

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122022\
 Data File : VY011932.D
 Acq On : 20 Dec 2022 19:07
 Operator : KP/MD
 Sample : N6038-18RE
 Misc : 3.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-38-(0-2)RE

Quant Time: Dec 21 00:10:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

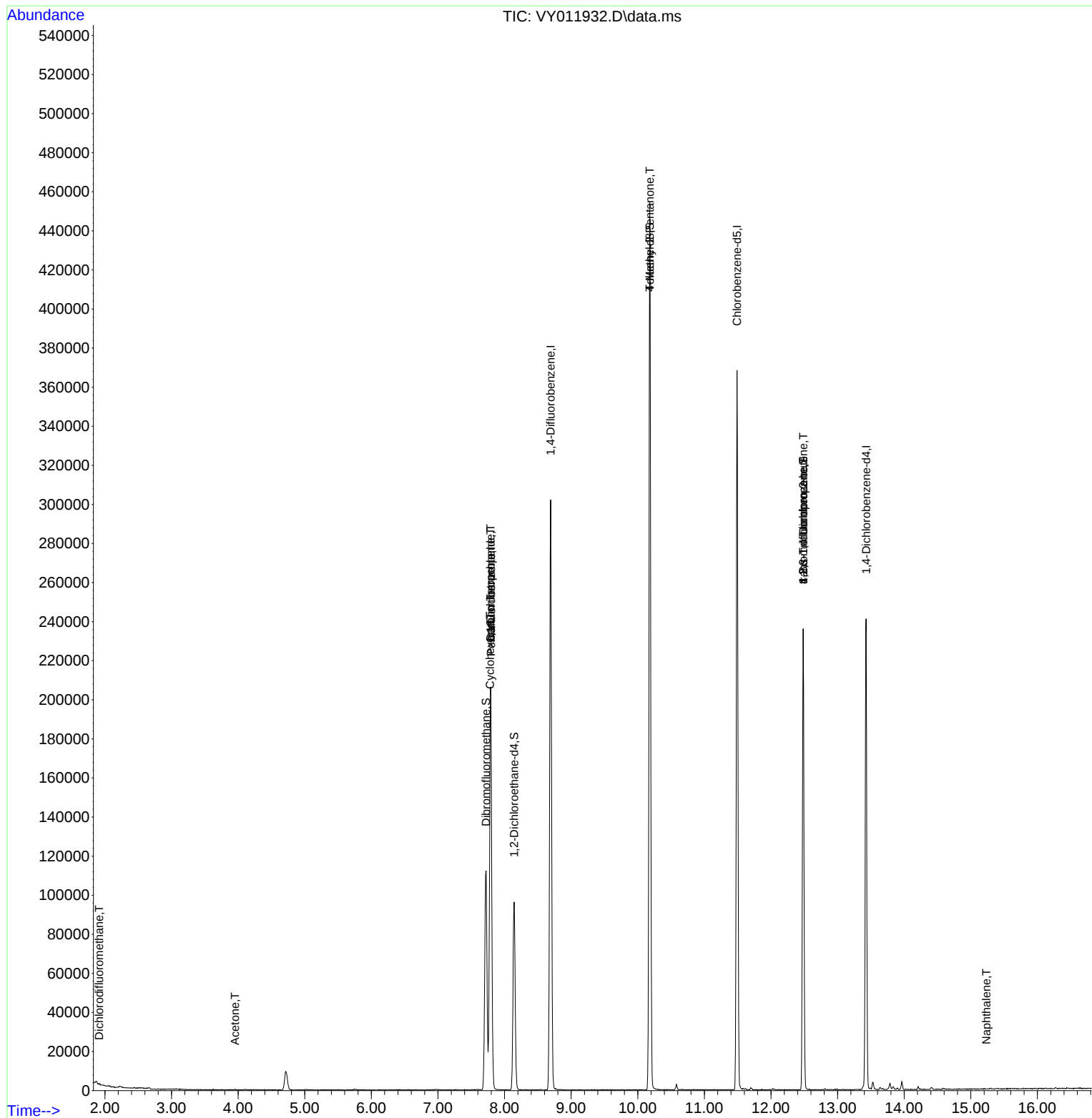
Internal Standards						
1) Pentafluorobenzene	7.795	168	162122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	259464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	207044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	78715	48.193	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.380%
35) Dibromofluoromethane	7.722	113	79846	51.116	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.240%
50) Toluene-d8	10.179	98	305156	48.150	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.300%
62) 4-Bromofluorobenzene	12.483	95	67948	31.879	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	63.760%
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.912	85	96	2.538	ug/l #	41
16) Acetone	3.954	43	365	5.608	ug/l #	40
20) Methylene Chloride	4.716	84	7483	Below Cal		94
31) Cyclohexane	7.783	56	3084	1.122	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	11381	4.542	ug/l #	50
38) Carbon Tetrachloride	7.789	117	15900	5.495	ug/l #	18
51) 4-Methyl-2-Pentanone	10.179	43	1170	1.069	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	36219	45.302	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	36219	124.060	ug/l #	13
95) Naphthalene	15.233	128	64	2.804	ug/l #	69

