

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111522\
 Data File : VY011462.D
 Acq On : 15 Nov 2022 16:46
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Nov 16 00:22:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

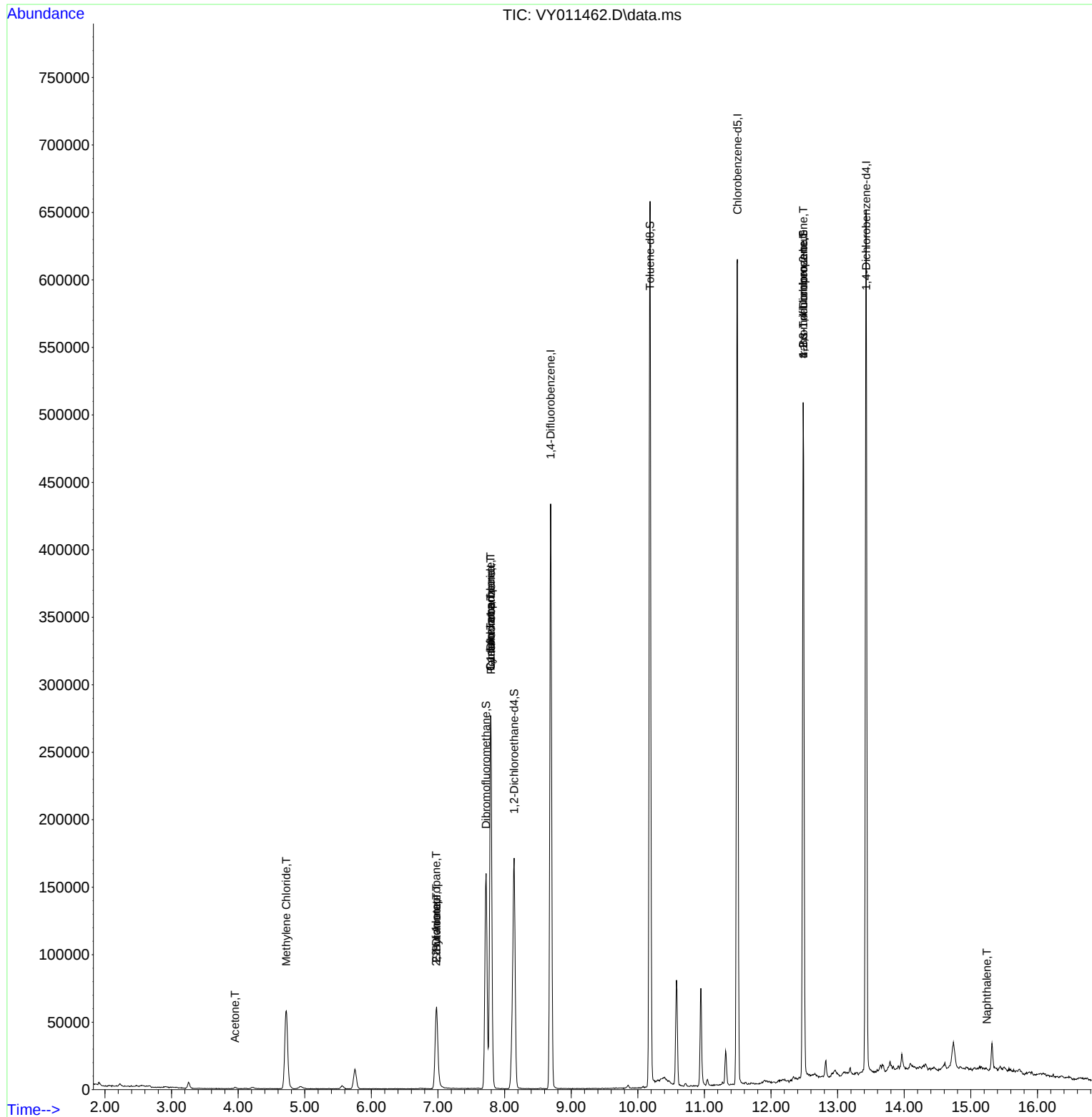
Internal Standards						
1) Pentafluorobenzene	7.795	168	229153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	387007	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	376802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	172731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	114625	59.693	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.380%			
35) Dibromofluoromethane	7.722	113	116606	53.763	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.520%			
50) Toluene-d8	10.185	98	452044	54.557	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.120%			
62) 4-Bromofluorobenzene	12.483	95	156410	54.121	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	1888	Below Cal		86
11) Tert butyl alcohol	4.930	59	977	Below Cal	#	77
16) Acetone	3.954	43	1624	3.205	ug/l #	71
18) Methyl Acetate	4.479	43	38	Below Cal	#	56
20) Methylene Chloride	4.722	84	48585	11.935	ug/l #	81
25) 2-Butanone	6.978	43	2695	3.734	ug/l	96
26) 2,2-Dichloropropane	6.972	77	4809	1.333	ug/l #	55
31) Cyclohexane	7.789	56	3770	1.093	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	16164	4.802	ug/l #	51
37) Ethyl Acetate	6.978	43	2695	1.667	ug/l #	74
38) Carbon Tetrachloride	7.789	117	21531	5.880	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	73239	36.630	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	73239	88.048	ug/l #	8
95) Naphthalene	15.239	128	866	3.399	ug/l #	79

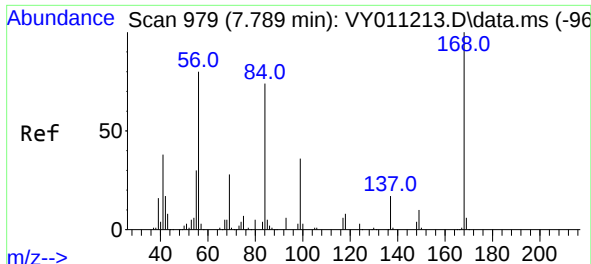
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
Quant Title : SW846 8260
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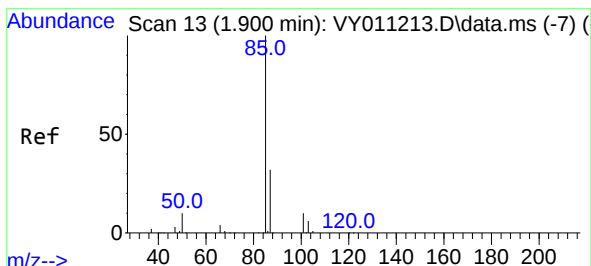
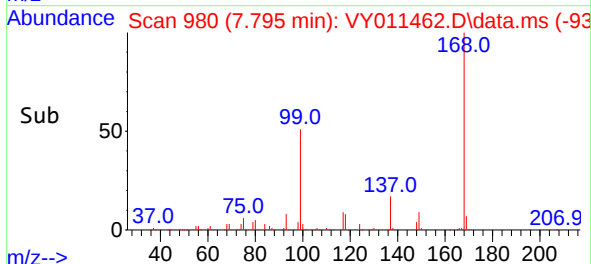
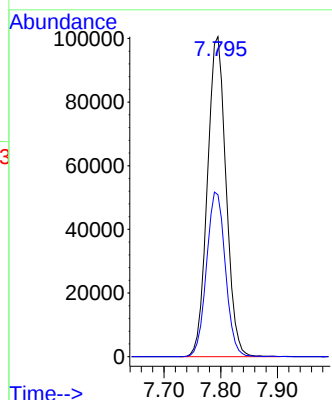
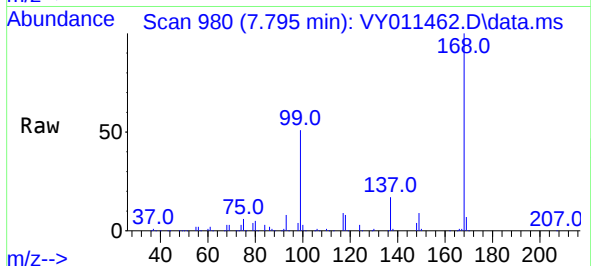




