

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121522\
 Data File : VY011878.D
 Acq On : 15 Dec 2022 17:38
 Operator : KP/MD
 Sample : N6038-24
 Misc : 3.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-41-(0-2)

Quant Time: Dec 16 00:15:37 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)

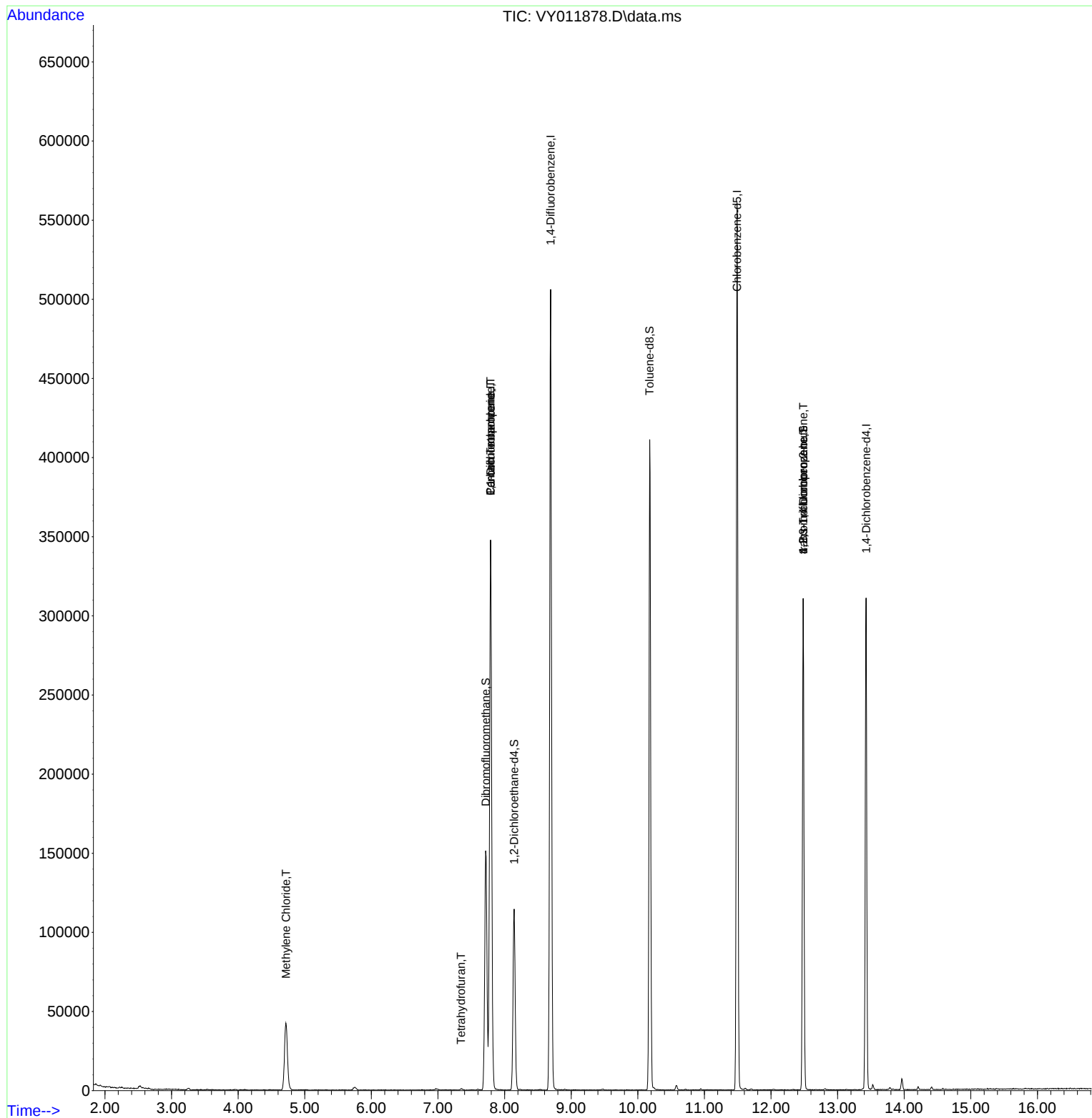
Internal Standards						
1) Pentafluorobenzene	7.789	168	265426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	421654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	303050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	91135	50.350	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.700%			
35) Dibromofluoromethane	7.715	113	106569	57.467	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.940%			
50) Toluene-d8	10.178	98	271752	43.363	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 86.720%			
62) 4-Bromofluorobenzene	12.483	95	88933	35.009	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 70.020%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	83	Below Cal	#	41
4) Vinyl Chloride	2.351	62	59	Below Cal	#	43
5) Bromomethane	2.655	94	26	Below Cal		80
11) Tert butyl alcohol	4.948	59	221	Below Cal	#	74
18) Methyl Acetate	4.478	43	53	Below Cal	#	50
20) Methylene Chloride	4.716	84	33217	7.932	ug/l	97
29) Tetrahydrofuran	7.344	42	631	1.189	ug/l #	86
31) Cyclohexane	7.789	56	5644	Below Cal	#	11
36) 1,1-Dichloropropene	7.789	75	19723	6.164	ug/l #	50
38) Carbon Tetrachloride	7.789	117	26768	7.122	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	46640	56.370	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46640	127.915	ug/l #	13

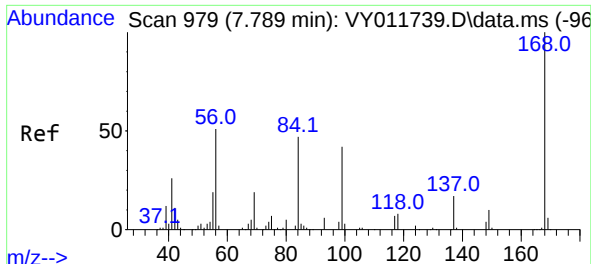
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121522\
Data File : VY011878.D
Acq On : 15 Dec 2022 17:38
Operator : KP/MD
Sample : N6038-24
Misc : 3.50g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RB-41-(0-2)

Quant Time: Dec 16 00:15:37 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

