

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121522\
 Data File : VY011882.D
 Acq On : 15 Dec 2022 19:08
 Operator : KP/MD
 Sample : N6038-05RE
 Misc : 6.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-31-(1-3)

Quant Time: Dec 16 00:16:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

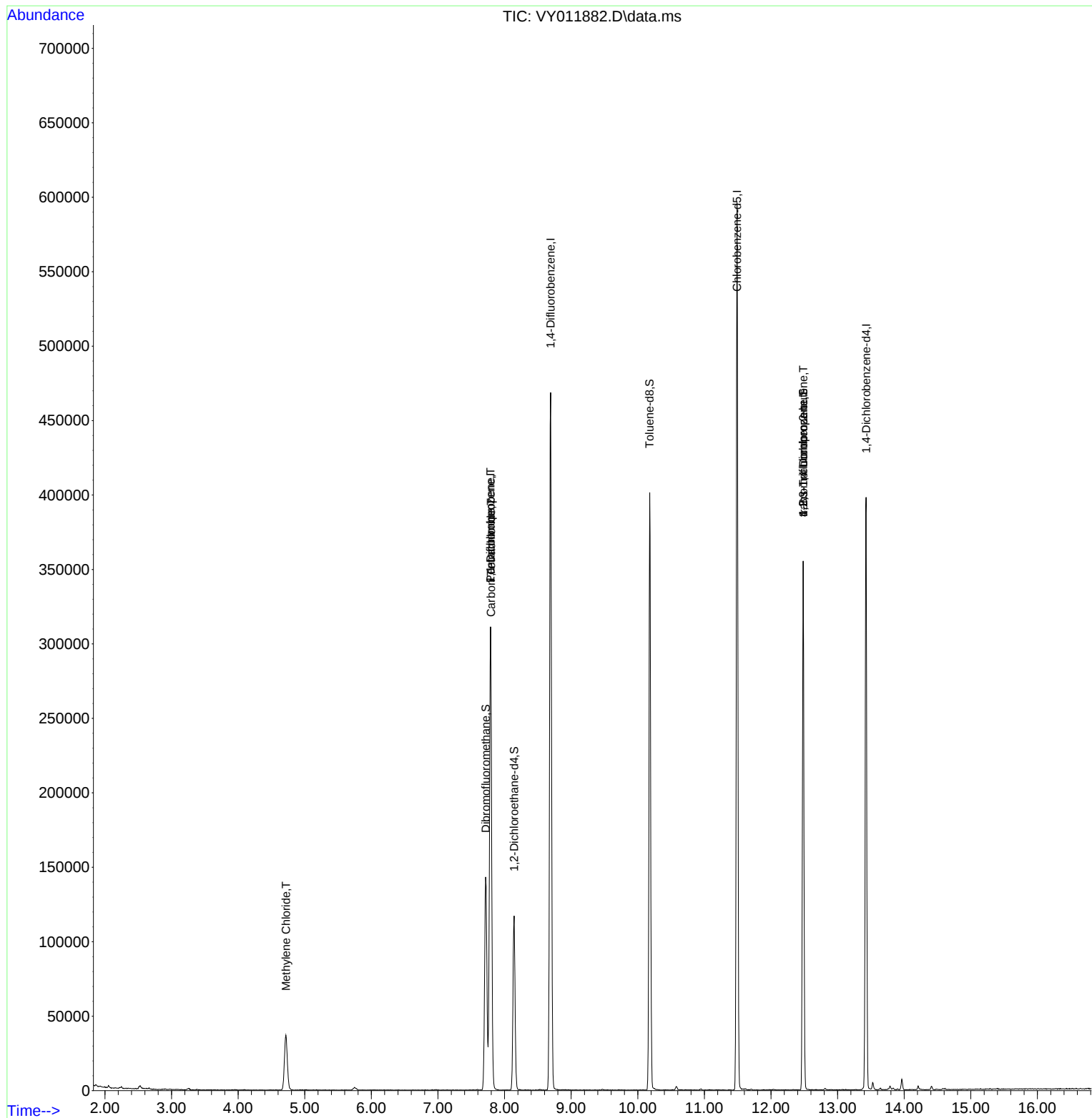
Internal Standards						
1) Pentafluorobenzene	7.789	168	241565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	403148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	320188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	90359	55.327	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.660%	
35) Dibromofluoromethane	7.716	113	101752	57.382	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.760%	
50) Toluene-d8	10.179	98	264512	44.283	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.560%	
62) 4-Bromofluorobenzene	12.483	95	101066	42.560	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.120%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	25	Below Cal	#	41
3) Chloromethane	2.113	50	54	Below Cal	#	41
4) Vinyl Chloride	2.455	62	44	Below Cal	#	43
5) Bromomethane	2.662	94	130	Below Cal	#	77
11) Tert butyl alcohol	4.960	59	57	Below Cal	#	74
18) Methyl Acetate	4.485	43	160	Below Cal	#	50
20) Methylene Chloride	4.716	84	28393	7.045	ug/l	94
31) Cyclohexane	7.783	56	4691	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	17745	5.800	ug/l #	50
38) Carbon Tetrachloride	7.795	117	24657	6.861	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	52966	49.564	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52966	112.471	ug/l #	13

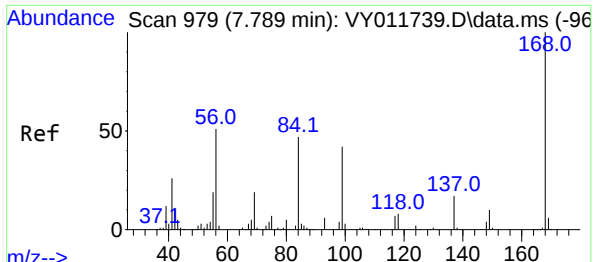
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121522\
Data File : VY011882.D
Acq On : 15 Dec 2022 19:08
Operator : KP/MD
Sample : N6038-05RE
Misc : 6.33g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RB-31-(1-3)

Quant Time: Dec 16 00:16:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
Quant Title : SW846 8260
QLast Update : Sat Dec 10 04:19:59 2022
Response via : Initial Calibration

