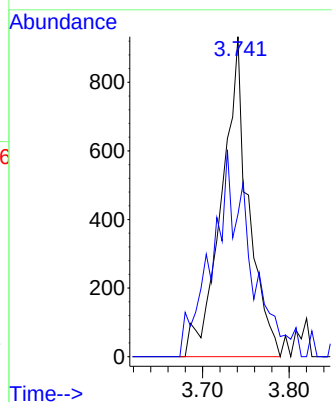
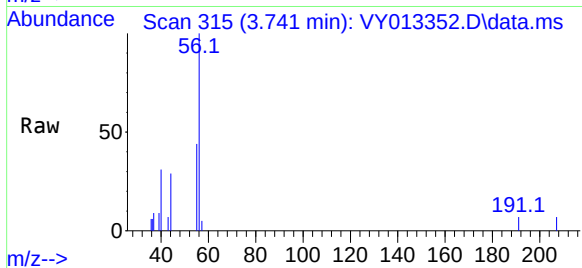
ClientSampleId :

Tgt Ion: 56 Resp: 2000

Ion Ratio Lower Upper

56 100

55 92.2 56.8 85.2#



#16

Acetone

Concen: 63.363 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY013352.D

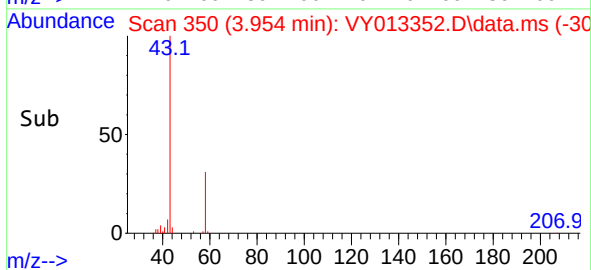
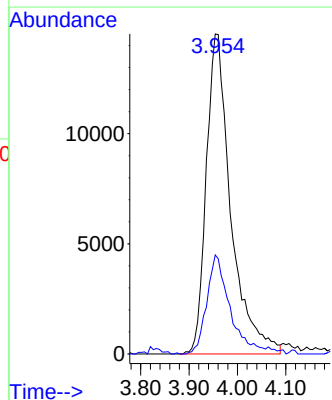
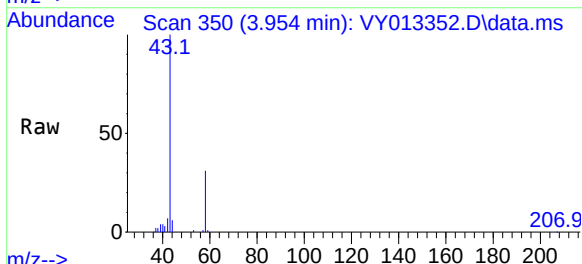
Acq: 19 Apr 2023 17:52

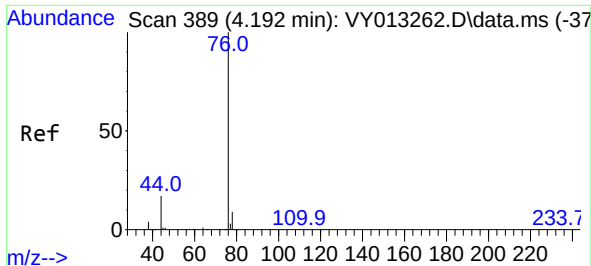
Tgt Ion: 43 Resp: 51265

Ion Ratio Lower Upper

43 100

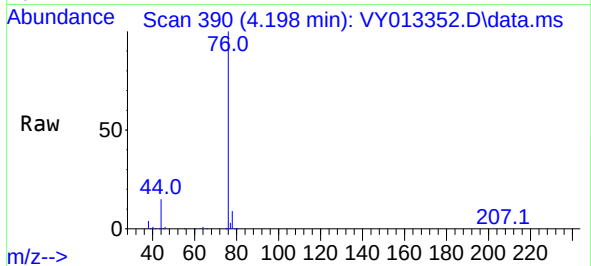
58 31.0 24.2 36.2



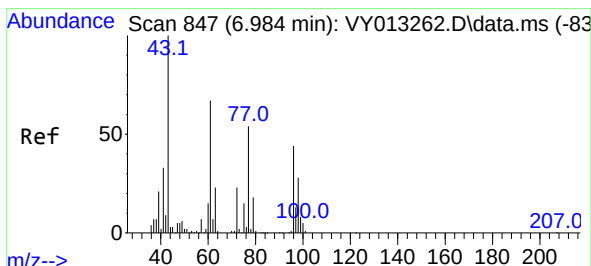
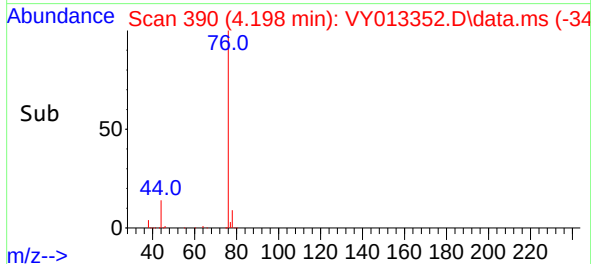
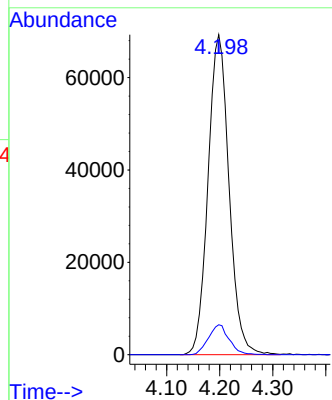