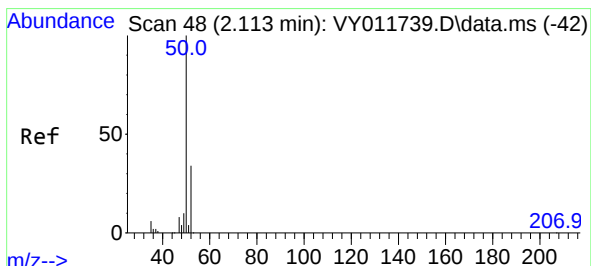
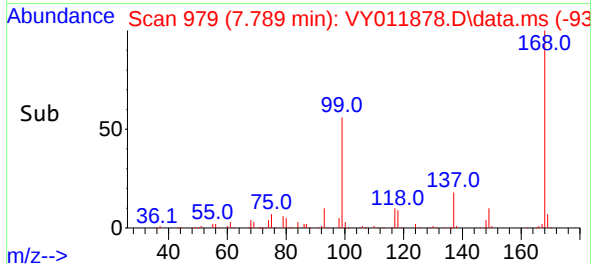
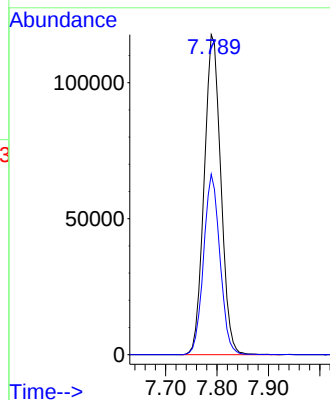
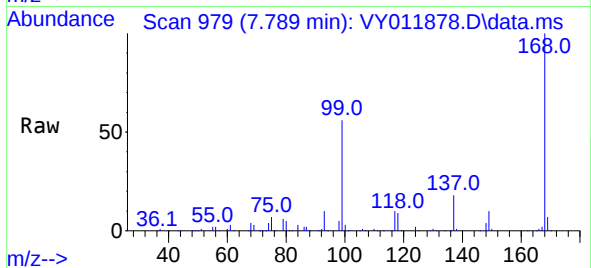




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011878.D
Acq: 15 Dec 2022 17:38

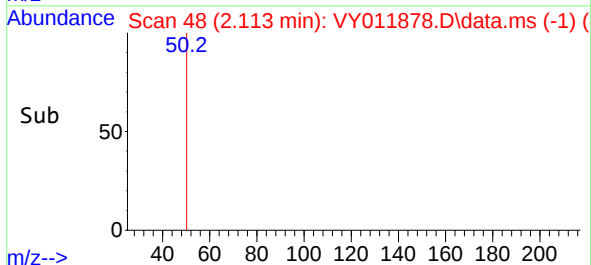
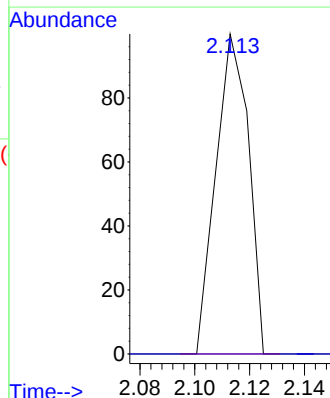
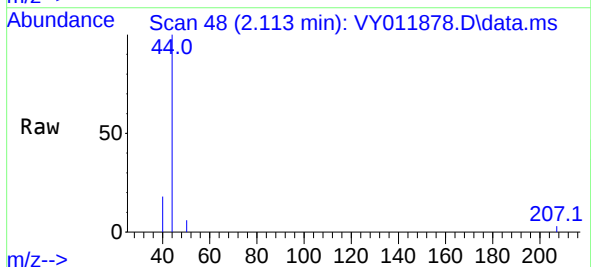
Instrument :
MSVOA_Y
ClientSampleId :
RB-41-(0-2)

Tgt Ion:168 Resp: 265426
Ion Ratio Lower Upper
168 100
99 56.4 44.0 66.0

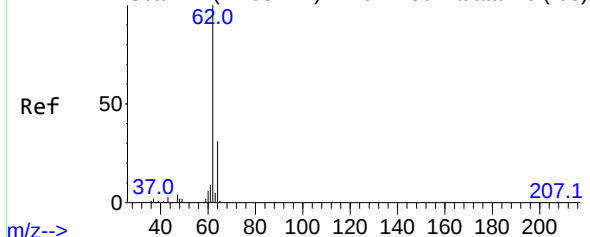


#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY011878.D
Acq: 15 Dec 2022 17:38

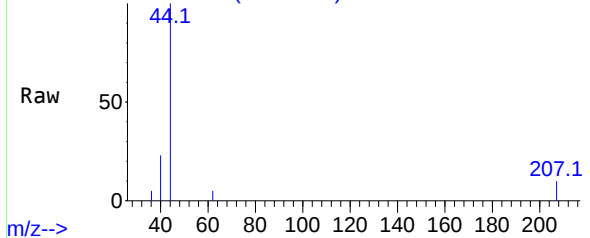
Tgt Ion: 50 Resp: 83
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#



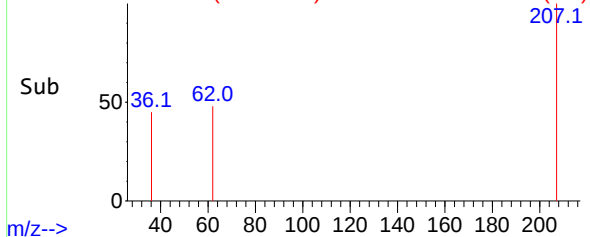
Abundance Scan 71 (2.253 min): VY011739.D\data.ms (-63)



Abundance Scan 87 (2.351 min): VY011878.D\data.ms



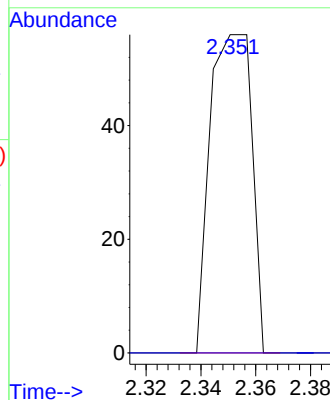
Abundance Scan 87 (2.351 min): VY011878.D\data.ms (-22)