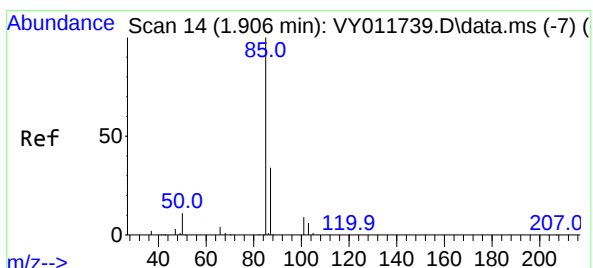
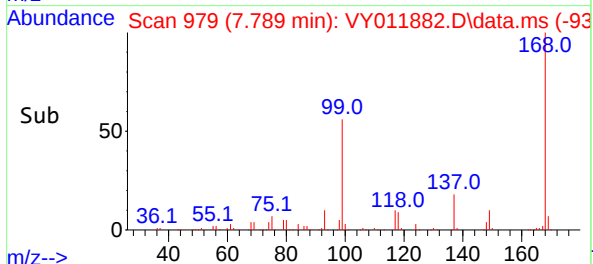
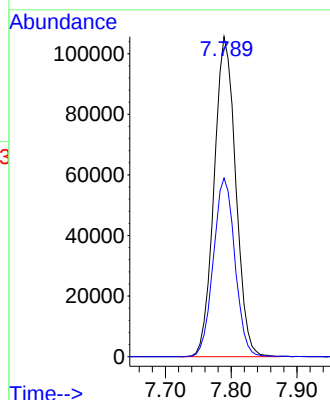
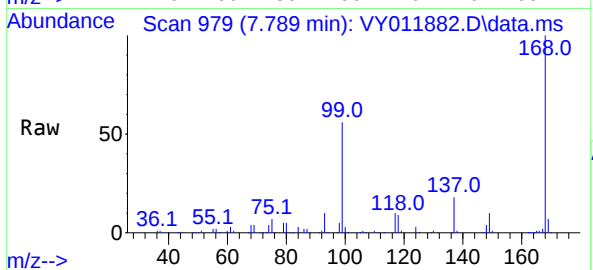




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011882.D
Acq: 15 Dec 2022 19:08

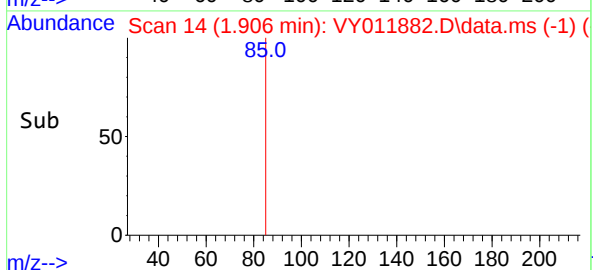
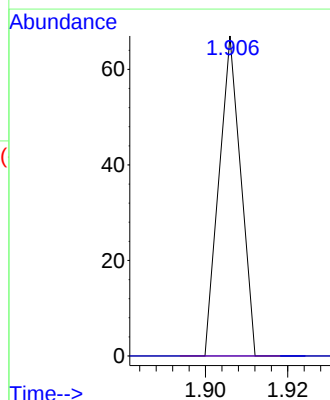
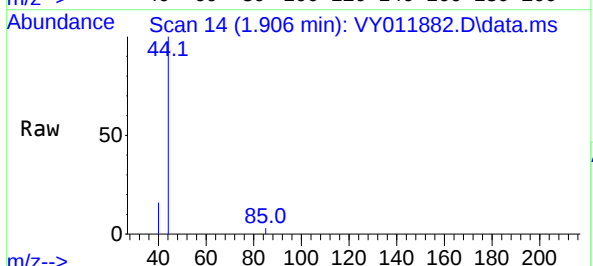
Instrument :
MSVOA_Y
ClientSampleId :
RB-31-(1-3)

Tgt Ion:168 Resp: 241565
Ion Ratio Lower Upper
168 100
99 55.8 44.0 66.0

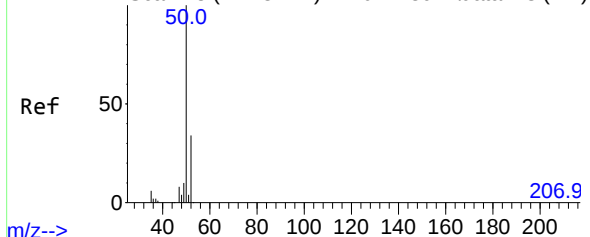


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011882.D
Acq: 15 Dec 2022 19:08

Tgt Ion: 85 Resp: 25
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#

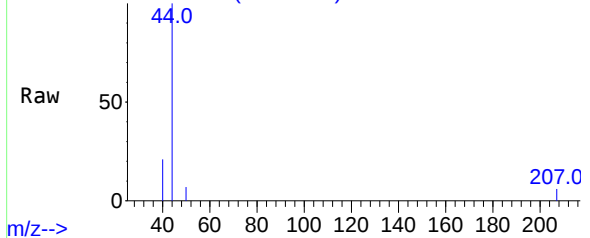


Abundance Scan 48 (2.113 min): VY011739.D\data.ms (-42)



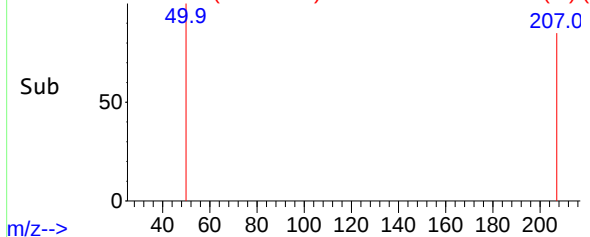
m/z-->

Abundance Scan 48 (2.113 min): VY011882.D\data.ms



m/z-->

Abundance Scan 48 (2.113 min): VY011882.D\data.ms (-1)



m/z-->

#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY011882.D

Acq: 15 Dec 2022 19:08

Instrument :

MSVOA_Y

ClientSampleId :

RB-31-(1-3)