#17
Carbon Disulfide
Concen: 31.417 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY013352.D
Acq: 19 Apr 2023 17:52

Instrument :
MSVOA_Y
ClientSampleId :

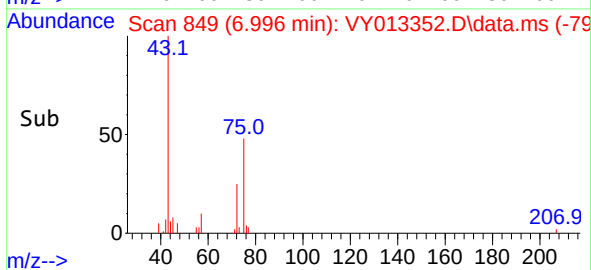
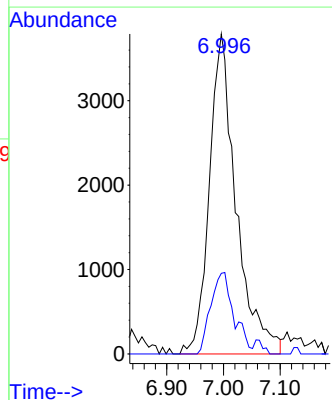
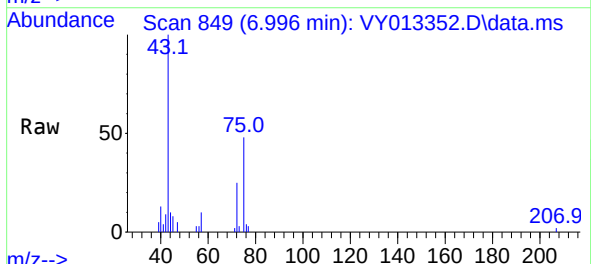


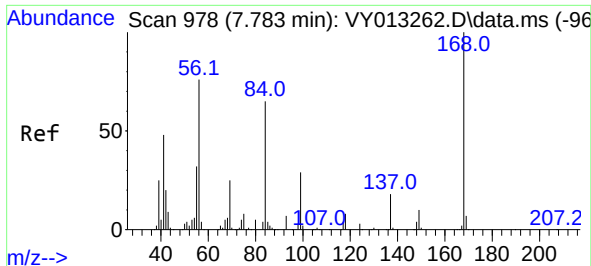
Tgt Ion: 76 Resp: 190574
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#25
2-Butanone
Concen: 11.998 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY013352.D
Acq: 19 Apr 2023 17:52

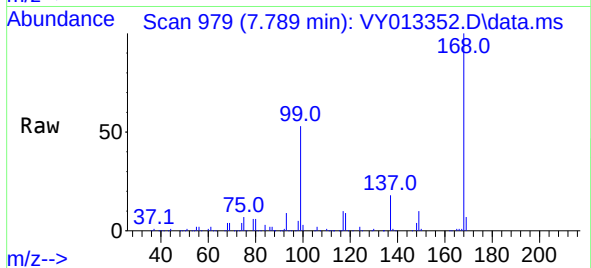
Tgt Ion: 43 Resp: 12429
Ion Ratio Lower Upper
43 100
72 25.2 21.0 31.4



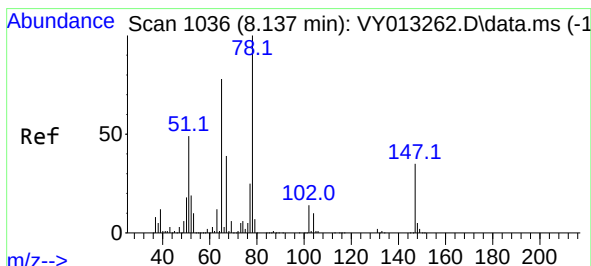
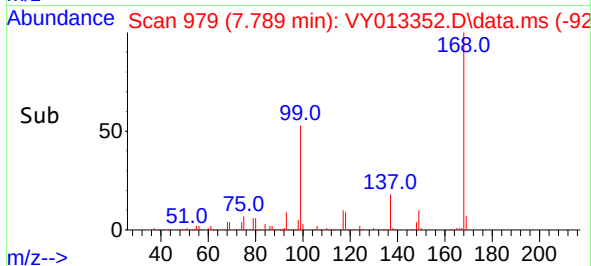
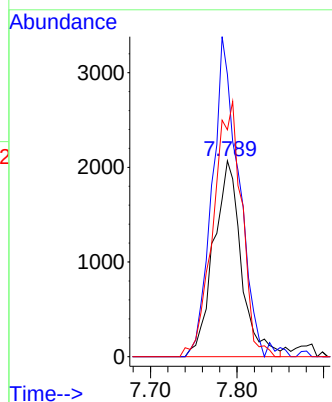