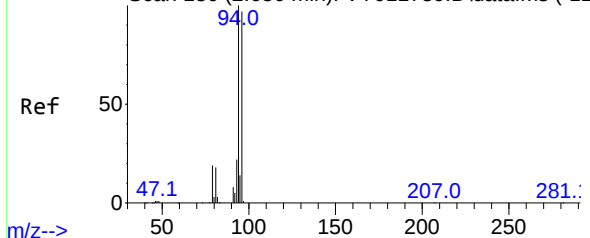
#4
Vinyl Chloride
Concen: Below Cal
RT: 2.351 min Scan# 81
Delta R.T. 0.098 min
Lab File: VY011878.D
Acq: 15 Dec 2022 17:38

Instrument :
MSVOA_Y
ClientSampleId :
RB-41-(0-2)

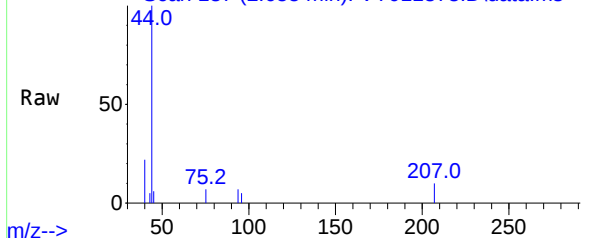
Tgt Ion: 62 Resp: 59
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#



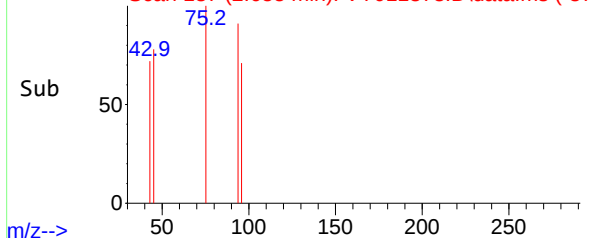
Abundance Scan 136 (2.650 min): VY011739.D\data.ms (-12)



Abundance Scan 137 (2.655 min): VY011878.D\data.ms

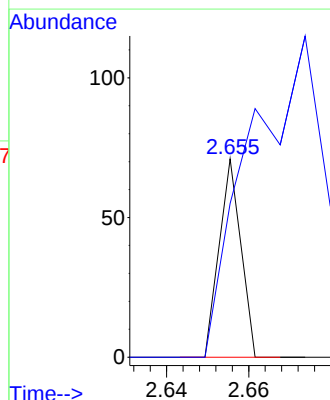


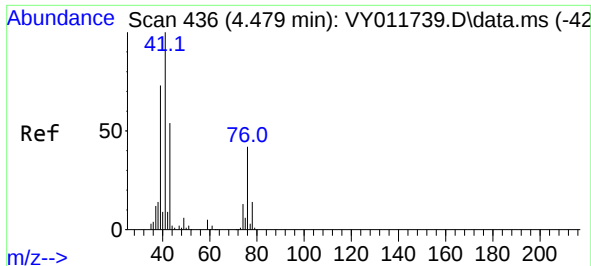
Abundance Scan 137 (2.655 min): VY011878.D\data.ms (-87)



#5
Bromomethane
Concen: Below Cal
RT: 2.655 min Scan# 137
Delta R.T. 0.005 min
Lab File: VY011878.D
Acq: 15 Dec 2022 17:38

Tgt Ion: 94 Resp: 26
Ion Ratio Lower Upper
94 100
96 77.5 77.4 116.2

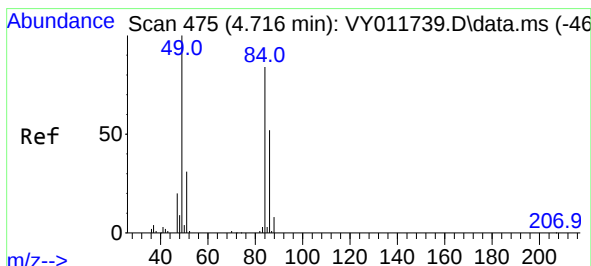
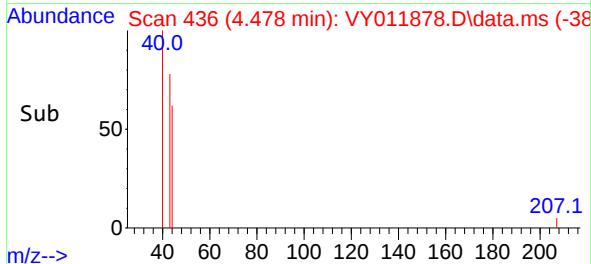
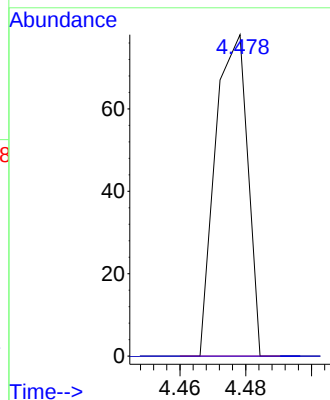
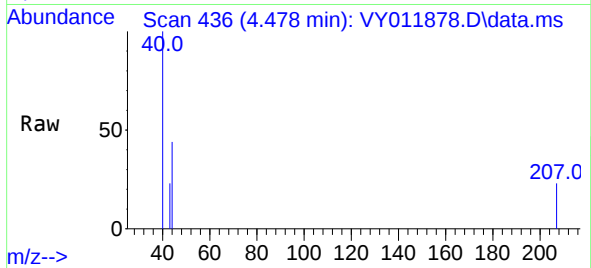




#18
Methyl Acetate
Concen: Below Cal
RT: 4.478 min Scan# 41
Delta R.T. -0.001 min
Lab File: VY011878.D
Acq: 15 Dec 2022 17:38