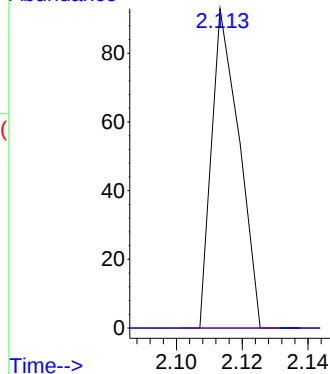
Tgt Ion: 50 Resp: 54

Ion Ratio Lower Upper

50 100

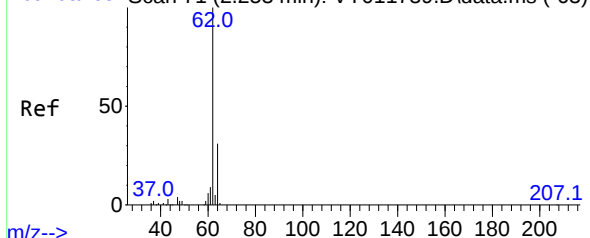
52 0.0 26.8 40.2#

Abundance



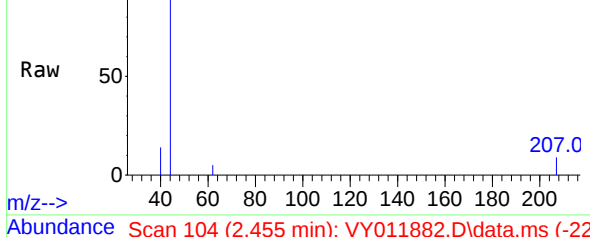
Time-->

Abundance Scan 71 (2.253 min): VY011739.D\data.ms (-63)



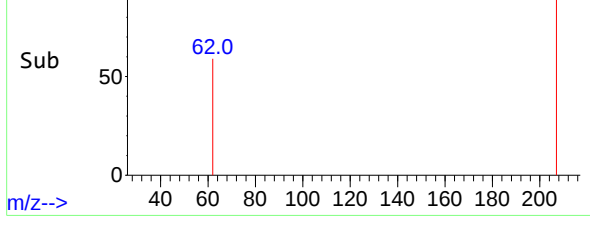
m/z-->

Abundance Scan 104 (2.455 min): VY011882.D\data.ms



m/z-->

Abundance Scan 104 (2.455 min): VY011882.D\data.ms (-22)



m/z-->

#4

Vinyl Chloride

Concen: Below Cal

RT: 2.455 min Scan# 104

Delta R.T. 0.202 min

Lab File: VY011882.D

Acq: 15 Dec 2022 19:08

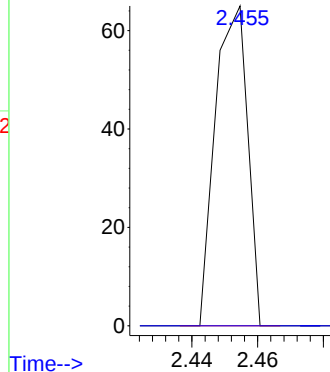
Tgt Ion: 62 Resp: 44

Ion Ratio Lower Upper

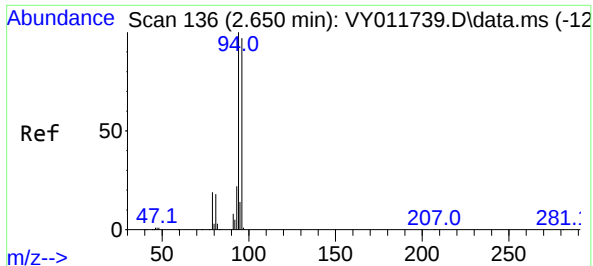
62 100

64 0.0 25.0 37.6#

Abundance



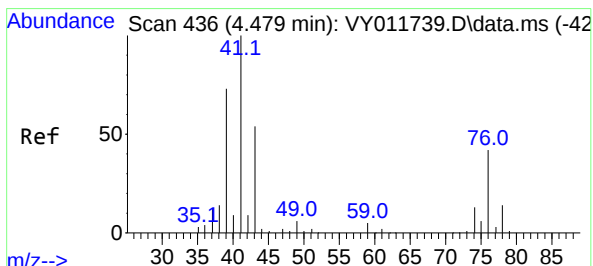
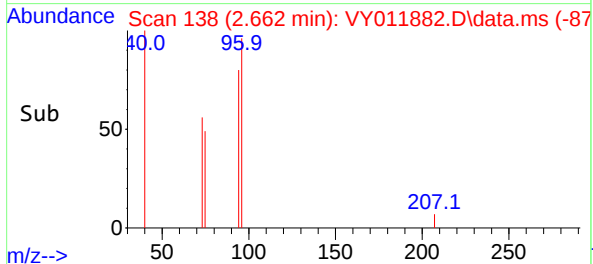
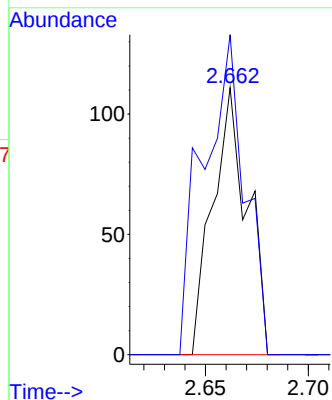
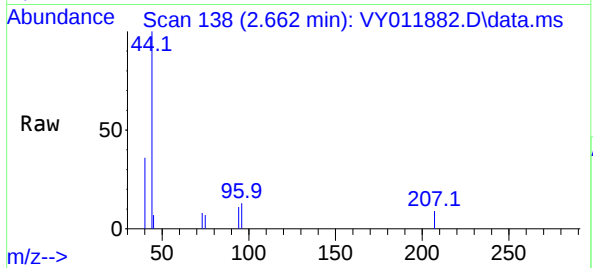
Time-->



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY011882.D
Acq: 15 Dec 2022 19:08