#31
Cyclohexane
Concen: 1.289 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013352.D
Acq: 19 Apr 2023 17:52

Instrument :
MSVOA_Y
ClientSampleId :

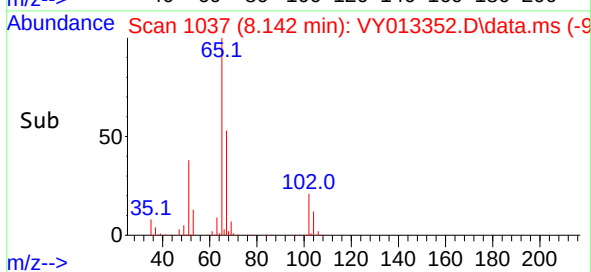
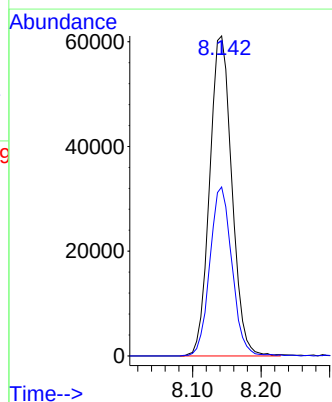
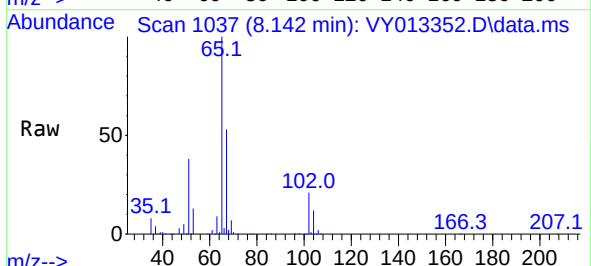


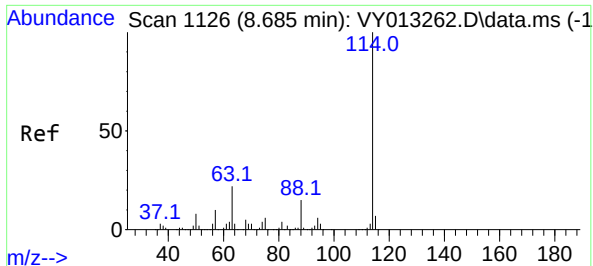
Tgt Ion: 56 Resp: 4588
Ion Ratio Lower Upper
56 100
69 144.1 25.7 38.5#
84 115.9 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 58.479 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013352.D
Acq: 19 Apr 2023 17:52

Tgt Ion: 65 Resp: 137608
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013352.D

Acq: 19 Apr 2023 17:52

Instrument :

MSVOA_Y

ClientSampleId :

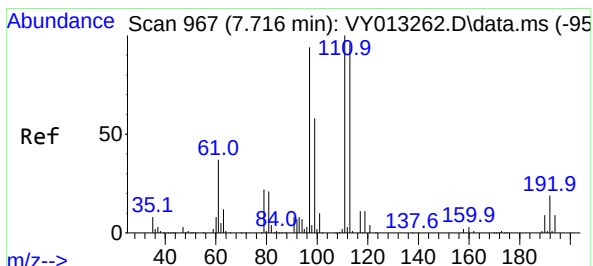
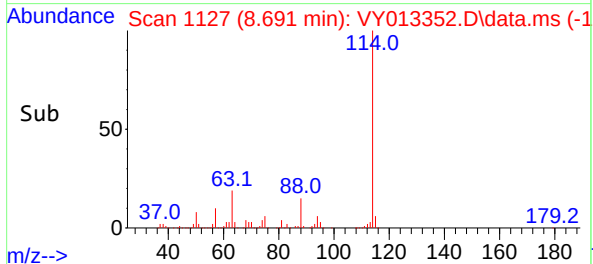
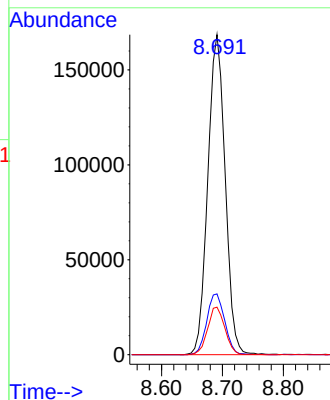
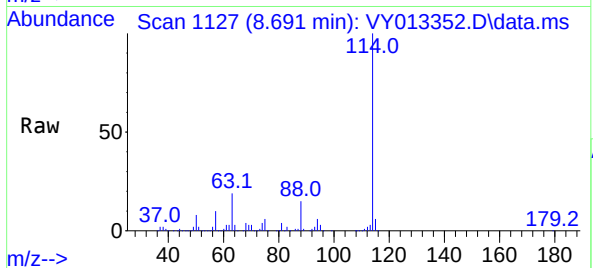
Tgt Ion:114 Resp: 333761