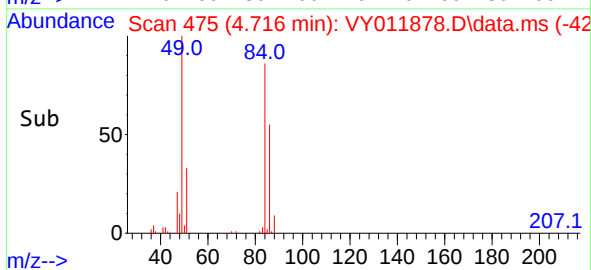
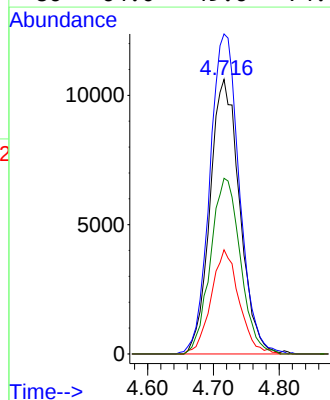
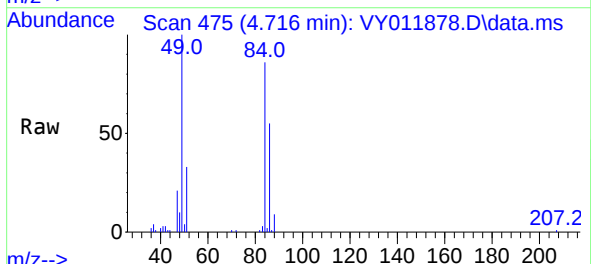
Instrument :
MSVOA_Y
ClientSampleId :
RB-41-(0-2)

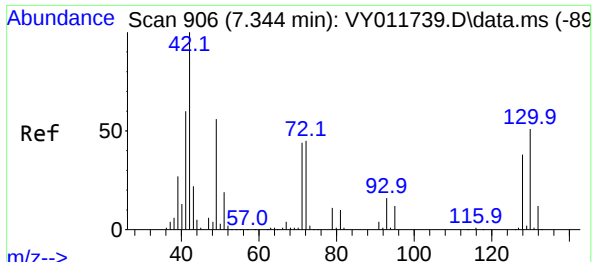
Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



#20
Methylene Chloride
Concen: 7.932 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011878.D
Acq: 15 Dec 2022 17:38

Tgt Ion: 84 Resp: 33217
Ion Ratio Lower Upper
84 100
49 116.0 95.4 143.2
51 37.9 29.9 44.9
86 64.0 49.6 74.4

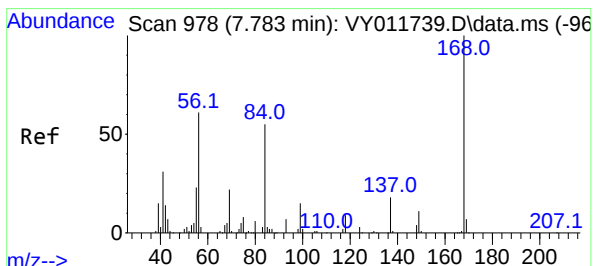
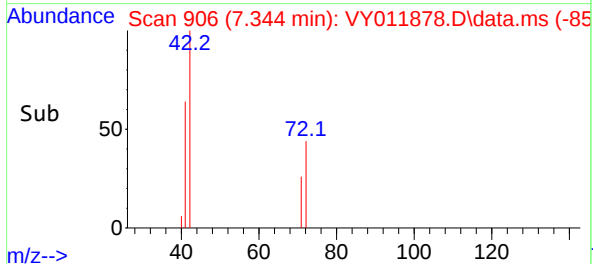
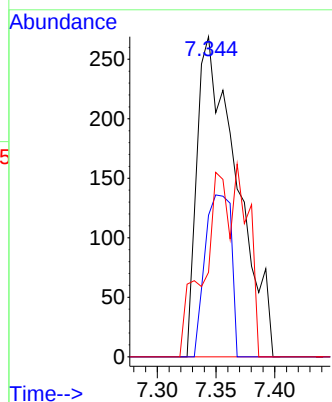
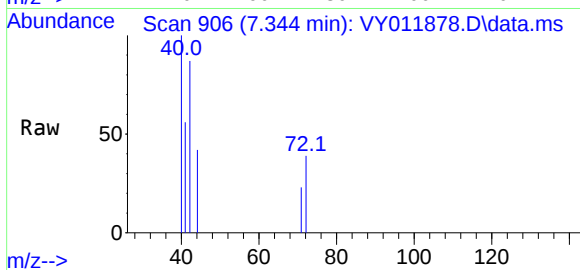




#29
Tetrahydrofuran
Concen: 1.189 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY011878.D
Acq: 15 Dec 2022 17:38

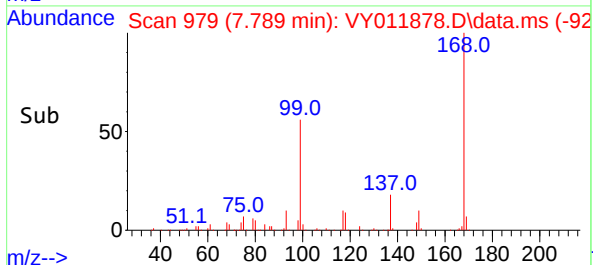
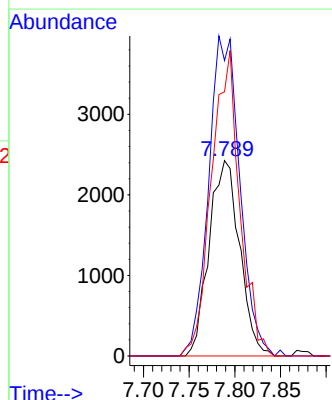
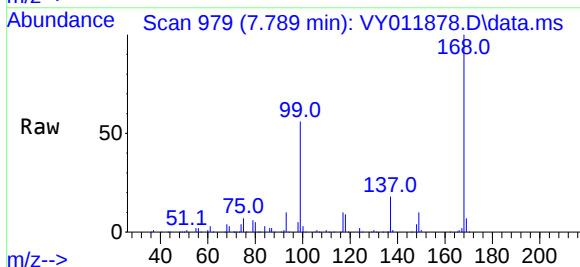
Instrument :
MSVOA_Y
ClientSampleId :
RB-41-(0-2)