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011462.D
Acq: 15 Nov 2022 16:46

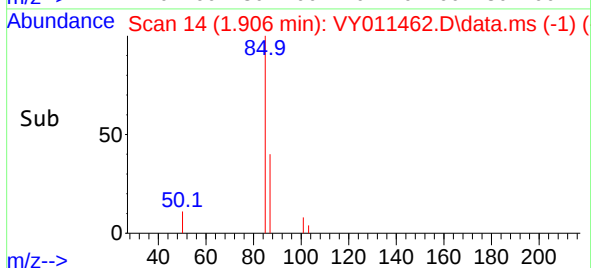
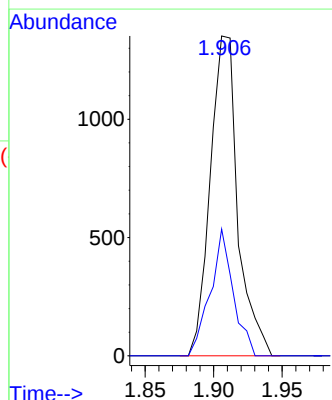
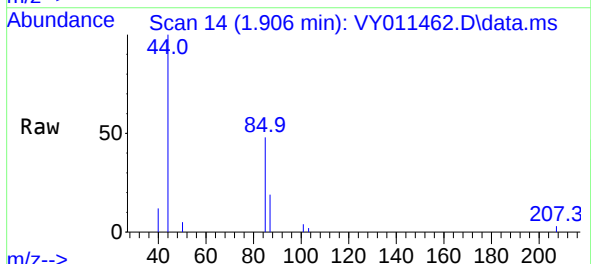
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

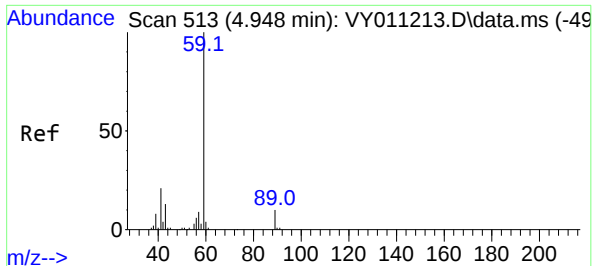
Tgt Ion:168 Resp: 229153
Ion Ratio Lower Upper
168 100
99 50.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY011462.D
Acq: 15 Nov 2022 16:46

Tgt Ion: 85 Resp: 1888
Ion Ratio Lower Upper
85 100
87 39.6 16.1 48.2





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.930 min Scan# 513

Delta R.T. -0.024 min

Lab File: VY011462.D

Acq: 15 Nov 2022 16:46

Instrument :

MSVOA_Y

ClientSampleId :

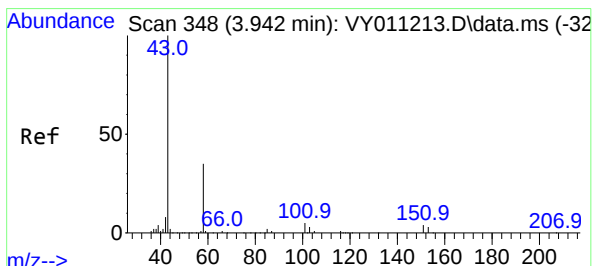
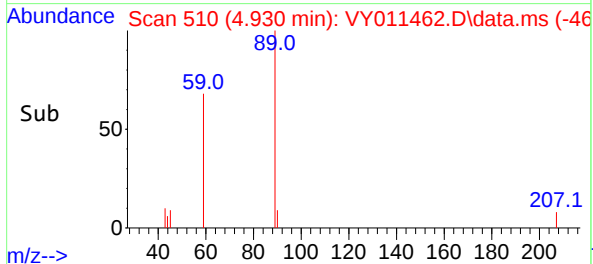
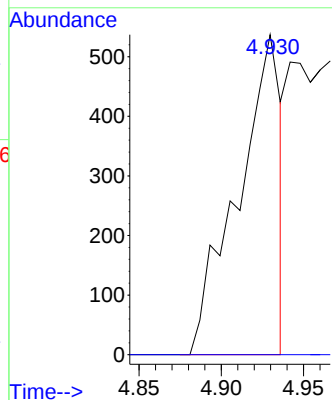
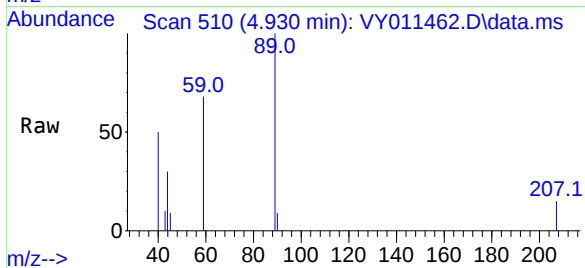
VIBLK

Tgt Ion: 59 Resp: 977

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 3.205 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY011462.D