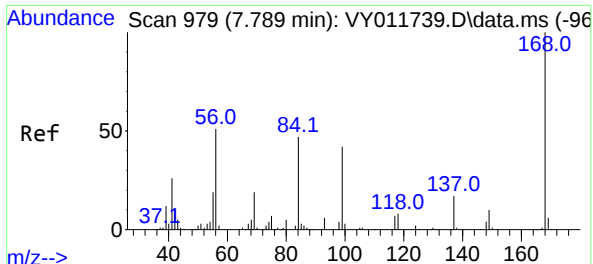
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122022\
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Quant Time: Dec 21 00:10:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration

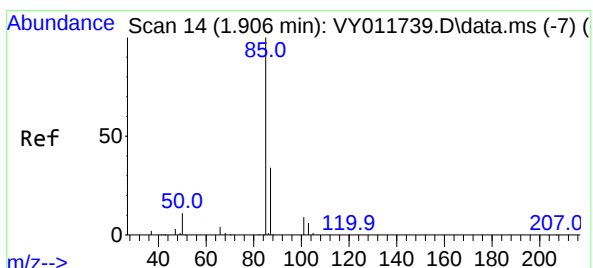
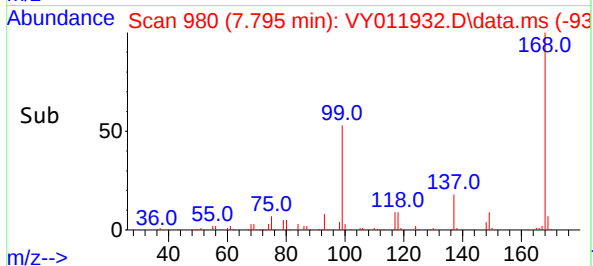
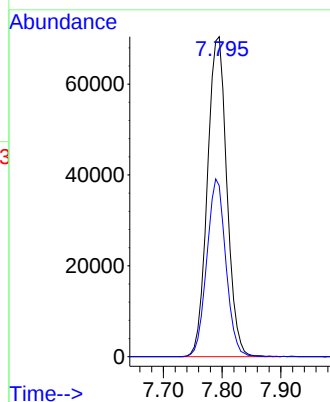
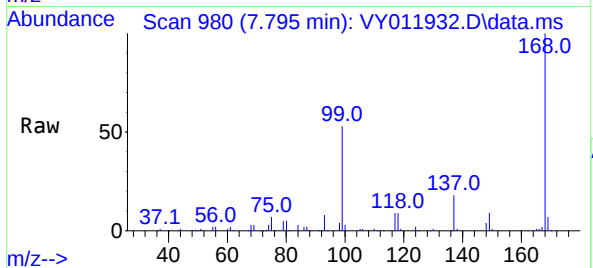




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011932.D
Acq: 20 Dec 2022 19:07

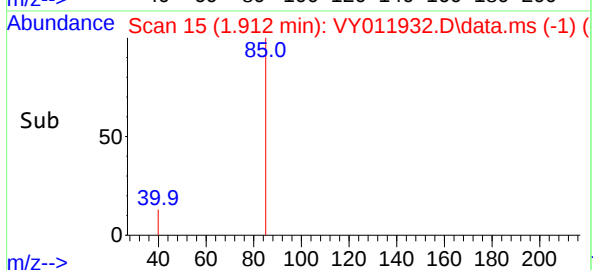
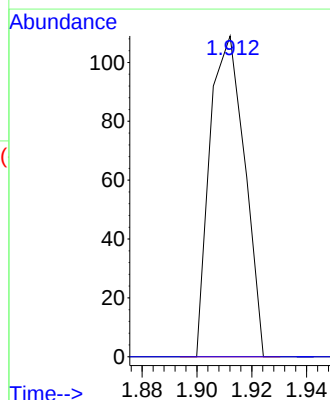
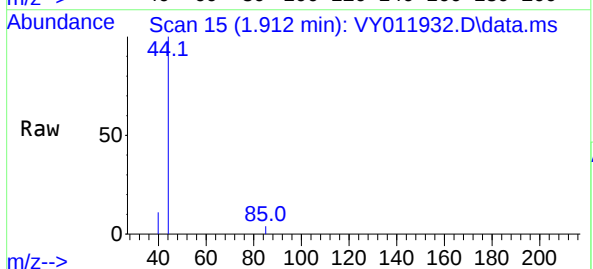
Instrument :
MSVOA_Y
ClientSampleId :
RB-38-(0-2)RE

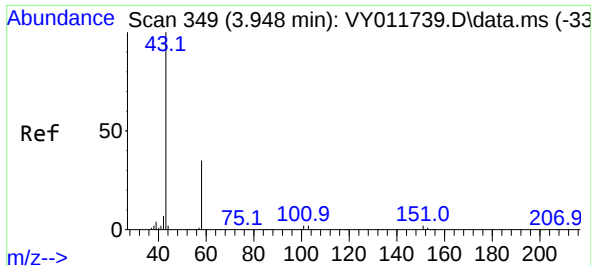
Tgt Ion:168 Resp: 162122
Ion Ratio Lower Upper
168 100
99 53.4 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 2.538 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY011932.D
Acq: 20 Dec 2022 19:07