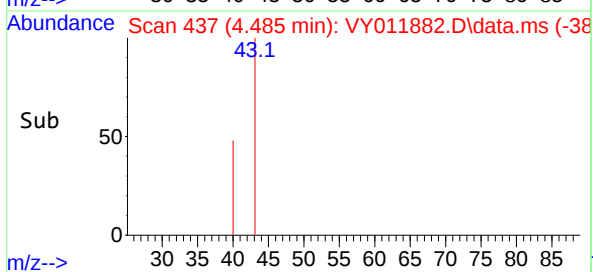
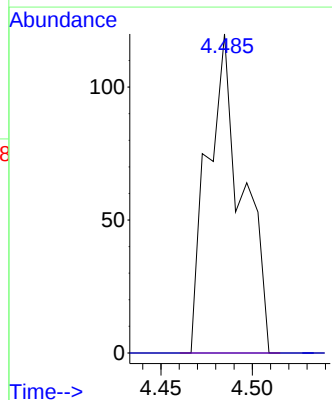
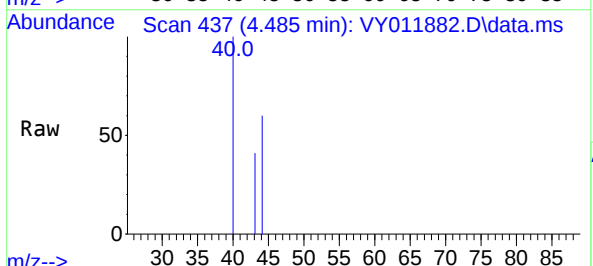
Instrument :
MSVOA_Y
ClientSampleId :
RB-31-(1-3)

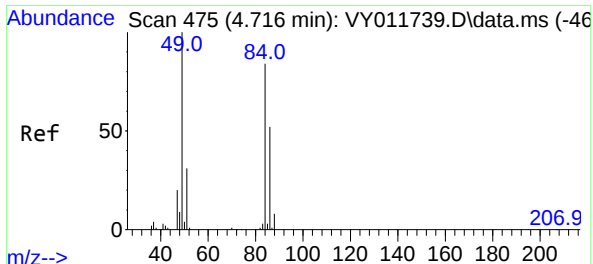
Tgt Ion: 94 Resp: 130
Ion Ratio Lower Upper
94 100
96 119.8 77.4 116.2#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY011882.D
Acq: 15 Dec 2022 19:08

Tgt Ion: 43 Resp: 160
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



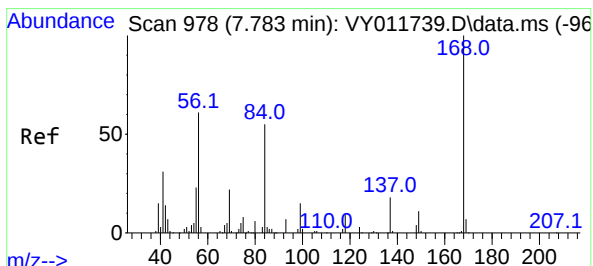
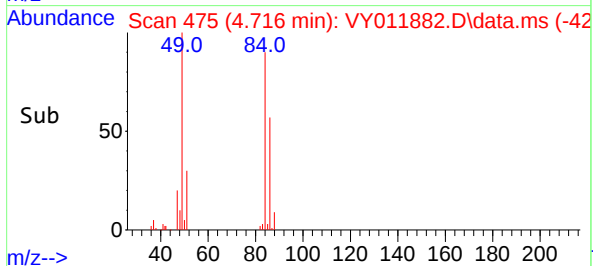
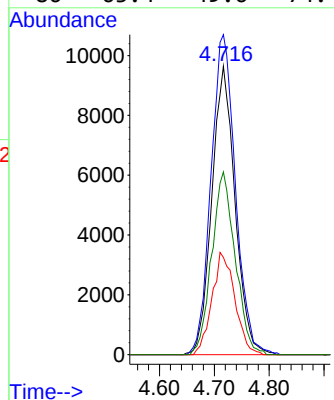
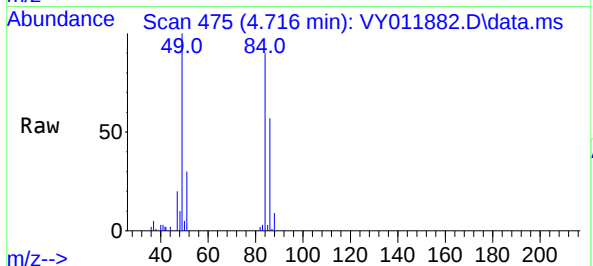


#20
Methylene Chloride
Concen: 7.045 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011882.D
Acq: 15 Dec 2022 19:08

Instrument :
MSVOA_Y
ClientSampleId :
RB-31-(1-3)

Tgt Ion: 84 Resp: 28393

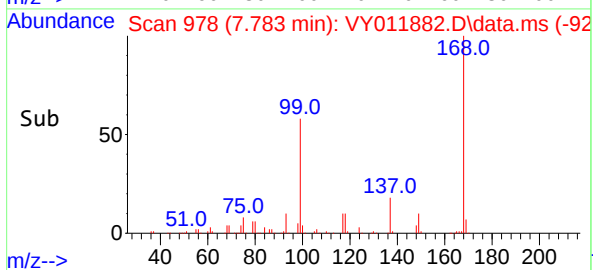
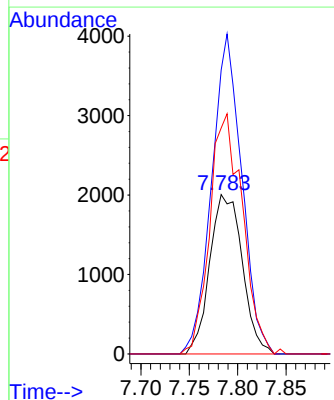
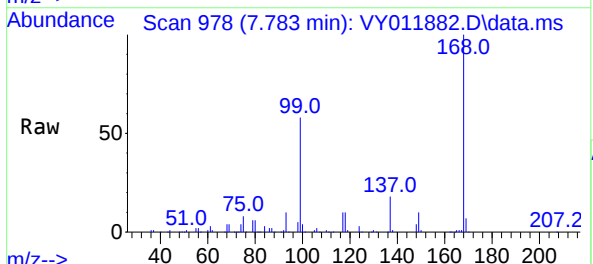
Ion	Ratio	Lower	Upper
84	100		
49	110.9	95.4	143.2
51	33.7	29.9	44.9
86	63.4	49.6	74.4