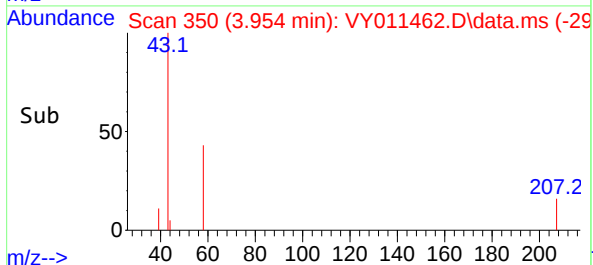
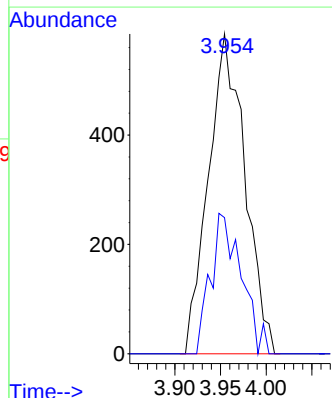
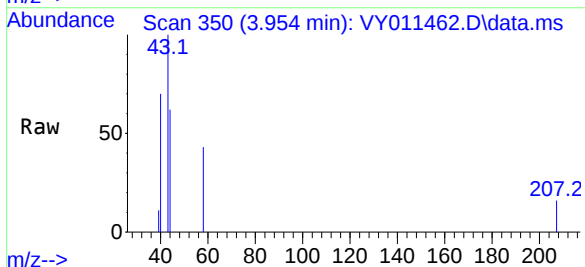
Acq: 15 Nov 2022 16:46

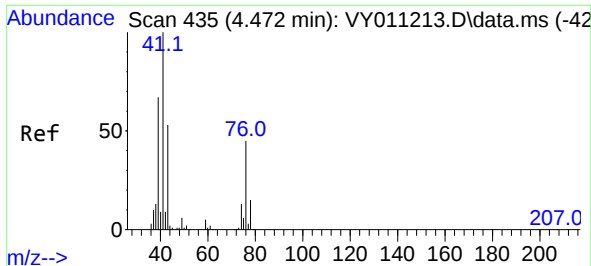
Tgt Ion: 43 Resp: 1624

Ion Ratio Lower Upper

43 100

58 42.6 22.0 33.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.479 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY011462.D

Acq: 15 Nov 2022 16:46

Instrument :

MSVOA_Y

ClientSampleId :

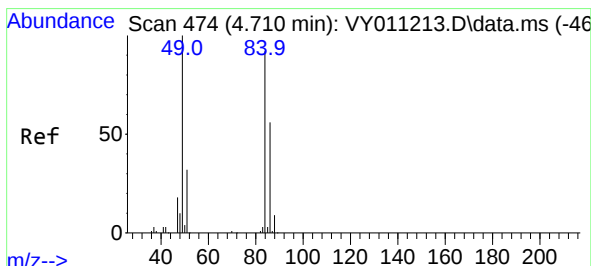
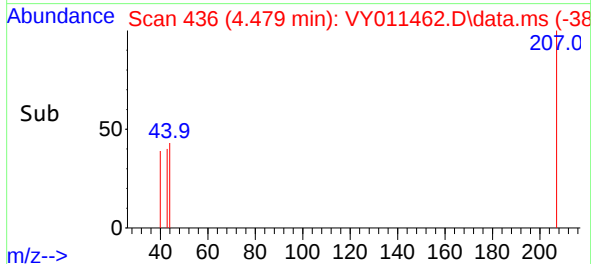
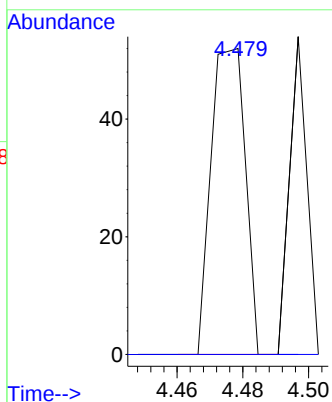
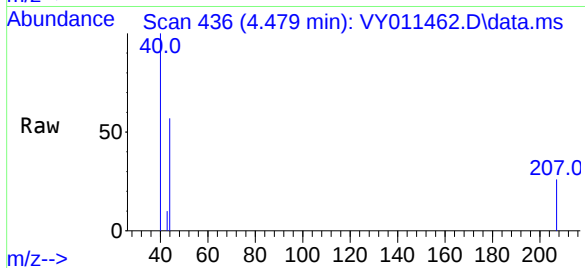
VIBLK

Tgt Ion: 43 Resp: 38

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: 11.935 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.012 min

Lab File: VY011462.D

Acq: 15 Nov 2022 16:46

Tgt Ion: 84 Resp: 48585

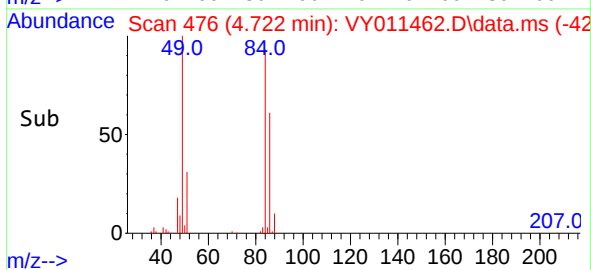
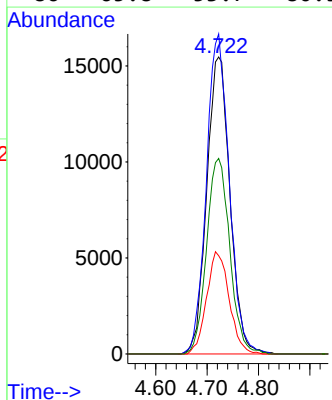
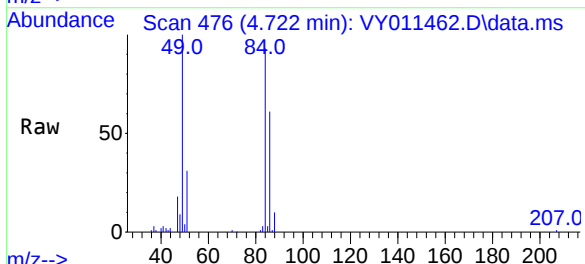
Ion Ratio Lower Upper

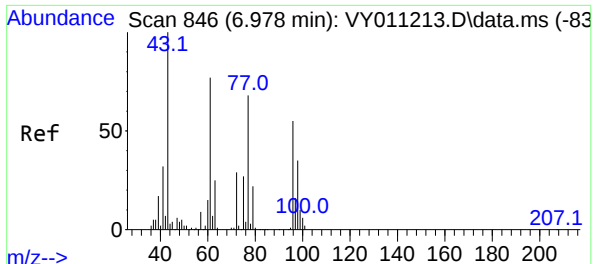
84 100

49 107.8 114.4 171.6#

51 33.1 35.3 52.9#

86 65.8 53.7 80.5





#25

2-Butanone

Concen: 3.734 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY011462.D

Acq: 15 Nov 2022 16:46

Instrument :

MSVOA_Y

ClientSampleId :