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

88 14.9 0.0 28.6



#35

Dibromofluoromethane

Concen: 55.391 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013352.D

Acq: 19 Apr 2023 17:52

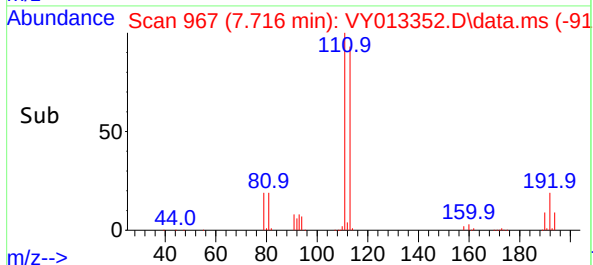
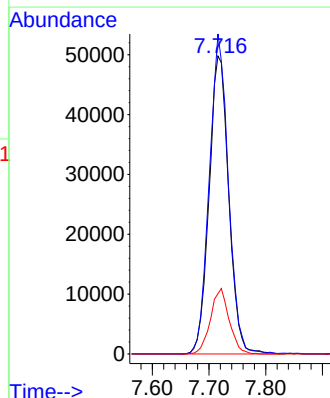
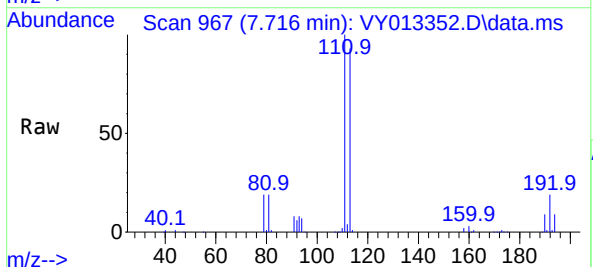
Tgt Ion:113 Resp: 119685

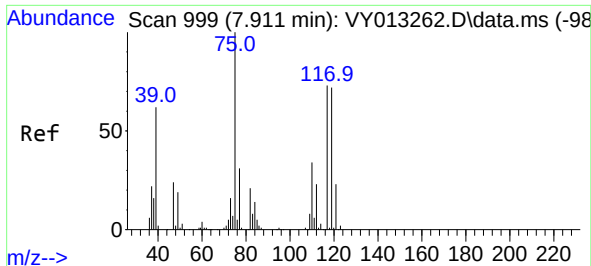
Ion Ratio Lower Upper

113 100

111 104.6 82.2 123.2

192 20.9 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.530 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.116 min

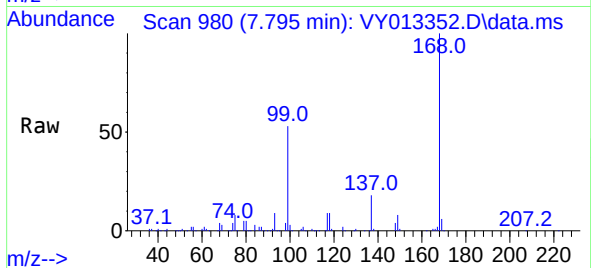
Lab File: VY013352.D

Acq: 19 Apr 2023 17:52

Instrument :

MSVOA_Y

ClientSampleId :



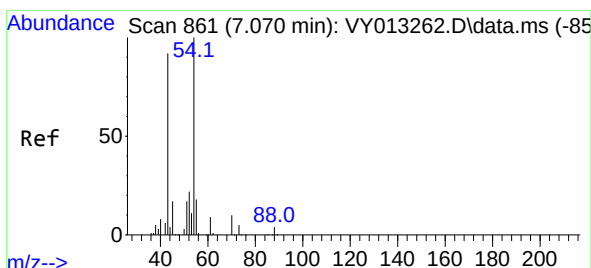
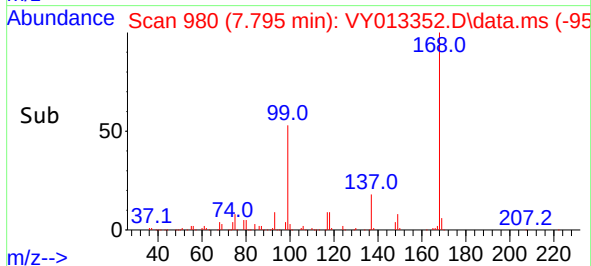
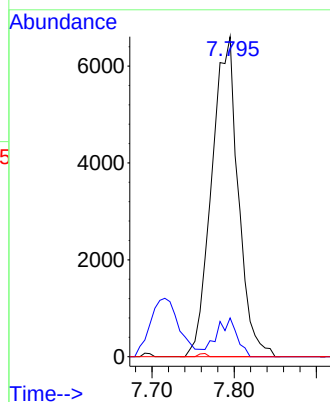
Tgt Ion: 75 Resp: 14827