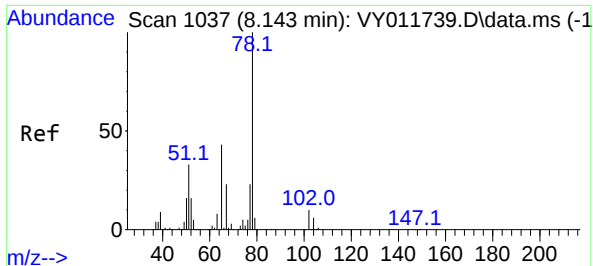


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY011882.D
Acq: 15 Dec 2022 19:08

Tgt Ion: 56 Resp: 4691

Ion	Ratio	Lower	Upper
56	100		
69	178.2	29.2	43.8#
84	141.8	72.6	108.8#





#33

1,2-Dichloroethane-d4

Concen: 55.327 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011882.D

Acq: 15 Dec 2022 19:08

Instrument :

MSVOA_Y

ClientSampleId :

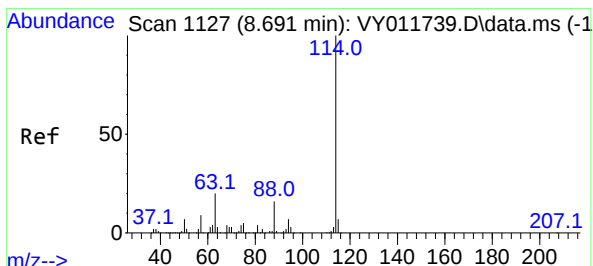
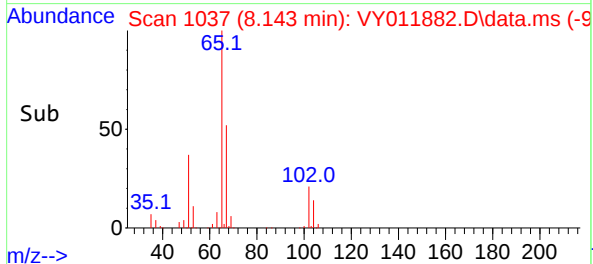
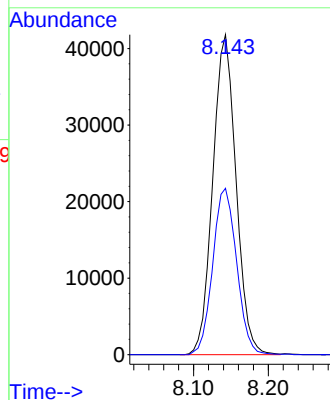
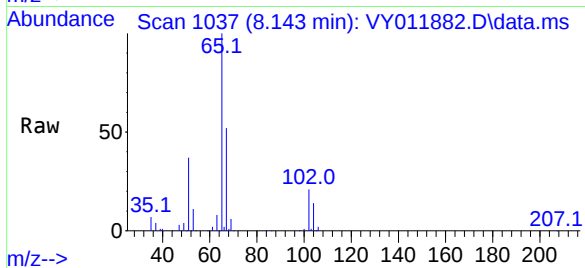
RB-31-(1-3)

Tgt Ion: 65 Resp: 90359

Ion Ratio Lower Upper

65 100

67 53.5 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011882.D

Acq: 15 Dec 2022 19:08

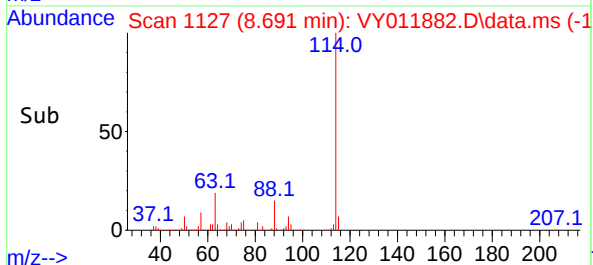
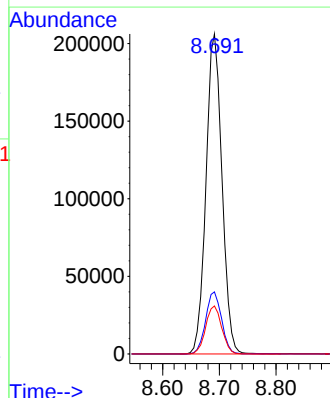
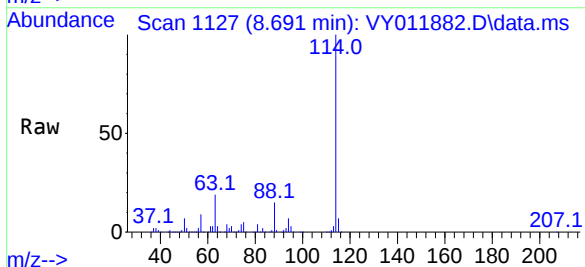
Tgt Ion: 114 Resp: 403148

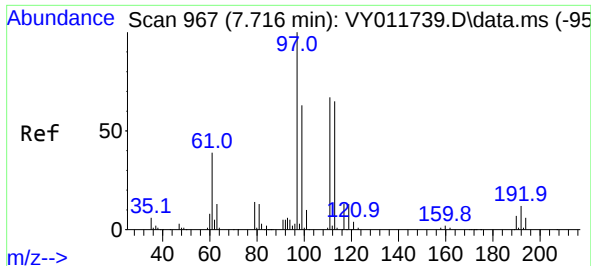
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 15.0 0.0 32.2