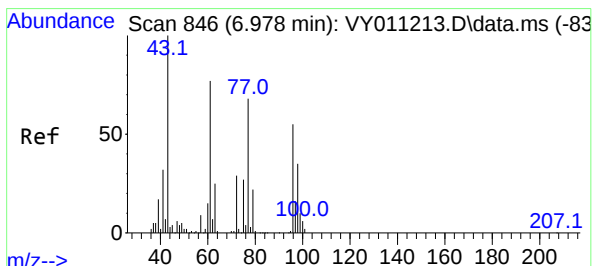
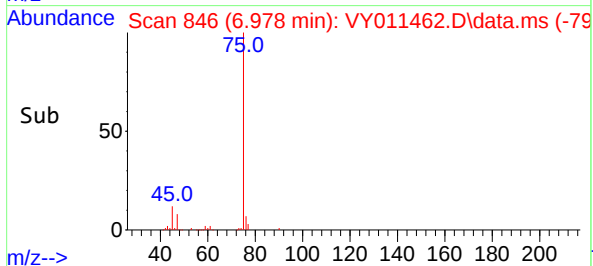
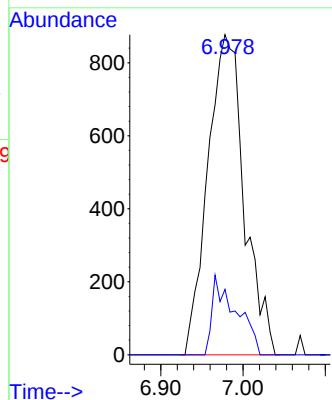
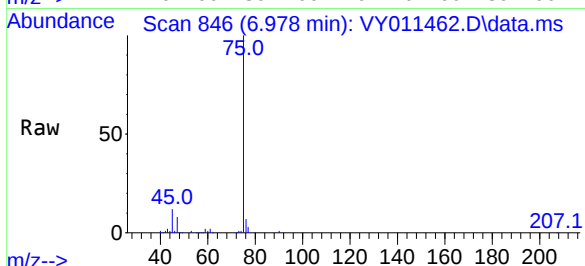
VIBLK

Tgt Ion: 43 Resp: 2695

Ion Ratio Lower Upper

43 100

72 20.4 17.7 26.5



#26

2,2-Dichloropropane

Concen: 1.333 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY011462.D

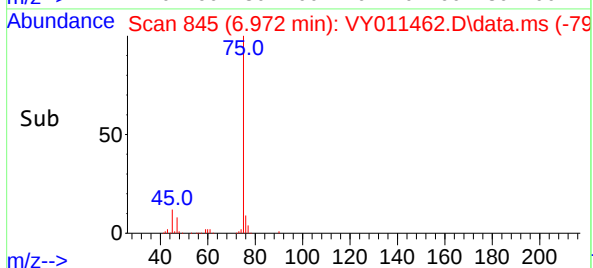
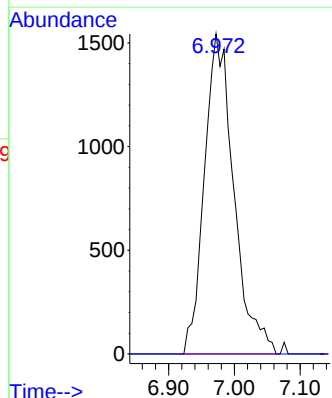
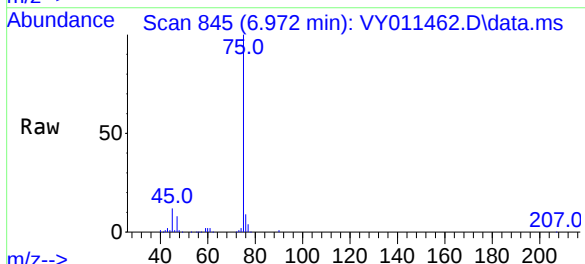
Acq: 15 Nov 2022 16:46

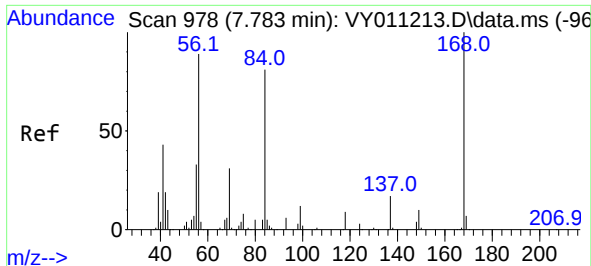
Tgt Ion: 77 Resp: 4809

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#

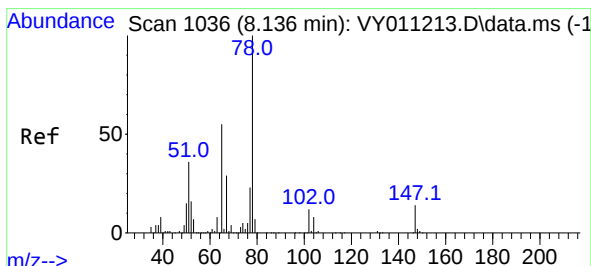
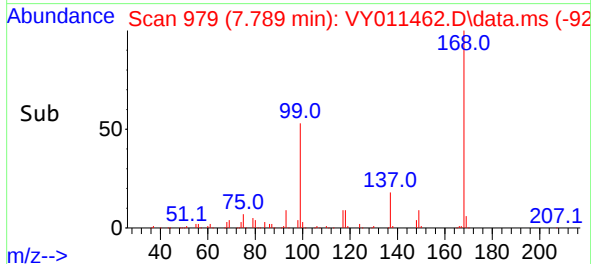
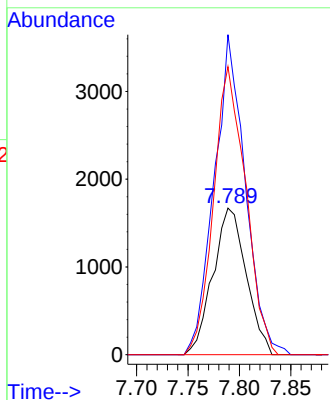
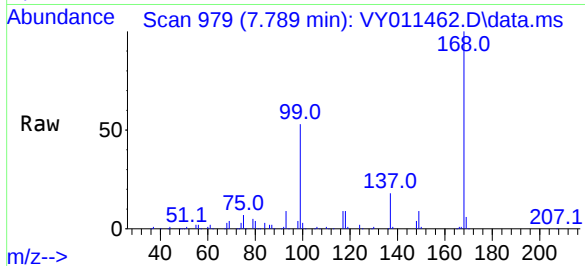




#31
Cyclohexane
Concen: 1.093 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011462.D
Acq: 15 Nov 2022 16:46