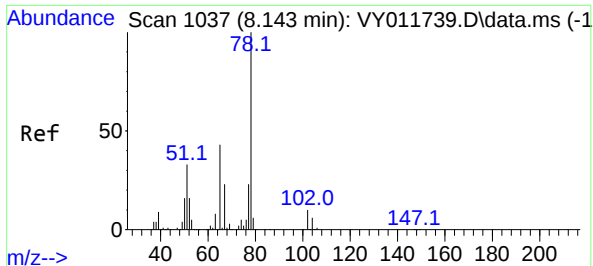
Tgt Ion:	42	Resp:	631
Ion	Ratio	Lower	Upper
42	100		
72	33.4	37.0	55.6#
71	38.2	34.9	52.3



#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY011878.D
Acq: 15 Dec 2022 17:38

Tgt Ion:	56	Resp:	5644
Ion	Ratio	Lower	Upper
56	100		
69	151.2	29.2	43.8#
84	135.2	72.6	108.8#





#33

1,2-Dichloroethane-d4

Concen: 50.350 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011878.D

Acq: 15 Dec 2022 17:38

Instrument :

MSVOA_Y

ClientSampleId :

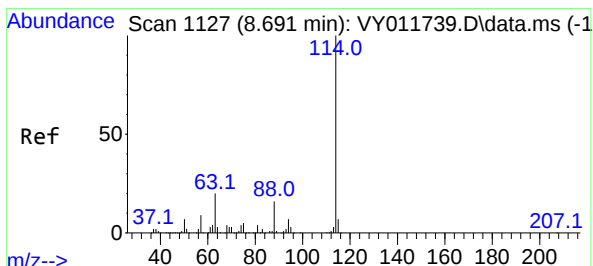
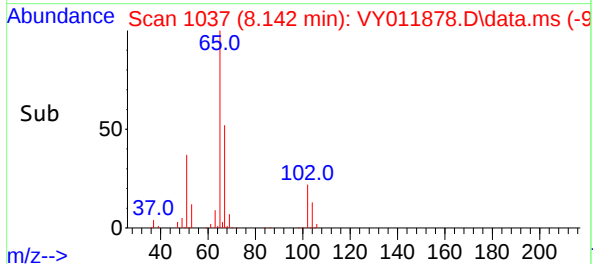
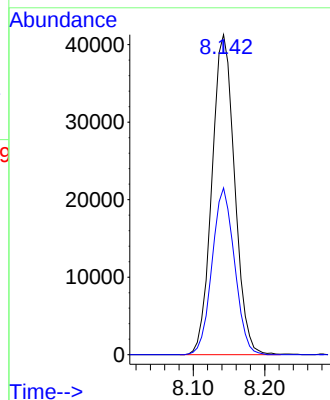
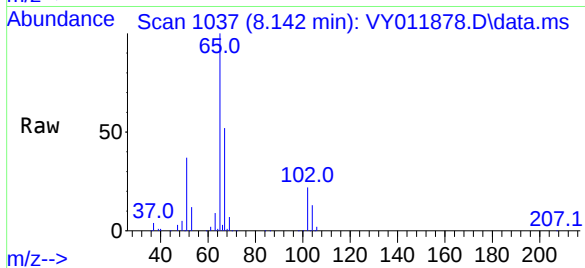
RB-41-(0-2)

Tgt Ion: 65 Resp: 91135

Ion Ratio Lower Upper

65 100

67 51.4 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: VY011878.D

Acq: 15 Dec 2022 17:38

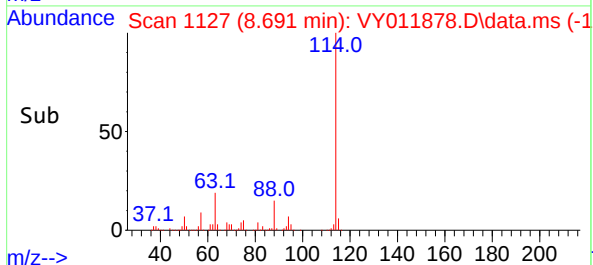
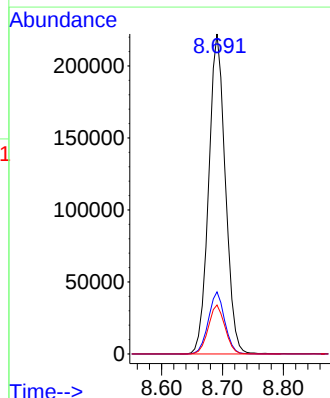
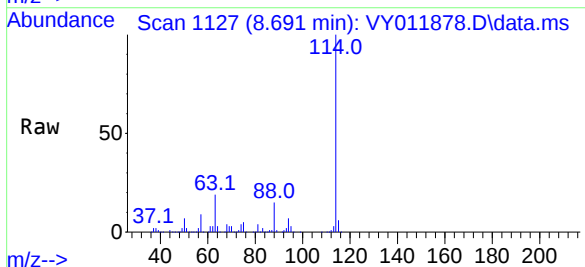
Tgt Ion: 114 Resp: 421654

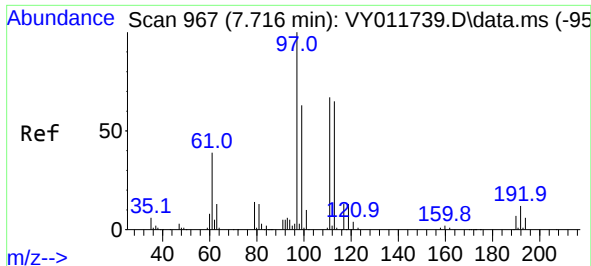
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 15.3 0.0 32.2