Ion Ratio Lower Upper

75 100

110 9.1 17.8 53.3#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 4.710 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.073 min

Lab File: VY013352.D

Acq: 19 Apr 2023 17:52

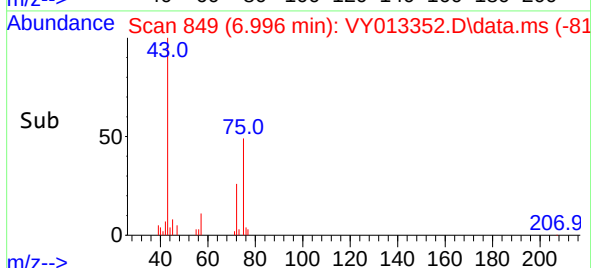
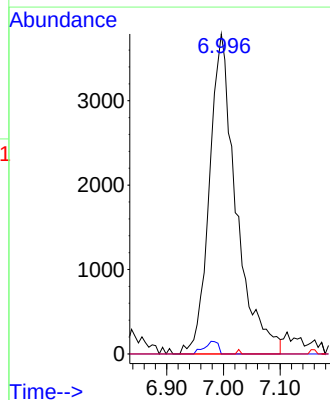
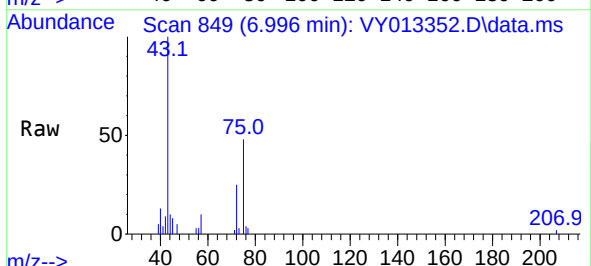
Tgt Ion: 43 Resp: 12429

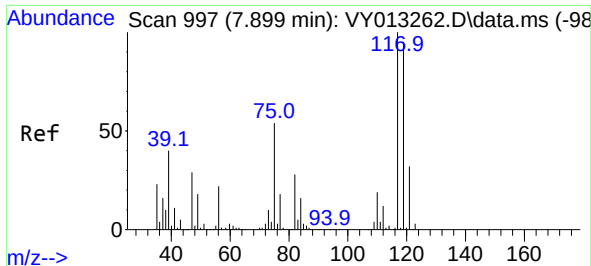
Ion Ratio Lower Upper

43 100

61 2.0 10.7 16.1#

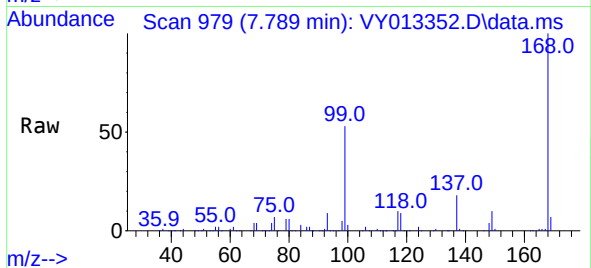
70 0.0 7.8 11.8#



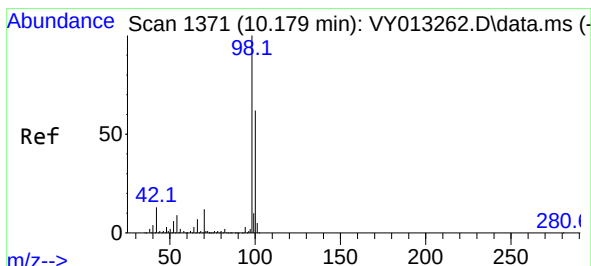
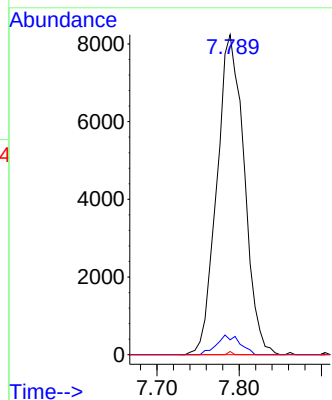
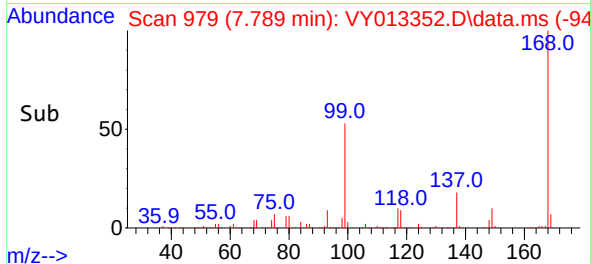