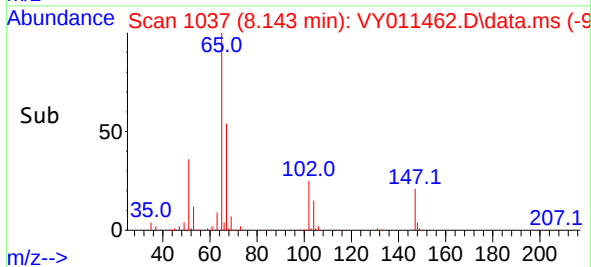
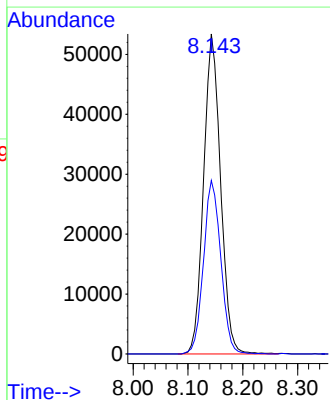
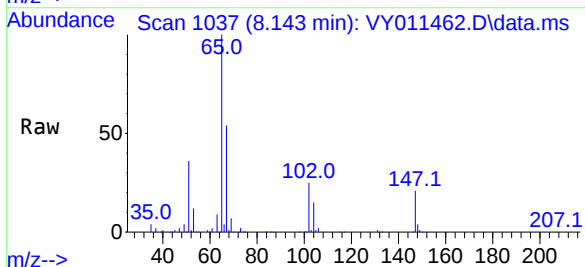
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

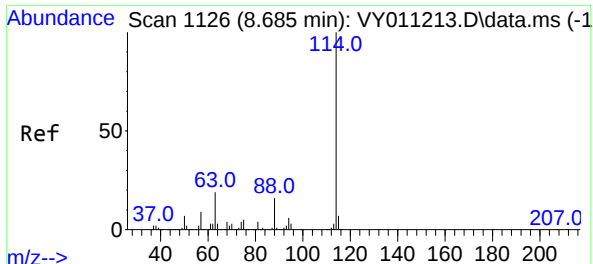
Tgt Ion: 56 Resp: 3770
Ion Ratio Lower Upper
56 100
69 218.3 26.7 40.1#
84 196.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 59.693 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY011462.D
Acq: 15 Nov 2022 16:46

Tgt Ion: 65 Resp: 114625
Ion Ratio Lower Upper
65 100
67 55.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY011462.D

Acq: 15 Nov 2022 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

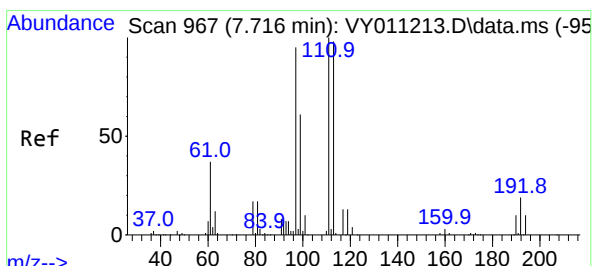
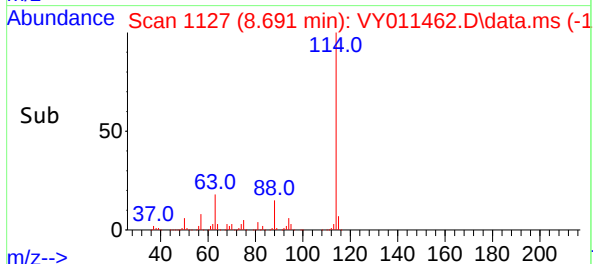
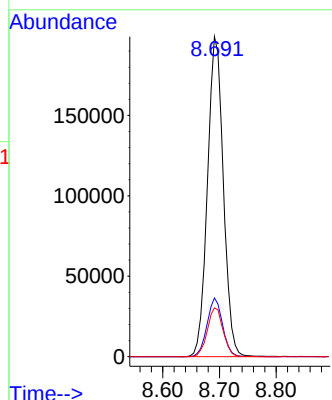
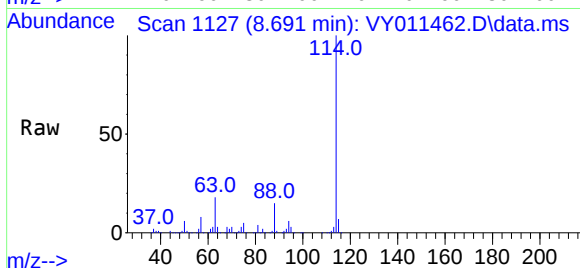
Tgt Ion:114 Resp: 387007

Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.763 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.012 min

Lab File: VY011462.D

Acq: 15 Nov 2022 16:46

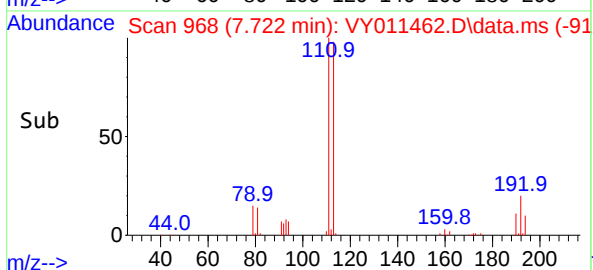
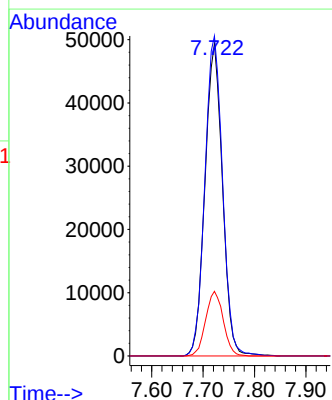
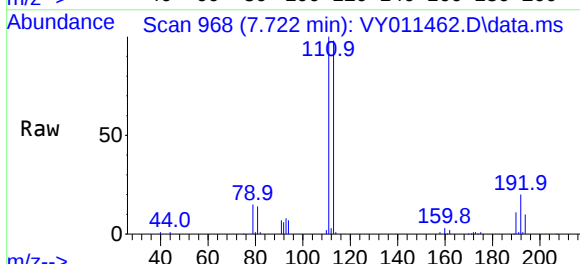
Tgt Ion:113 Resp: 116606

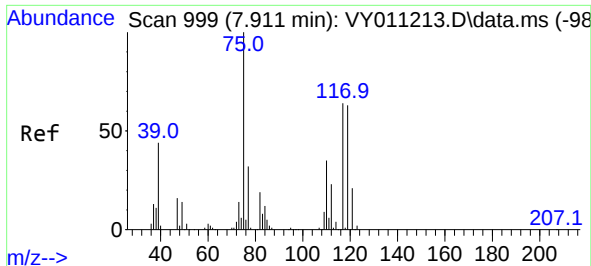
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 20.8 17.6 26.4