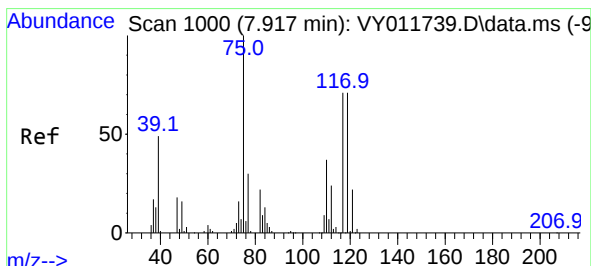
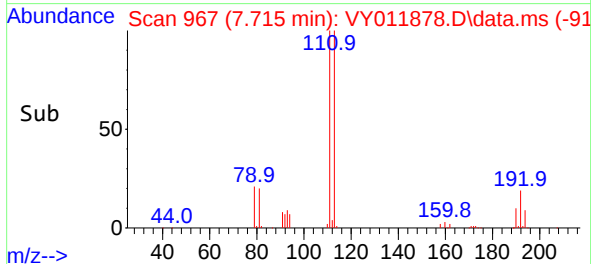
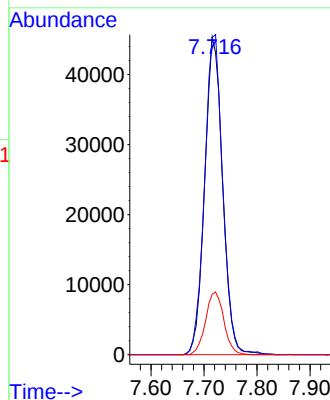
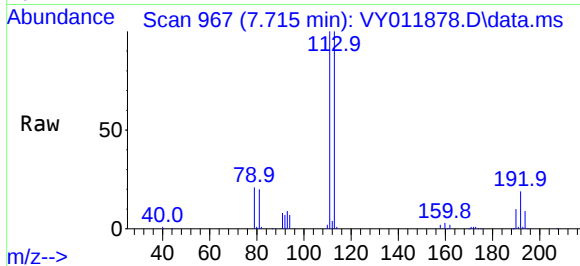




#35
Dibromofluoromethane
Concen: 57.467 ug/l
RT: 7.715 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY011878.D
Acq: 15 Dec 2022 17:38

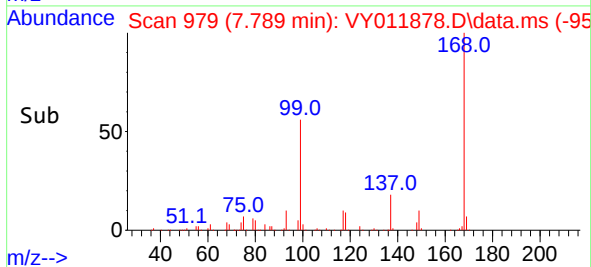
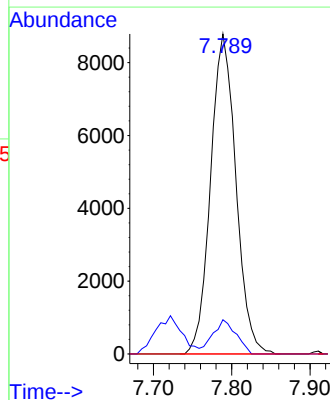
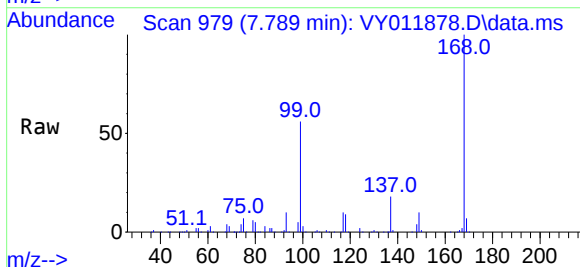
Instrument :
MSVOA_Y
ClientSampleId :
RB-41-(0-2)

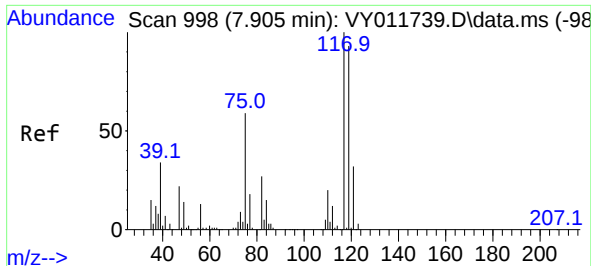
Tgt Ion:113 Resp: 106569
Ion Ratio Lower Upper
113 100
111 102.1 83.0 124.4
192 20.1 16.0 24.0



#36
1,1-Dichloropropene
Concen: 6.164 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011878.D
Acq: 15 Dec 2022 17:38

Tgt Ion: 75 Resp: 19723
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.1#
77 0.0 25.1 37.7#

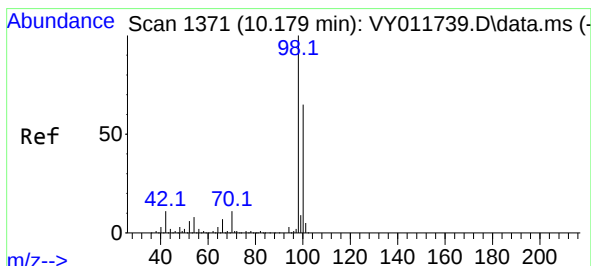
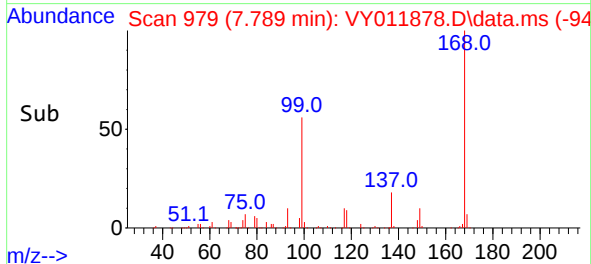
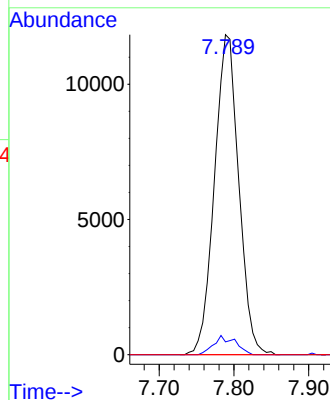
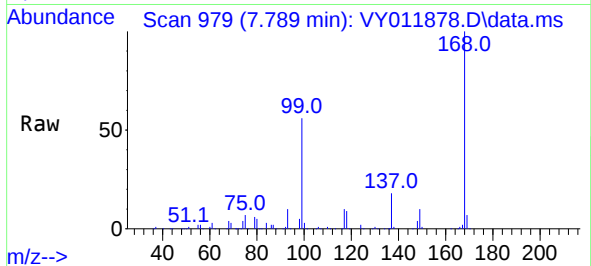