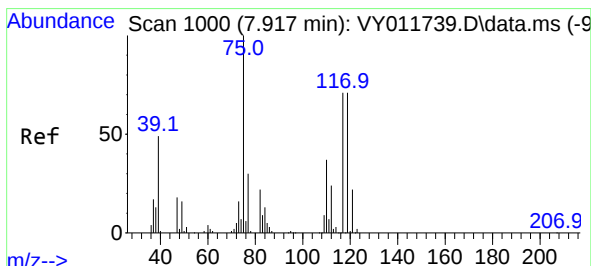
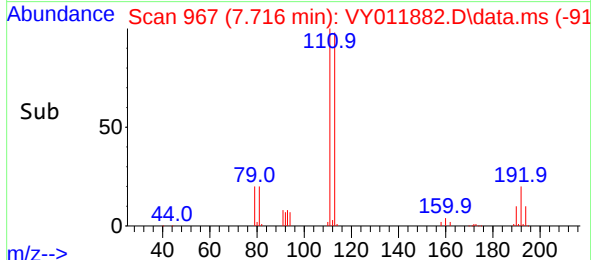
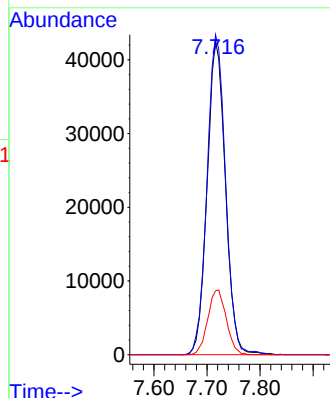
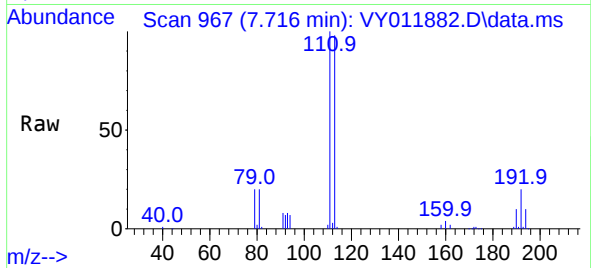




#35
Dibromofluoromethane
Concen: 57.382 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY011882.D
Acq: 15 Dec 2022 19:08

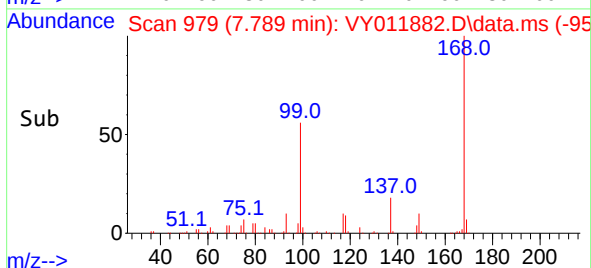
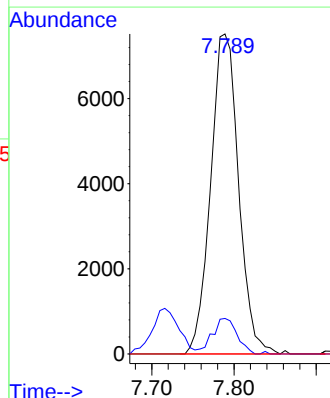
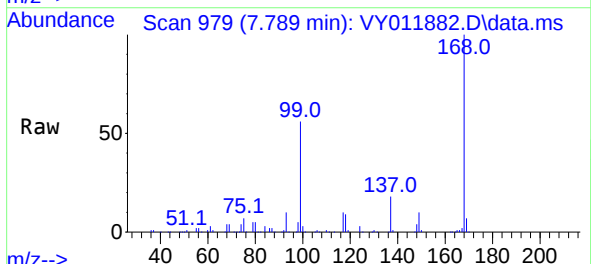
Instrument :
MSVOA_Y
ClientSampleId :
RB-31-(1-3)

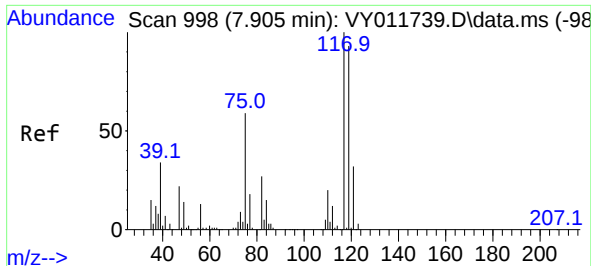
Tgt Ion:113 Resp: 101752
Ion Ratio Lower Upper
113 100
111 103.2 83.0 124.4
192 20.9 16.0 24.0



#36
1,1-Dichloropropene
Concen: 5.800 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011882.D
Acq: 15 Dec 2022 19:08

Tgt Ion: 75 Resp: 17745
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.1#
77 0.0 25.1 37.7#

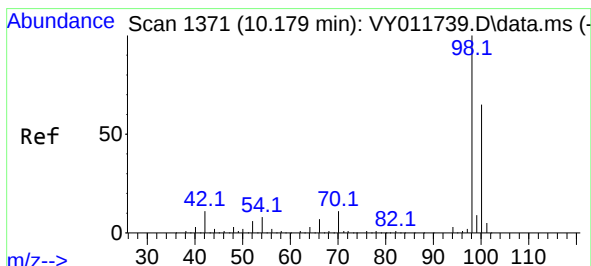
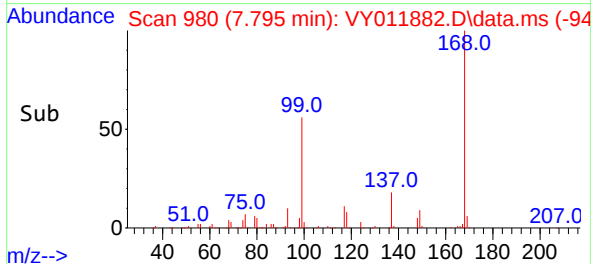
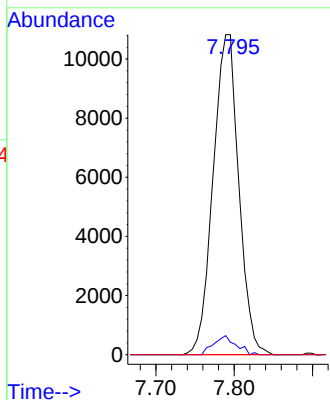
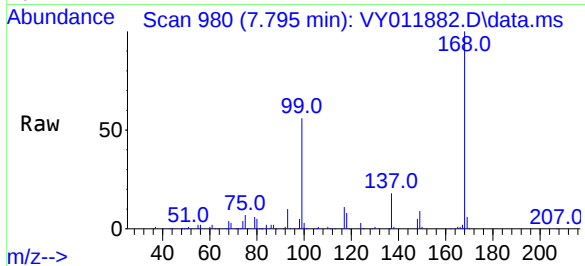