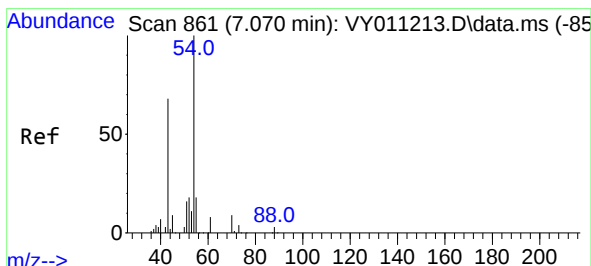
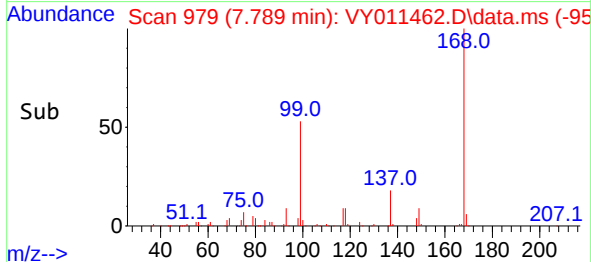
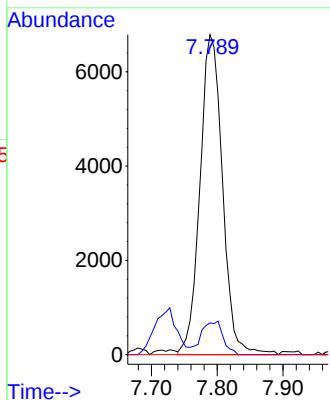
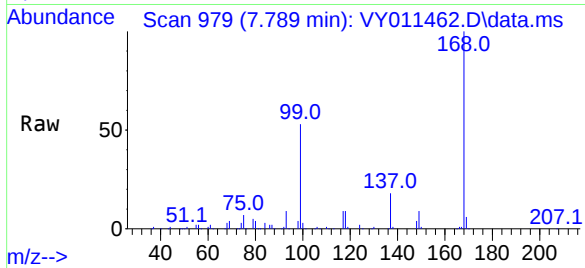




#36
1,1-Dichloropropene
Concen: 4.802 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY011462.D
Acq: 15 Nov 2022 16:46

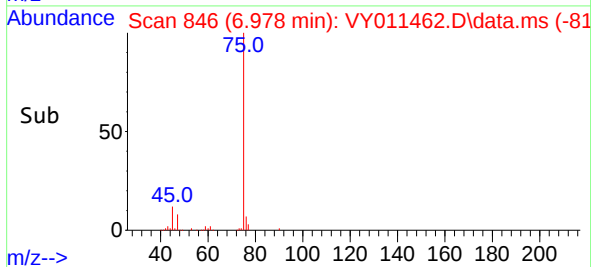
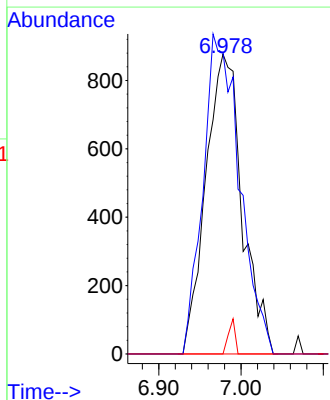
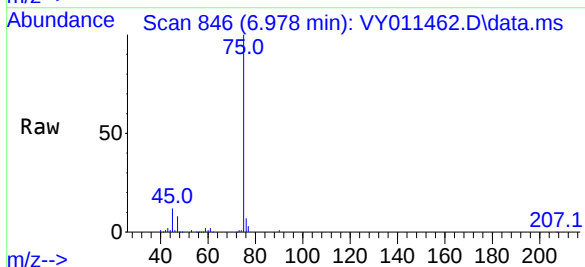
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

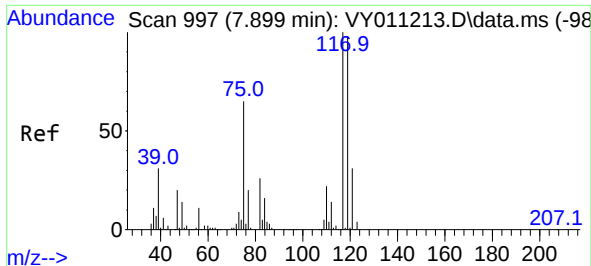
Tgt Ion: 75 Resp: 16164
Ion Ratio Lower Upper
75 100
110 10.0 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.667 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.092 min
Lab File: VY011462.D
Acq: 15 Nov 2022 16:46

Tgt Ion: 43 Resp: 2695
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 2.1 7.1 10.7#

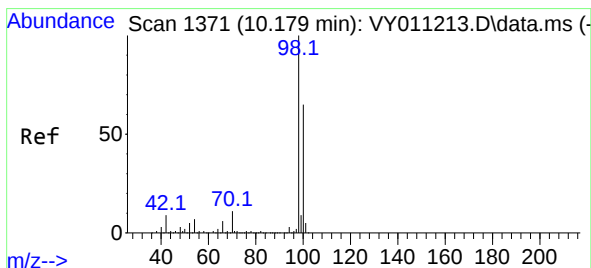
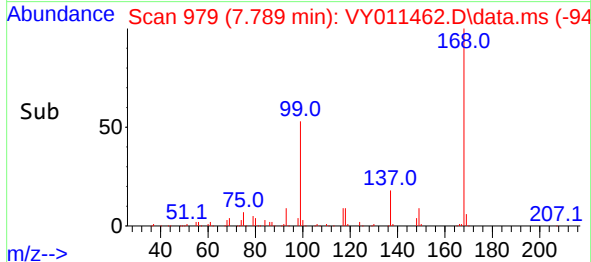
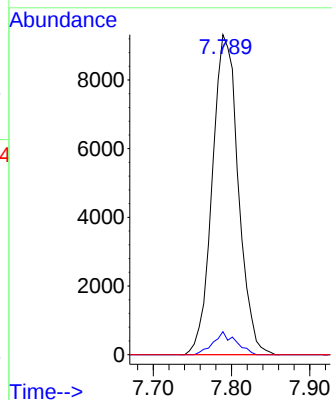
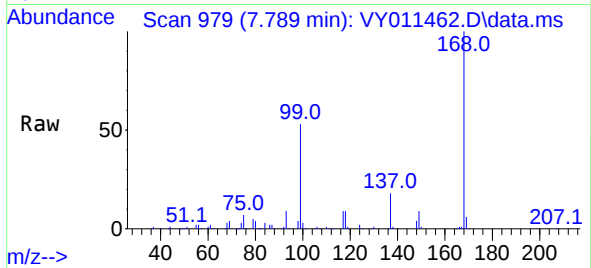




#38
Carbon Tetrachloride
Concen: 5.880 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011462.D
Acq: 15 Nov 2022 16:46