#38
Carbon Tetrachloride
Concen: 5.257 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013352.D
Acq: 19 Apr 2023 17:52

Instrument :
MSVOA_Y
ClientSampleId :

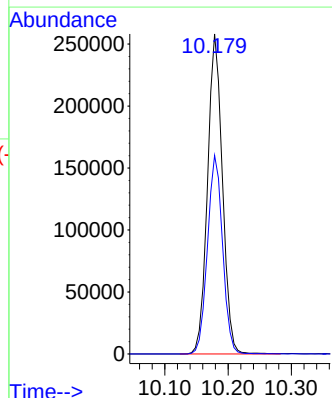
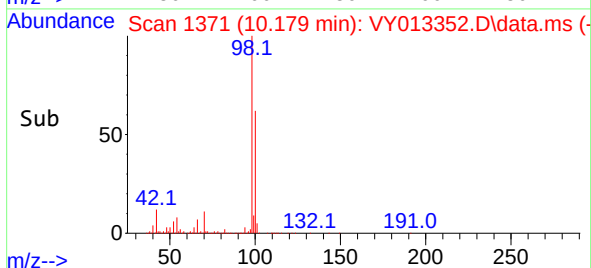
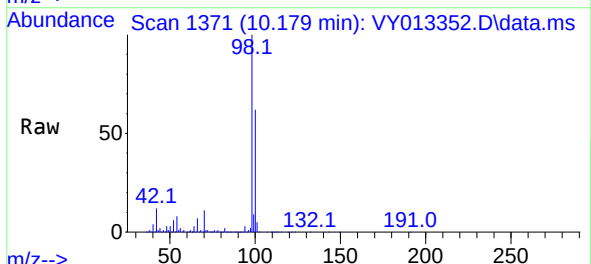


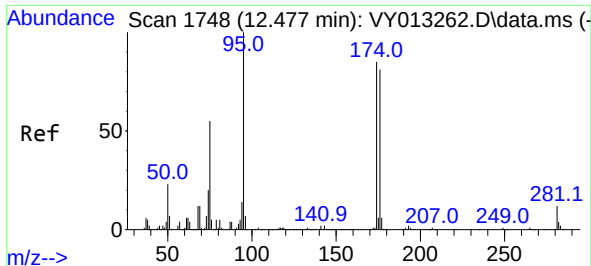
Tgt Ion:117 Resp: 19027
Ion Ratio Lower Upper
117 100
119 4.6 77.2 115.8#
121 1.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.580 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013352.D
Acq: 19 Apr 2023 17:52

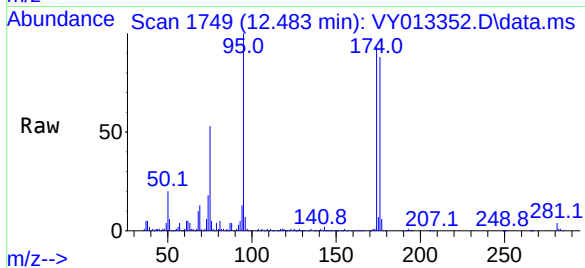
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Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3



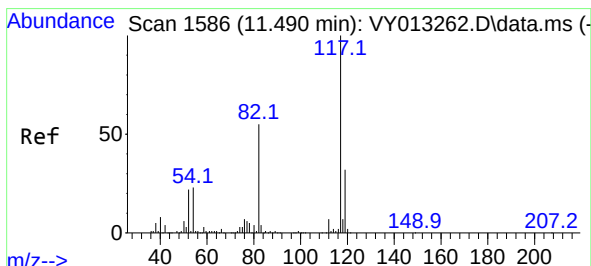
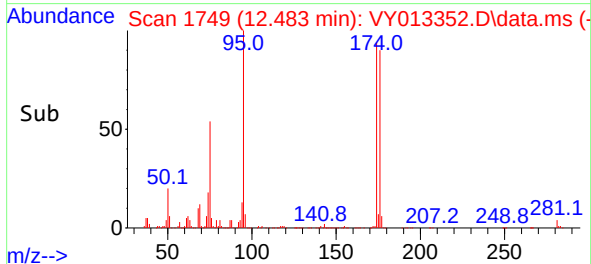
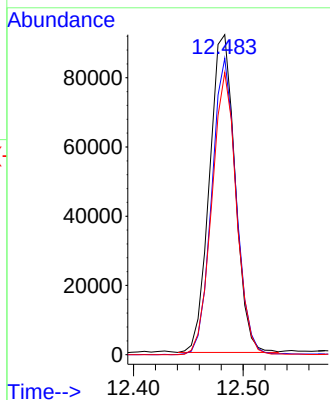


#62
4-Bromofluorobenzene
Concen: 56.976 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013352.D
Acq: 19 Apr 2023 17:52

Instrument :
MSVOA_Y
ClientSampleId :