#38
Carbon Tetrachloride
Concen: 6.861 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011882.D
Acq: 15 Dec 2022 19:08

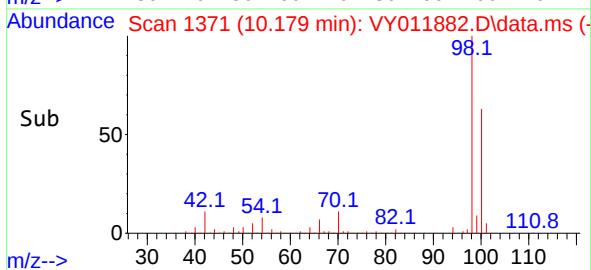
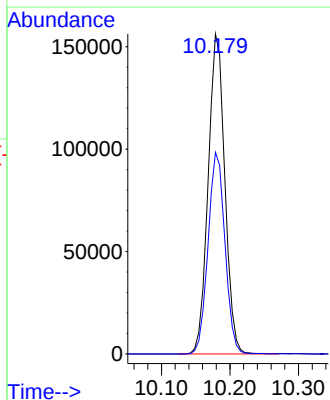
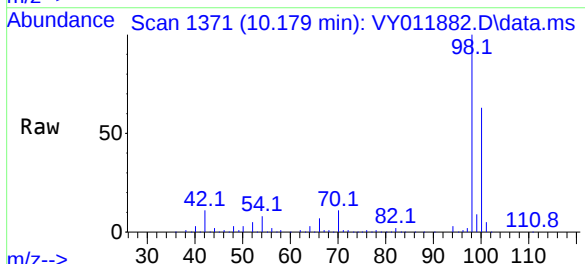
Instrument :
MSVOA_Y
ClientSampleId :
RB-31-(1-3)

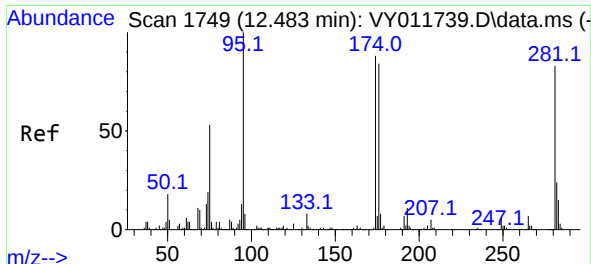
Tgt Ion:117 Resp: 24657
Ion Ratio Lower Upper
117 100
119 3.9 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 44.283 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011882.D
Acq: 15 Dec 2022 19:08

Tgt Ion: 98 Resp: 264512
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

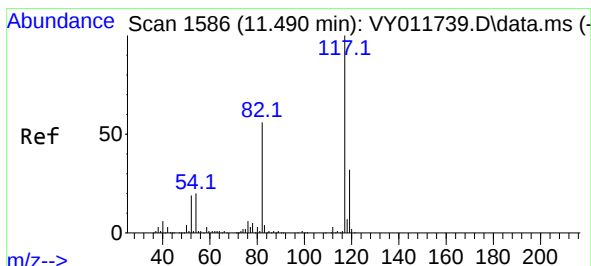
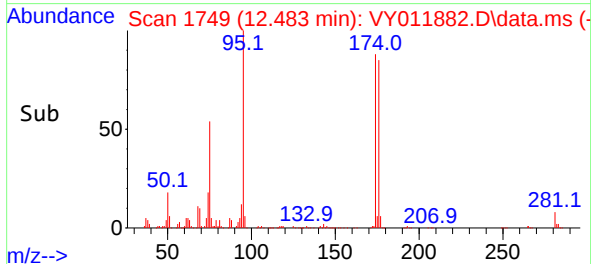
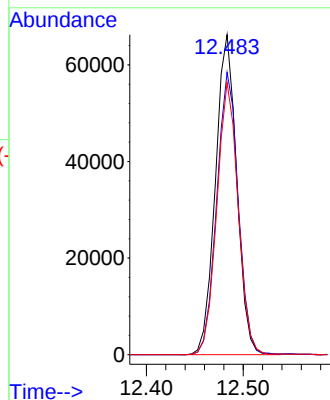
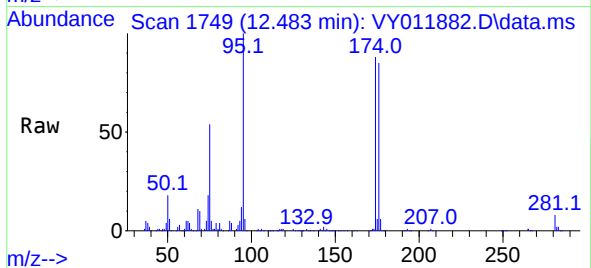




#62
4-Bromofluorobenzene
Concen: 42.560 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011882.D
Acq: 15 Dec 2022 19:08

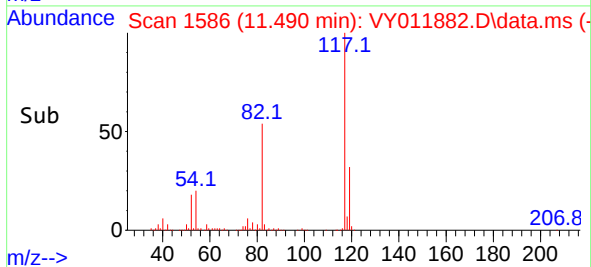
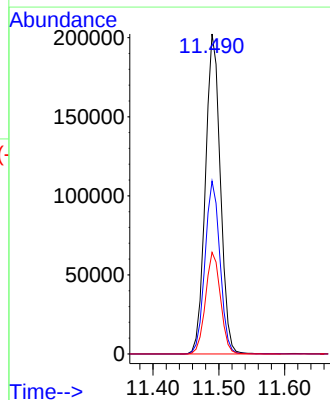
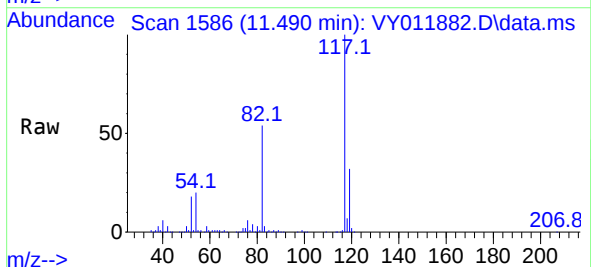
Instrument :
MSVOA_Y
ClientSampleId :
RB-31-(1-3)