Tgt Ion: 85 Resp: 96
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#

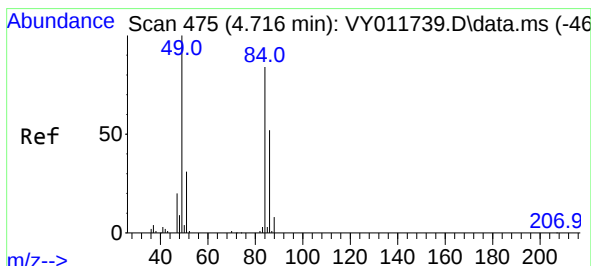
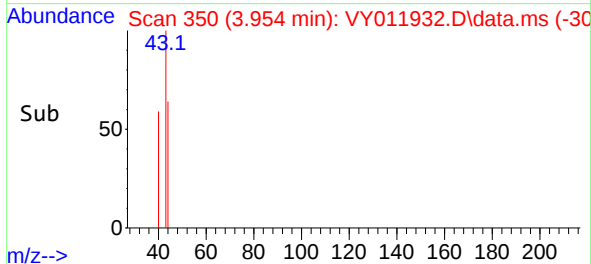
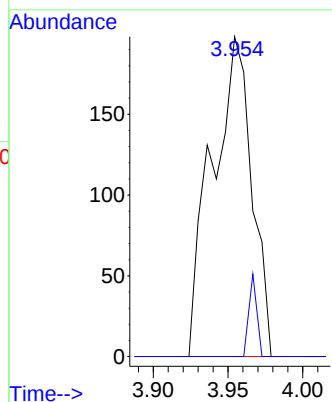
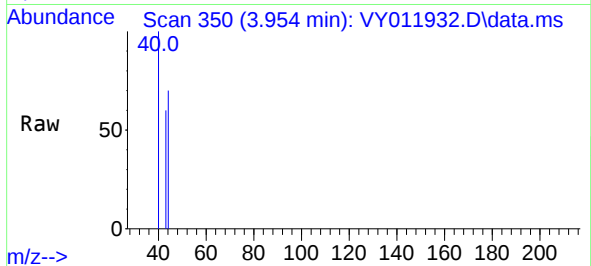




#16
Acetone
Concen: 5.608 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY011932.D
Acq: 20 Dec 2022 19:07

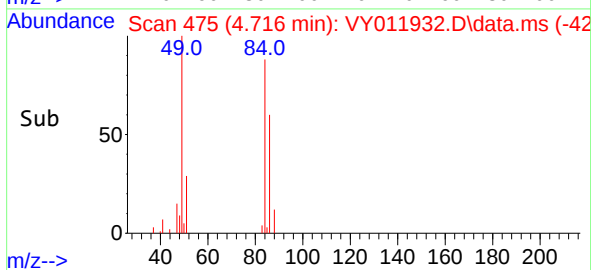
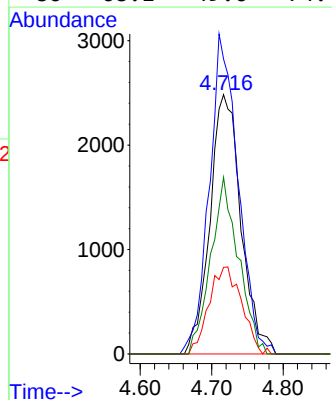
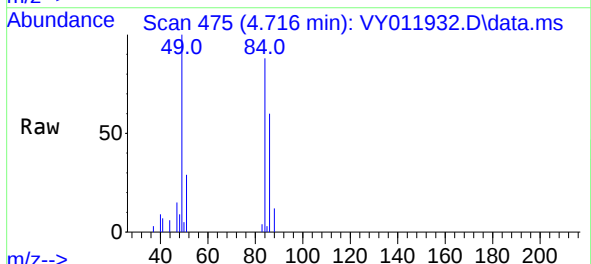
Instrument :
MSVOA_Y
ClientSampleId :
RB-38-(0-2)RE

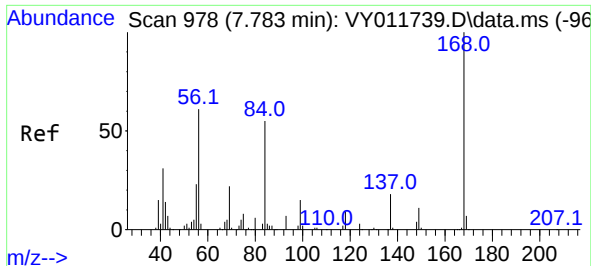
Tgt Ion: 43 Resp: 365
Ion Ratio Lower Upper
43 100
58 0.0 27.9 41.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011932.D
Acq: 20 Dec 2022 19:07

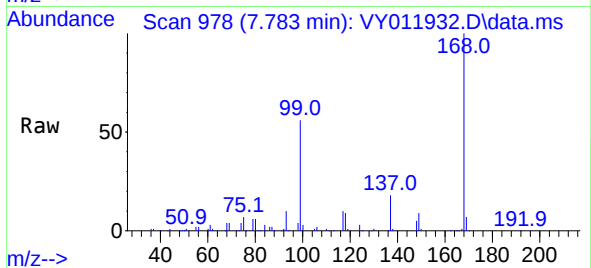
Tgt Ion: 84 Resp: 7483
Ion Ratio Lower Upper
84 100
49 113.7 95.4 143.2
51 33.4 29.9 44.9
86 68.1 49.6 74.4