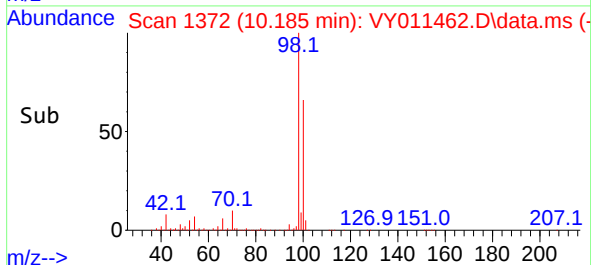
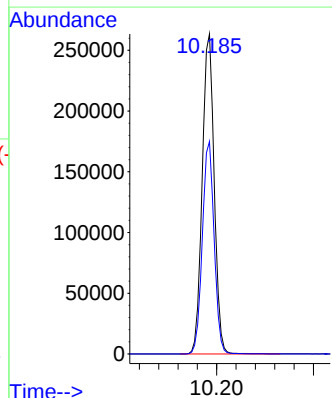
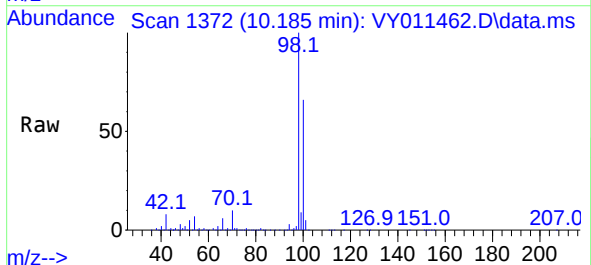
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

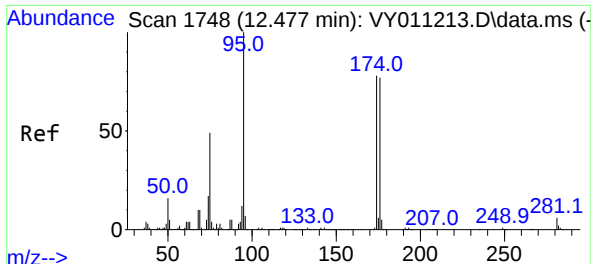
Tgt Ion:117 Resp: 21531
Ion Ratio Lower Upper
117 100
119 7.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.557 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY011462.D
Acq: 15 Nov 2022 16:46

Tgt Ion: 98 Resp: 452044
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

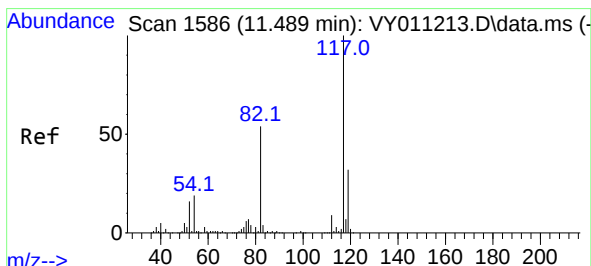
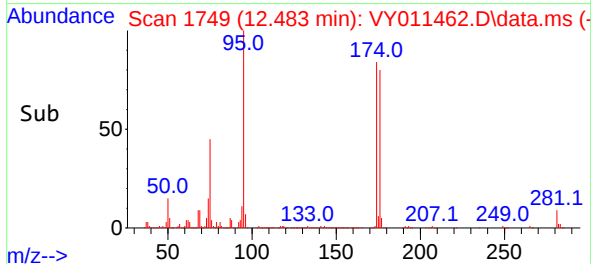
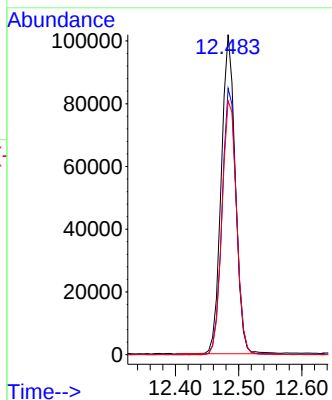
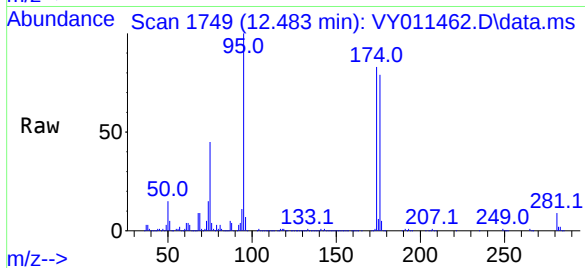




#62
4-Bromofluorobenzene
Concen: 54.121 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011462.D
Acq: 15 Nov 2022 16:46

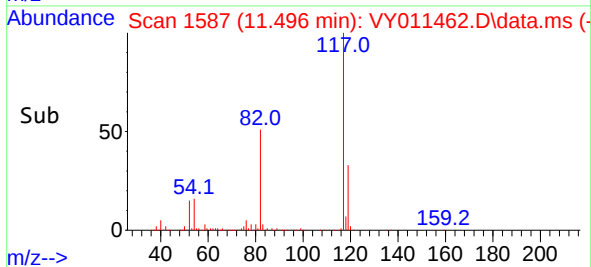
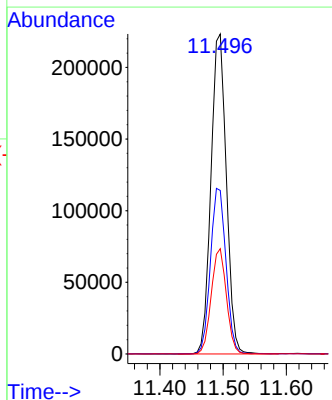
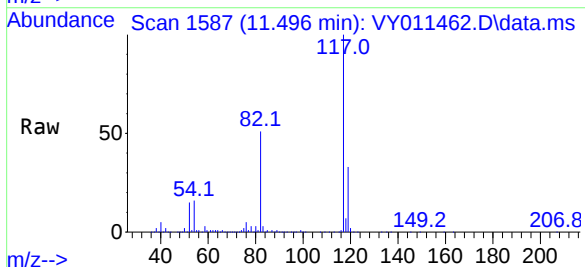
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

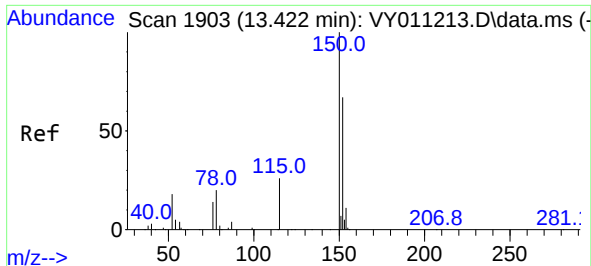
Tgt Ion: 95 Resp: 156410
Ion Ratio Lower Upper
95 100
174 85.2 0.0 177.0
176 82.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY011462.D
Acq: 15 Nov 2022 16:46

Tgt Ion: 117 Resp: 376802
Ion Ratio Lower Upper
117 100
82 51.1 43.0 64.4
119 32.9 25.4 38.0