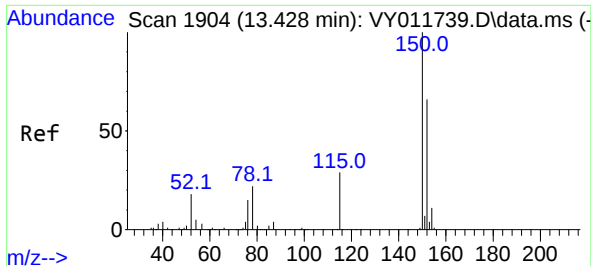
Tgt Ion: 95 Resp: 101066
Ion Ratio Lower Upper
95 100
174 89.0 0.0 172.0
176 85.1 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY011882.D
Acq: 15 Dec 2022 19:08

Tgt Ion: 117 Resp: 320188
Ion Ratio Lower Upper
117 100
82 54.0 44.8 67.2
119 31.7 25.4 38.2

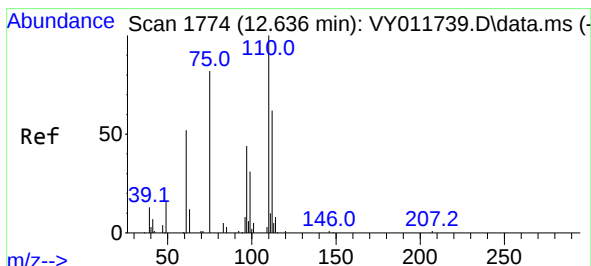
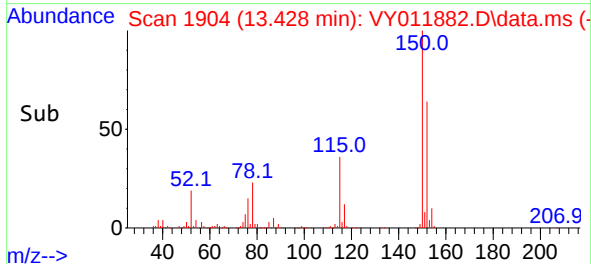
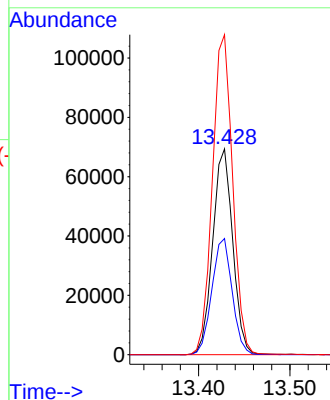
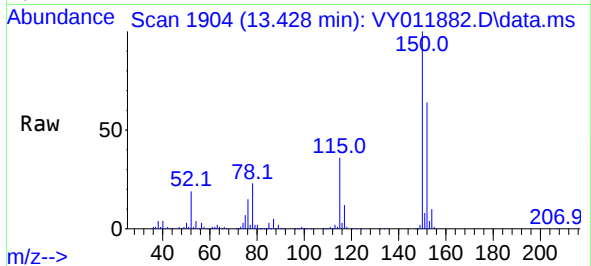




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011882.D
Acq: 15 Dec 2022 19:08

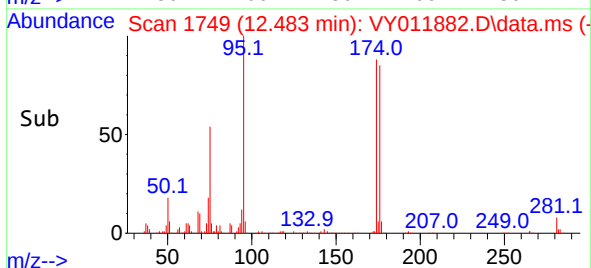
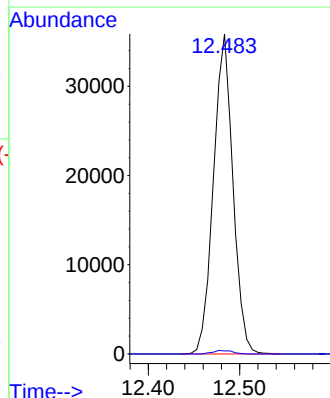
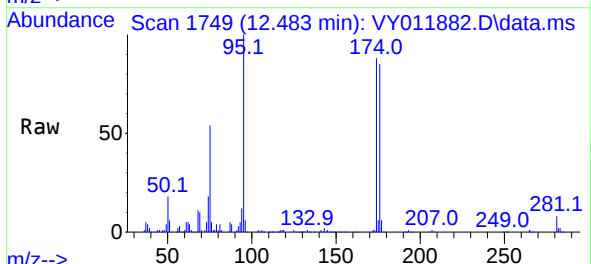
Instrument :
MSVOA_Y
ClientSampleId :
RB-31-(1-3)

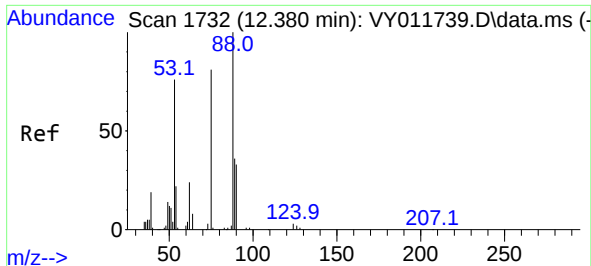
Tgt Ion:152 Resp: 105624
Ion Ratio Lower Upper
152 100
115 57.3 29.1 87.3
150 157.0 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 49.564 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY011882.D
Acq: 15 Dec 2022 19:08

Tgt Ion: 75 Resp: 52966
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.471 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY011882.D
 Acq: 15 Dec 2022 19:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-31-(1-3)

Tgt Ion: 75 Resp: 52966
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.1 37.0 55.4#