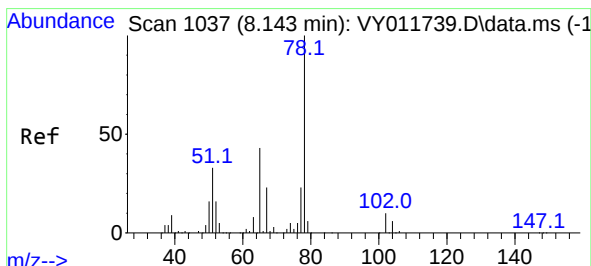
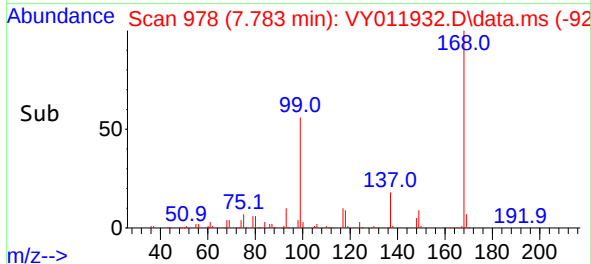
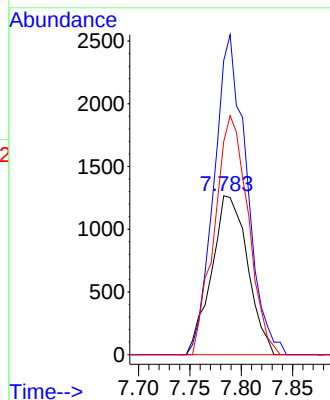


#31
Cyclohexane
Concen: 1.122 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011932.D
Acq: 20 Dec 2022 19:07

Instrument :
MSVOA_Y
ClientSampleId :
RB-38-(0-2)RE

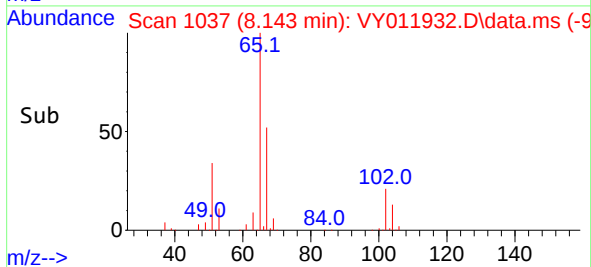
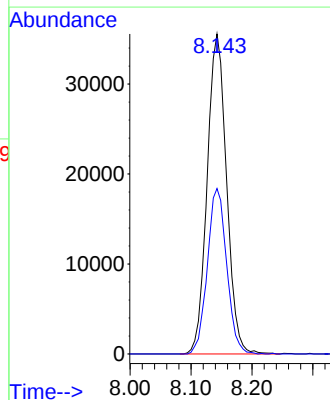
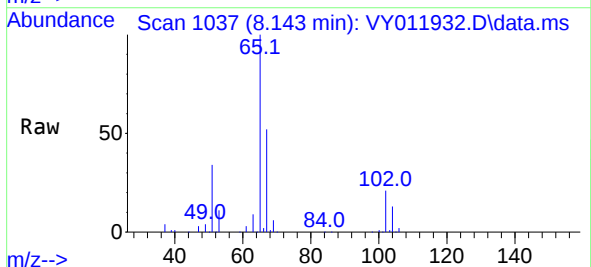


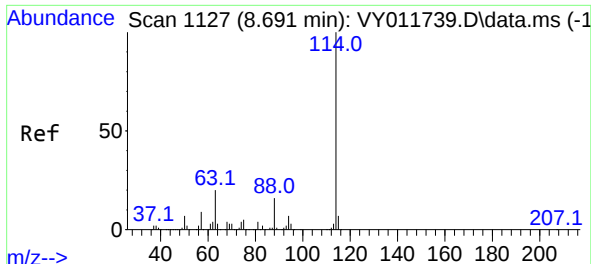
Tgt Ion: 56 Resp: 3084
Ion Ratio Lower Upper
56 100
69 185.2 29.2 43.8#
84 134.1 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 48.193 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011932.D
Acq: 20 Dec 2022 19:07

Tgt Ion: 65 Resp: 78715
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: VY011932.D

Acq: 20 Dec 2022 19:07

Instrument :

MSVOA_Y

ClientSampleId :

RB-38-(0-2)RE

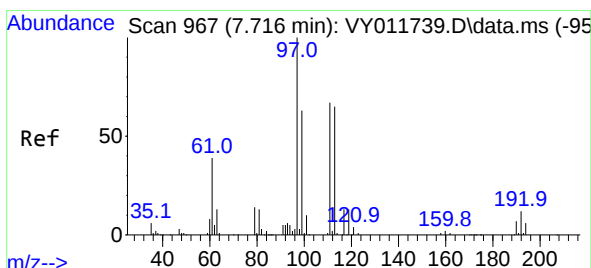
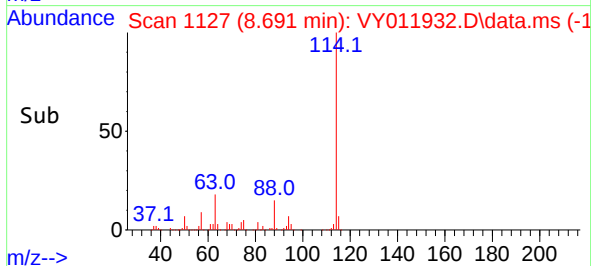
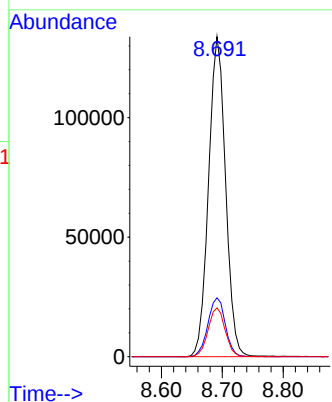
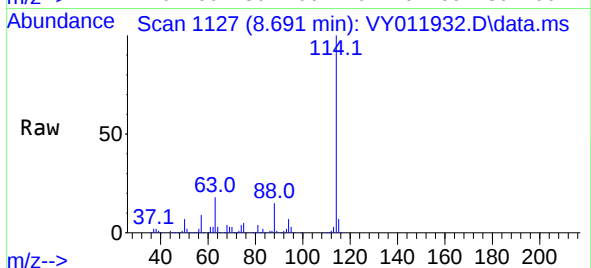
Tgt Ion:114 Resp: 259464