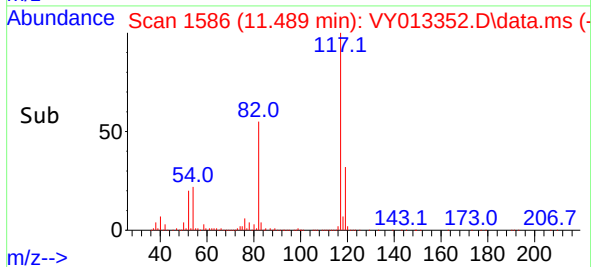
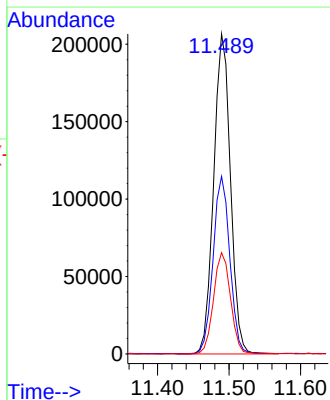
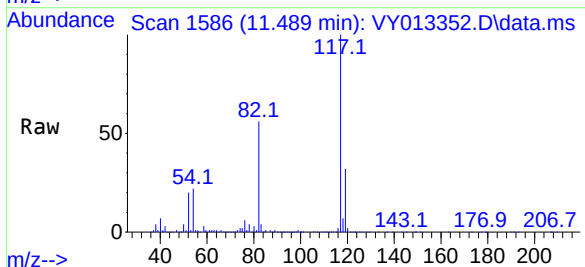


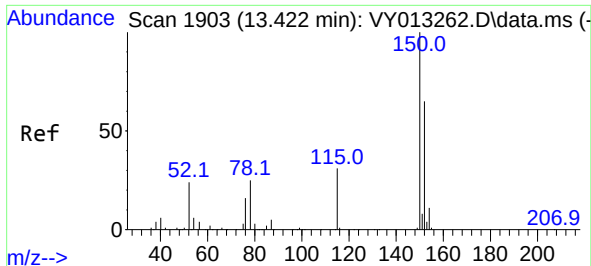
Tgt Ion: 95 Resp: 148887
Ion Ratio Lower Upper
95 100
174 89.4 0.0 176.6
176 85.3 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013352.D
Acq: 19 Apr 2023 17:52

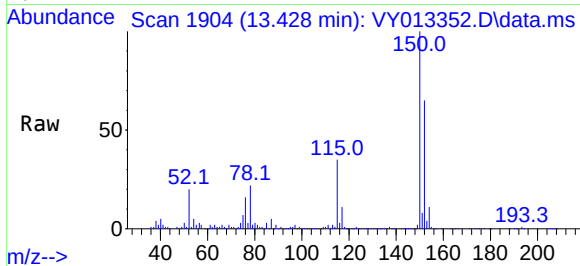
Tgt Ion: 117 Resp: 336490
Ion Ratio Lower Upper
117 100
82 55.4 45.4 68.0
119 31.6 25.6 38.4



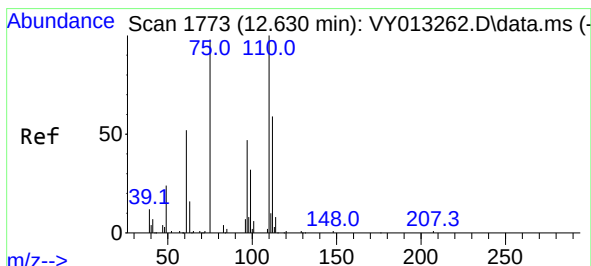
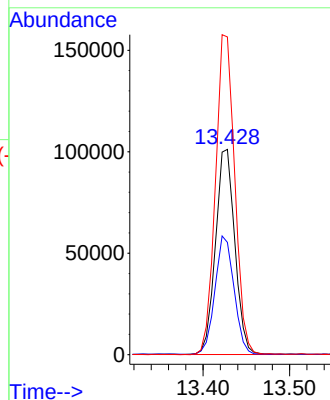
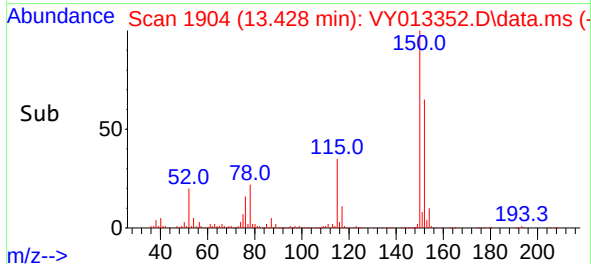


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY013352.D
Acq: 19 Apr 2023 17:52

Instrument :
MSVOA_Y
ClientSampleId :