#38
Carbon Tetrachloride
Concen: 7.122 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011878.D
Acq: 15 Dec 2022 17:38

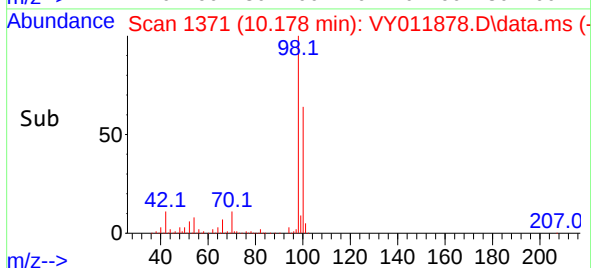
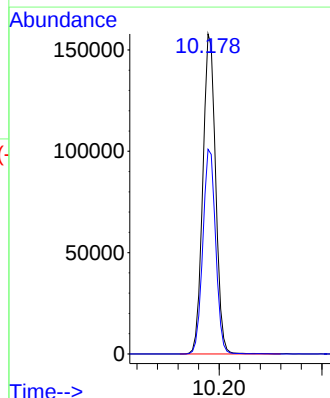
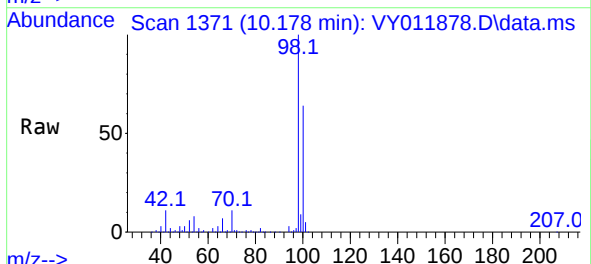
Instrument :
MSVOA_Y
ClientSampleId :
RB-41-(0-2)

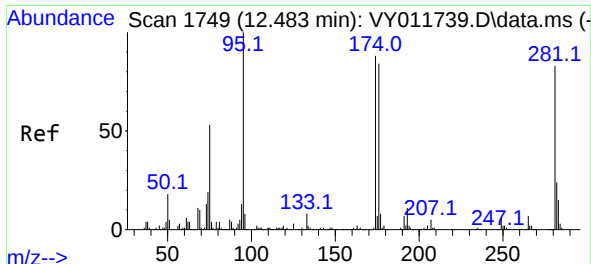
Tgt Ion:117 Resp: 26768
Ion Ratio Lower Upper
117 100
119 4.0 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 43.363 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY011878.D
Acq: 15 Dec 2022 17:38

Tgt Ion: 98 Resp: 271752
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

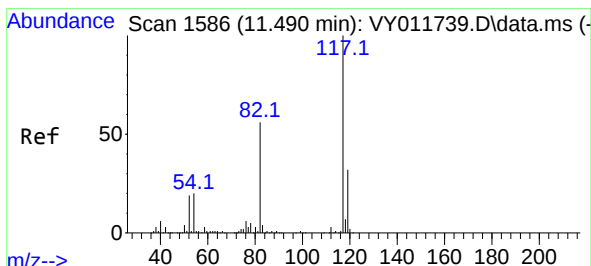
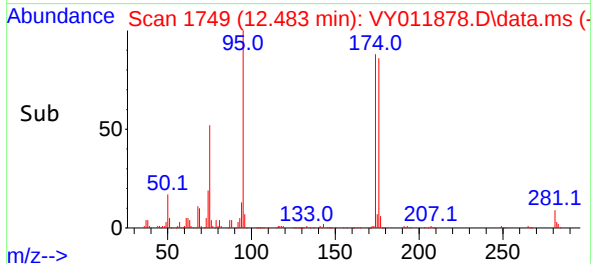
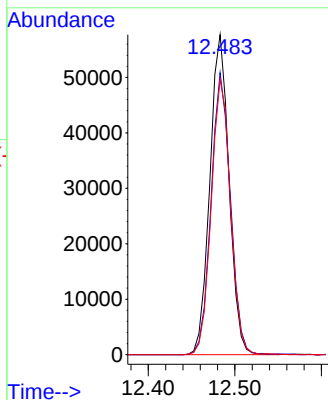
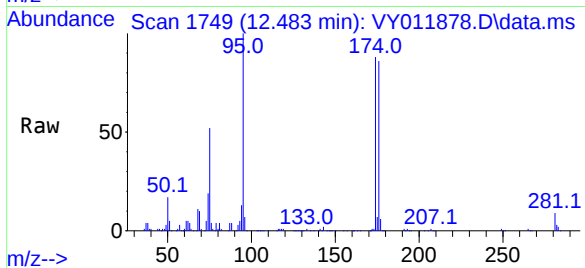




#62
4-Bromofluorobenzene
Concen: 35.009 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011878.D
Acq: 15 Dec 2022 17:38

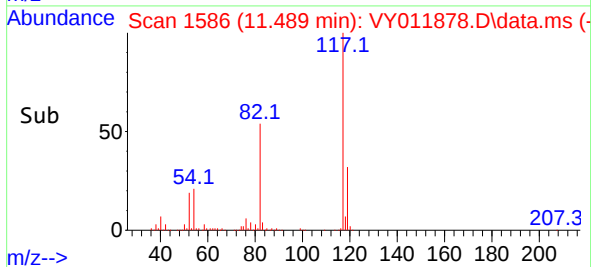
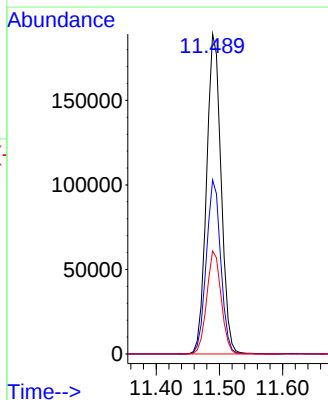
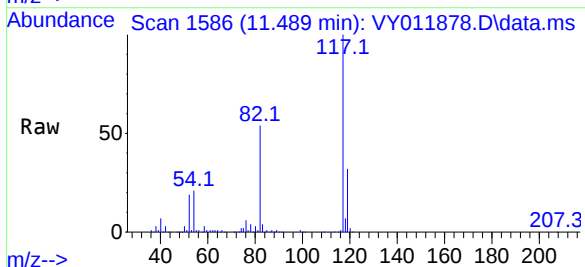
Instrument :
MSVOA_Y
ClientSampleId :
RB-41-(0-2)