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.6

88 15.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 51.116 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY011932.D

Acq: 20 Dec 2022 19:07

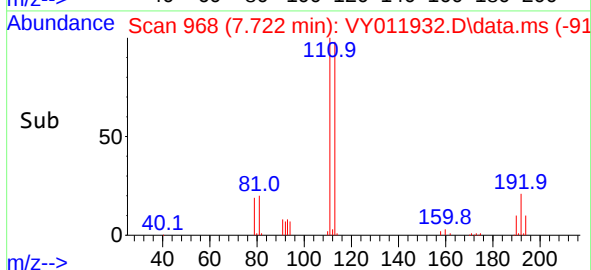
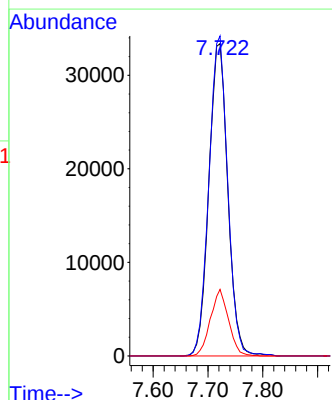
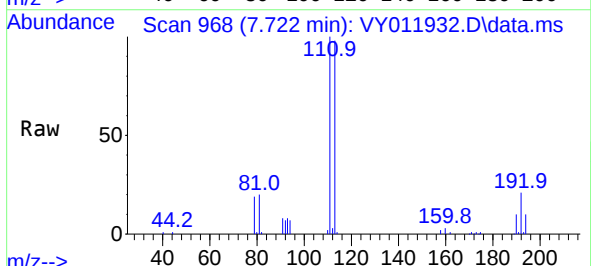
Tgt Ion:113 Resp: 79846

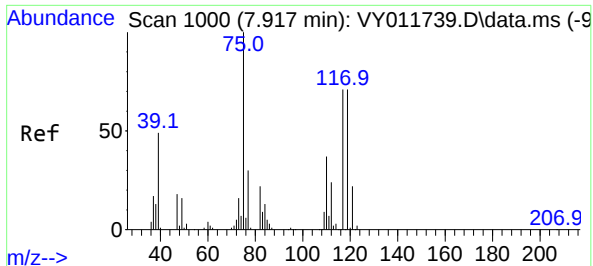
Ion Ratio Lower Upper

113 100

111 101.7 83.0 124.4

192 20.4 16.0 24.0

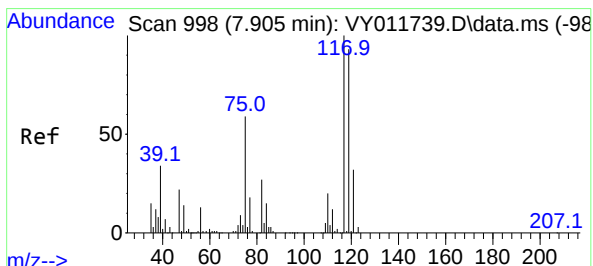
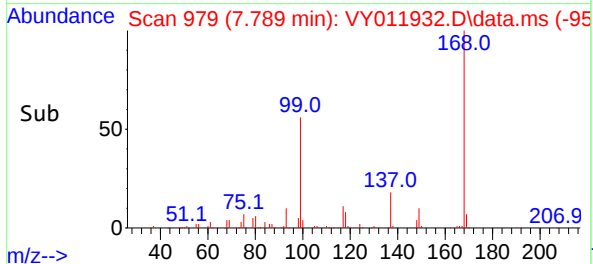
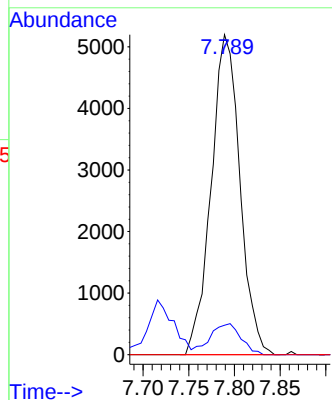
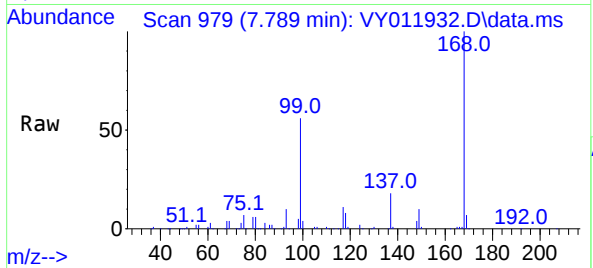