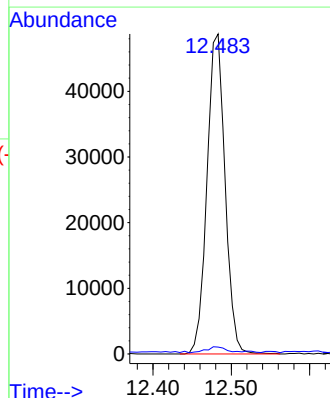
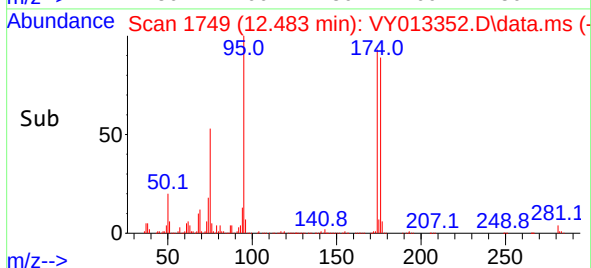
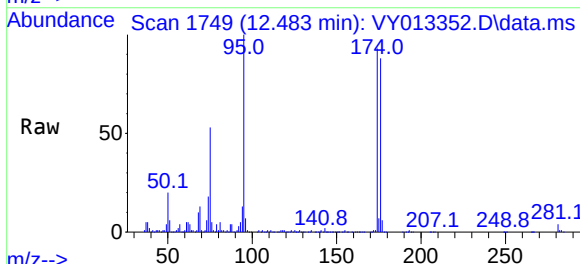


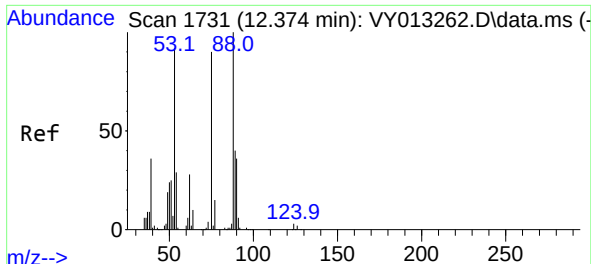
Tgt Ion:152 Resp: 157118
Ion Ratio Lower Upper
152 100
115 57.0 27.1 81.3
150 155.6 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 39.857 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY013352.D
Acq: 19 Apr 2023 17:52

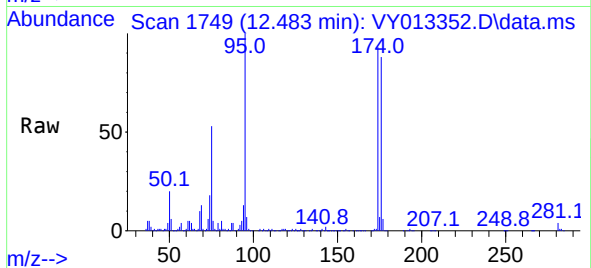
Tgt Ion: 75 Resp: 78032
Ion Ratio Lower Upper
75 100
77 2.2 0.0 0.0#



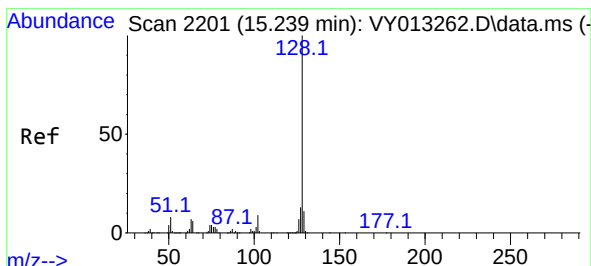
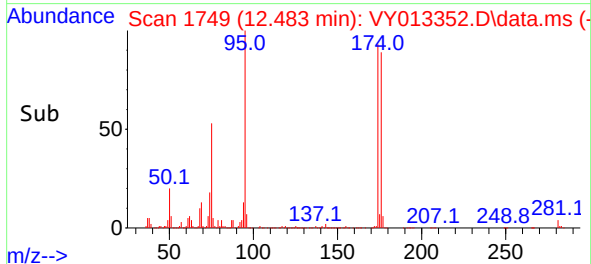
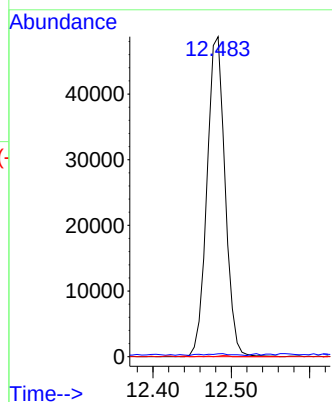


#81
trans-1,4-Dichloro-2-butene
Concen: 82.722 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY013352.D
Acq: 19 Apr 2023 17:52

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 78032
Ion Ratio Lower Upper
75 100
53 0.6 73.4 110.0#
89 0.2 36.6 55.0#



#95
Naphthalene
Concen: 3.383 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY013352.D
Acq: 19 Apr 2023 17:52

Tgt Ion:128 Resp: 1317
Ion Ratio Lower Upper
128 100
127 20.0 10.3 15.5#
129 15.1 8.6 13.0#