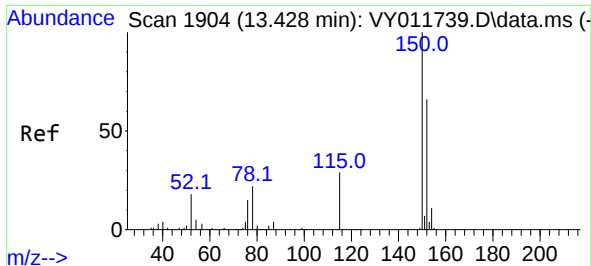
Tgt Ion: 95 Resp: 88933
Ion Ratio Lower Upper
95 100
174 88.5 0.0 172.0
176 86.3 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011878.D
Acq: 15 Dec 2022 17:38

Tgt Ion: 117 Resp: 303050
Ion Ratio Lower Upper
117 100
82 54.4 44.8 67.2
119 32.2 25.4 38.2

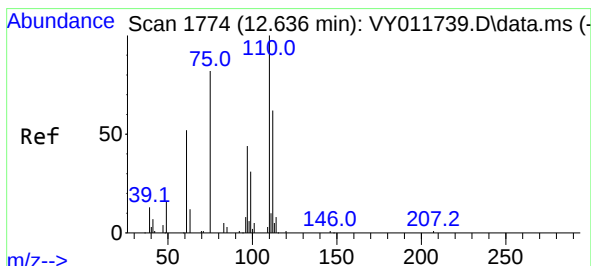
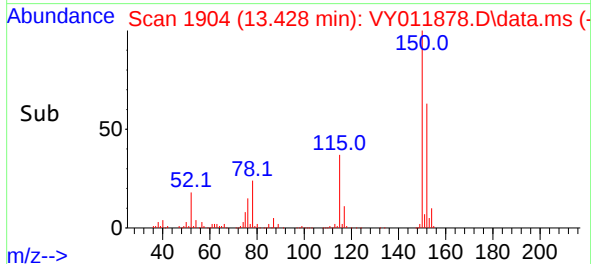
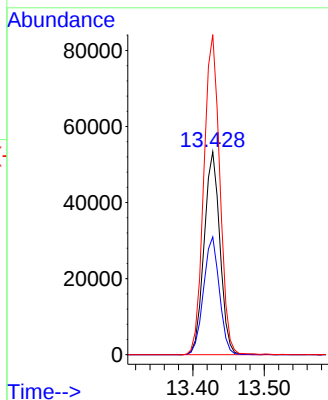
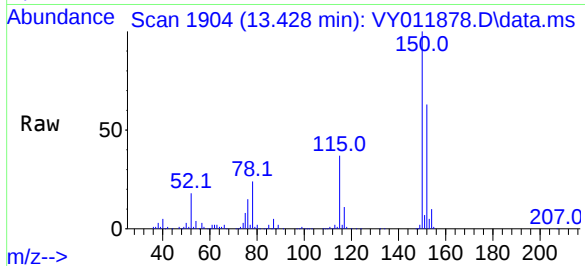




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011878.D
Acq: 15 Dec 2022 17:38

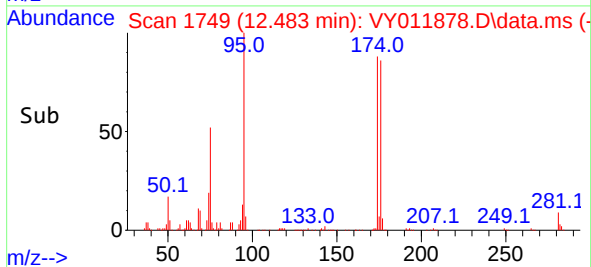
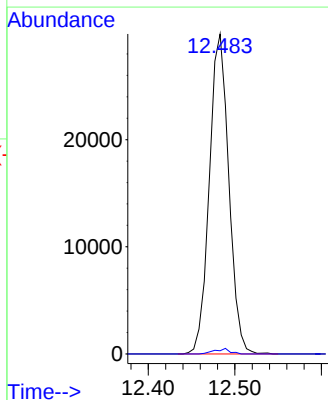
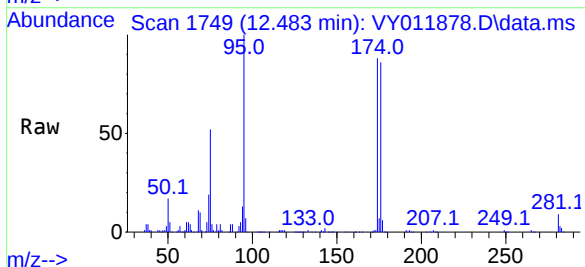
Instrument :
MSVOA_Y
ClientSampleId :
RB-41-(0-2)

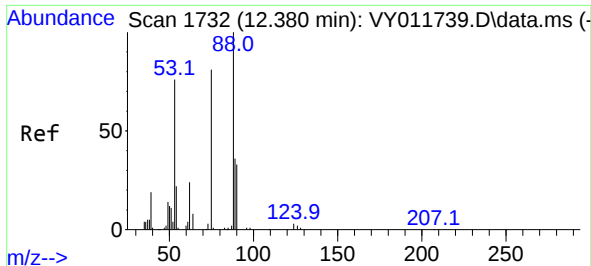
Tgt Ion:152 Resp: 81779
Ion Ratio Lower Upper
152 100
115 58.2 29.1 87.3
150 159.8 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 56.370 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011878.D
Acq: 15 Dec 2022 17:38

Tgt Ion: 75 Resp: 46640
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 127.915 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011878.D
Acq: 15 Dec 2022 17:38

Instrument :
MSVOA_Y
ClientSampleId :
RB-41-(0-2)

Tgt Ion: 75 Resp: 46640
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