#36
1,1-Dichloropropene
Concen: 4.542 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY011932.D
Acq: 20 Dec 2022 19:07

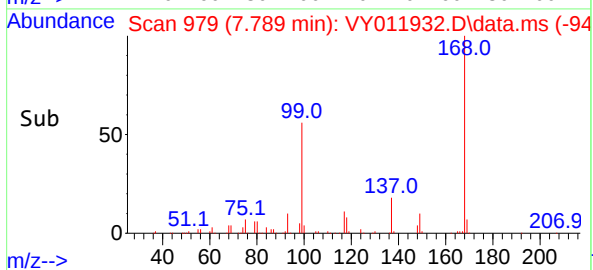
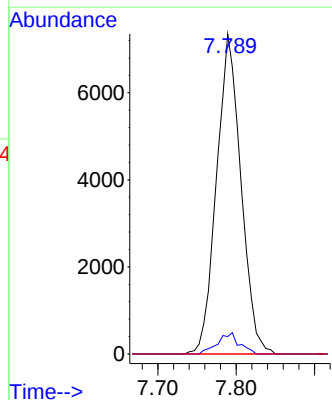
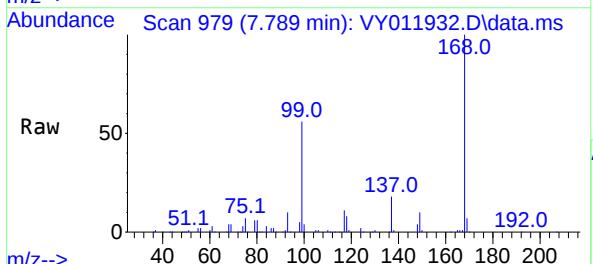
Instrument :
MSVOA_Y
ClientSampleId :
RB-38-(0-2)RE

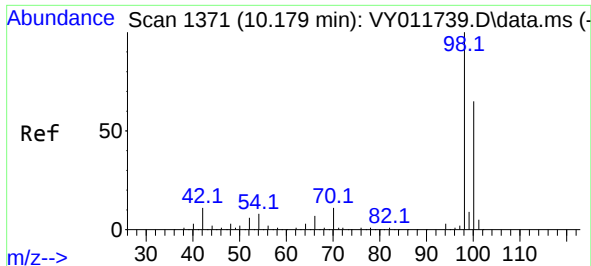
Tgt Ion: 75 Resp: 11381
Ion Ratio Lower Upper
75 100
110 10.0 18.1 54.1#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.495 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY011932.D
Acq: 20 Dec 2022 19:07

Tgt Ion: 117 Resp: 15900
Ion Ratio Lower Upper
117 100
119 5.4 73.8 110.8#
121 0.0 25.2 37.8#

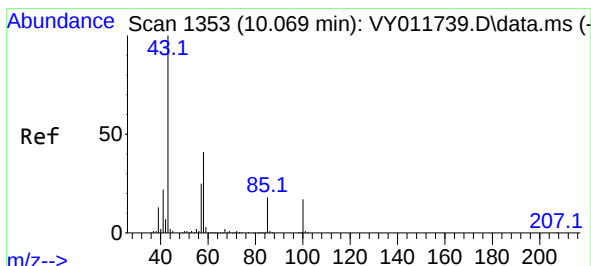
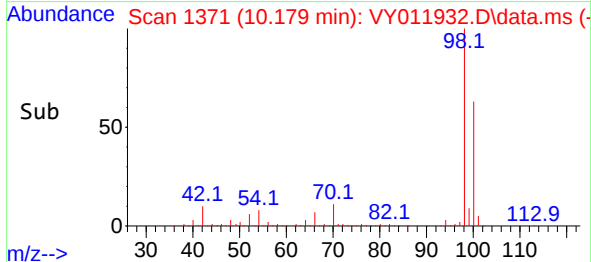
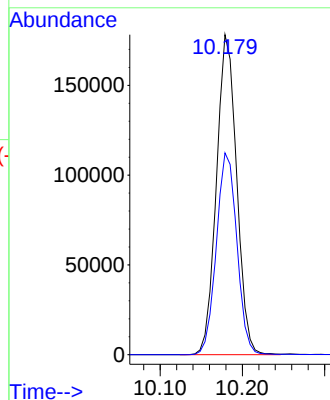
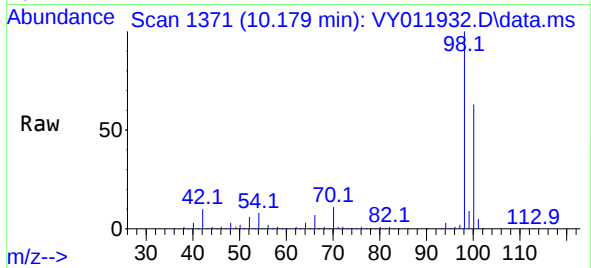




#50
Toluene-d8
Concen: 48.150 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011932.D
Acq: 20 Dec 2022 19:07