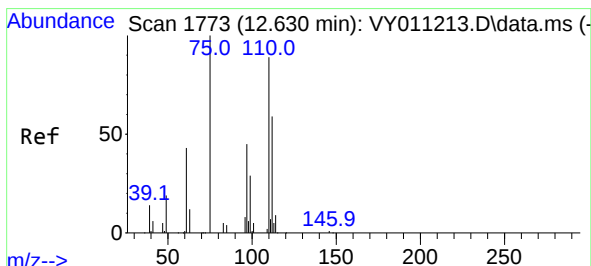
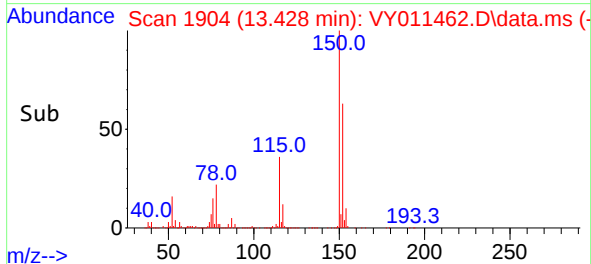
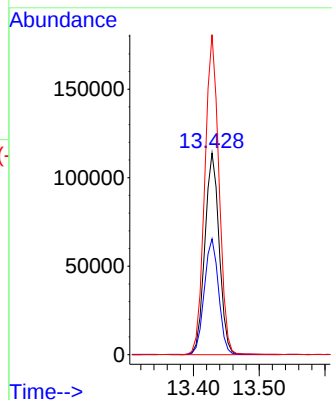
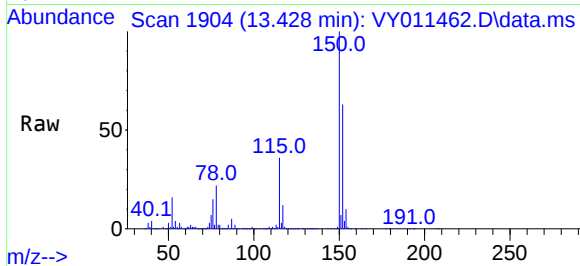




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY011462.D
Acq: 15 Nov 2022 16:46

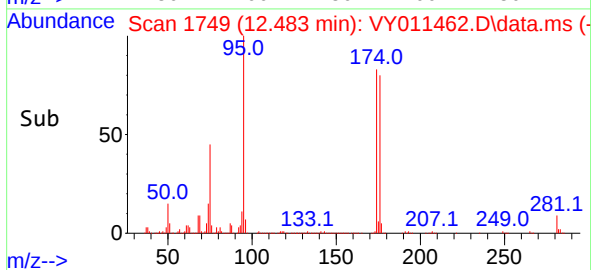
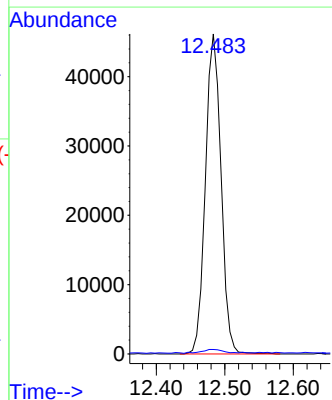
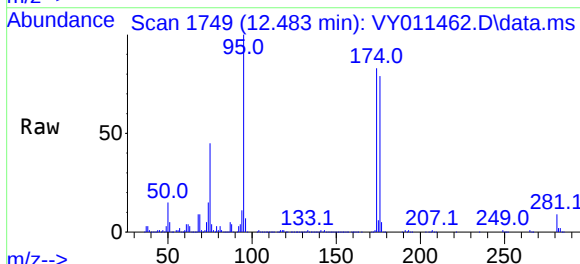
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

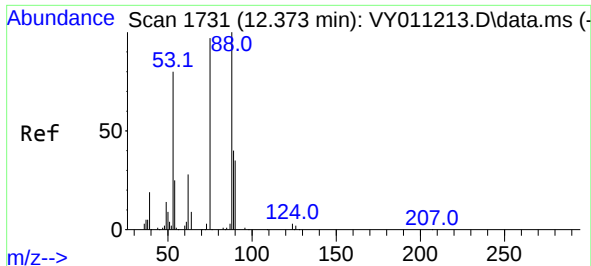
Tgt Ion:152 Resp: 172731
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 156.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 36.630 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY011462.D
Acq: 15 Nov 2022 16:46

Tgt Ion: 75 Resp: 73239
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#

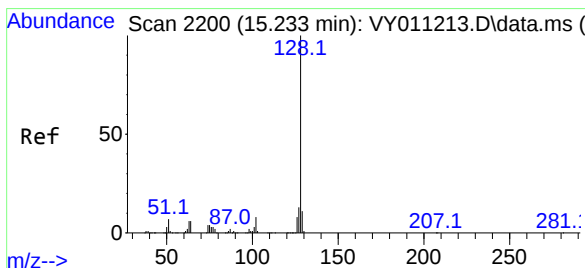
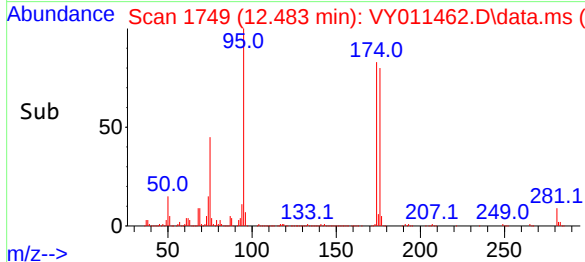
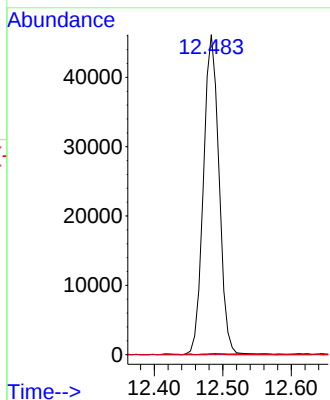
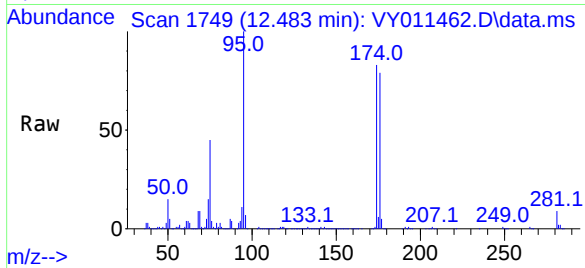




#81
trans-1,4-Dichloro-2-butene
Concen: 88.048 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011462.D
Acq: 15 Nov 2022 16:46

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 73239
Ion Ratio Lower Upper
75 100
53 0.5 85.3 127.9#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 3.399 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY011462.D
Acq: 15 Nov 2022 16:46

Tgt Ion: 128 Resp: 866
Ion Ratio Lower Upper
128 100
127 25.5 11.0 16.4#
129 6.7 8.4 12.6#