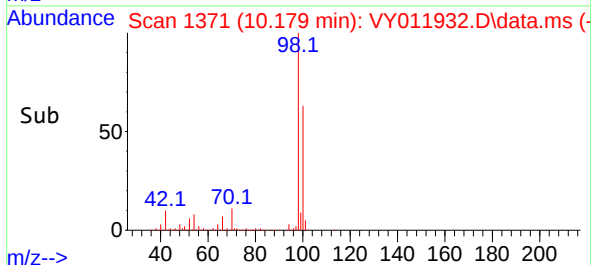
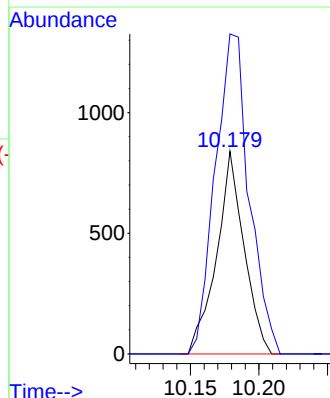
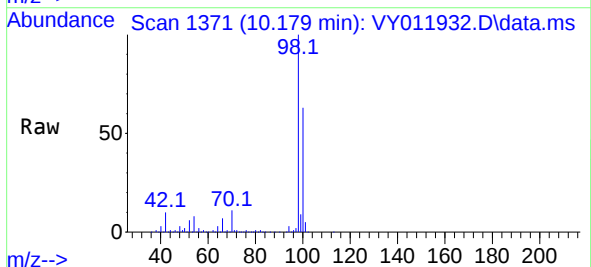
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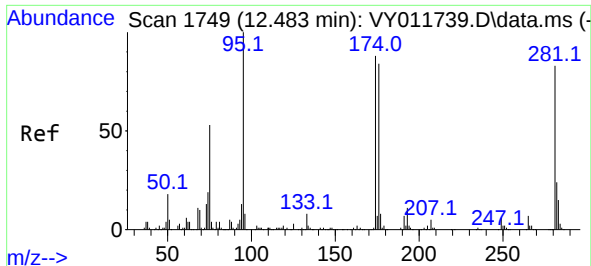
Tgt Ion: 98 Resp: 305156
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.069 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY011932.D
Acq: 20 Dec 2022 19:07

Tgt Ion: 43 Resp: 1170
Ion Ratio Lower Upper
43 100
58 194.9 32.9 49.3#

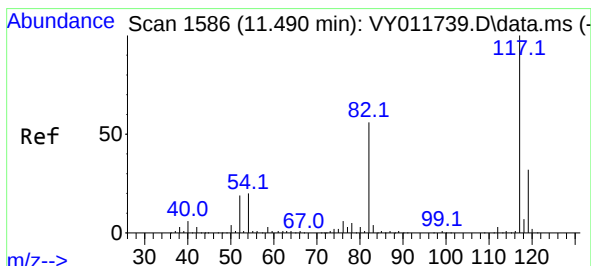
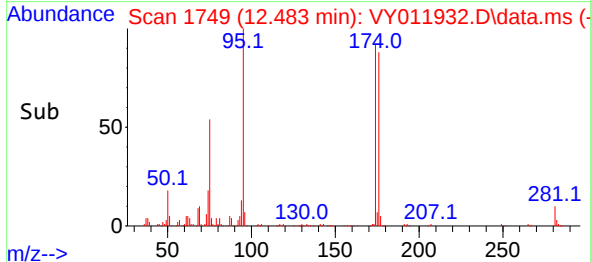
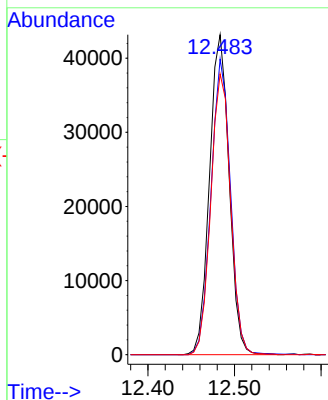
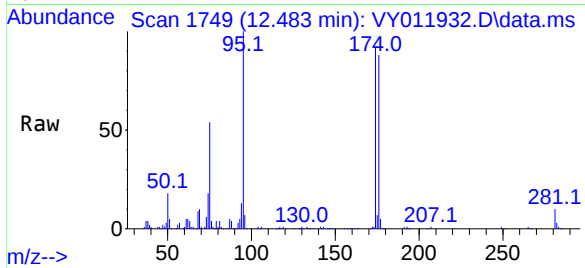




#62
4-Bromofluorobenzene
Concen: 31.879 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011932.D
Acq: 20 Dec 2022 19:07

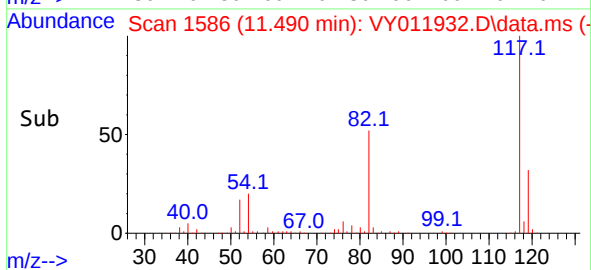
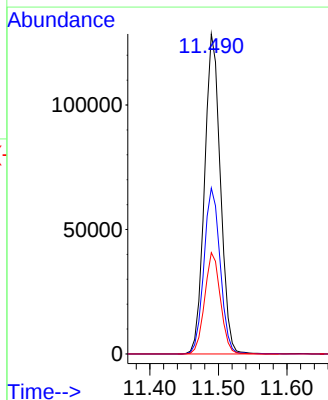
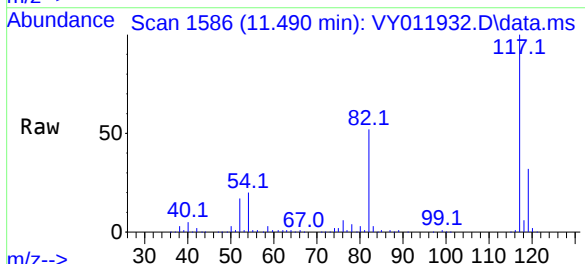
Instrument :
MSVOA_Y
ClientSampleId :
RB-38-(0-2)RE

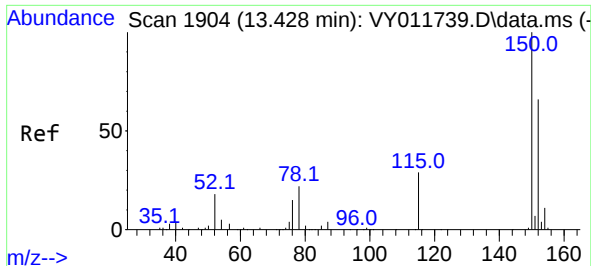
Tgt Ion:	95	Resp:	67948
Ion	Ratio	Lower	Upper
95	100		
174	91.7	0.0	172.0
176	88.5	0.0	167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY011932.D
Acq: 20 Dec 2022 19:07

Tgt Ion:	117	Resp:	207044
Ion	Ratio	Lower	Upper
117	100		
82	51.9	44.8	67.2
119	31.6	25.4	38.2

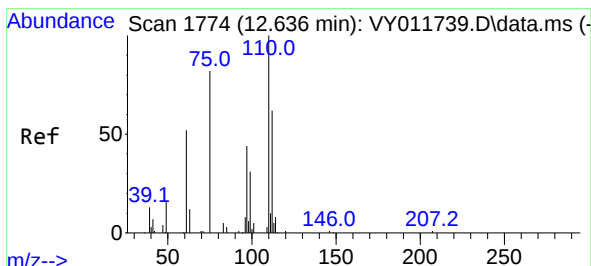
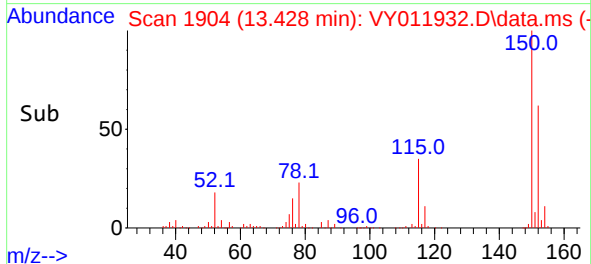
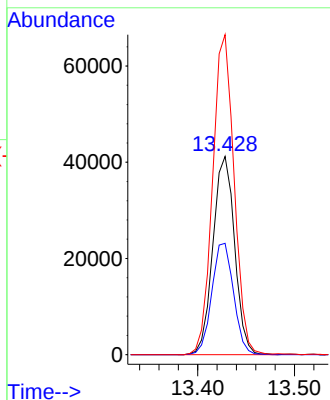
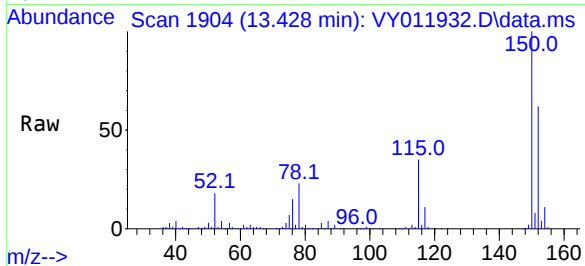




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY011932.D
 Acq: 20 Dec 2022 19:07

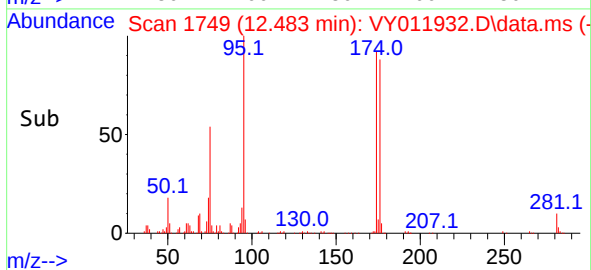
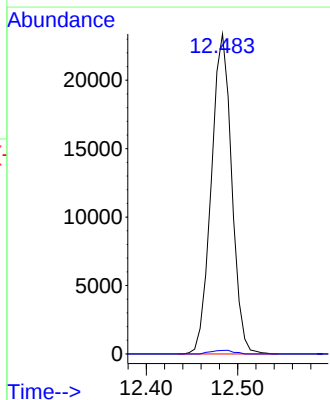
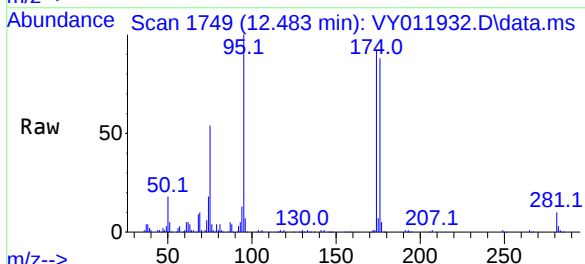
Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-38-(0-2)RE

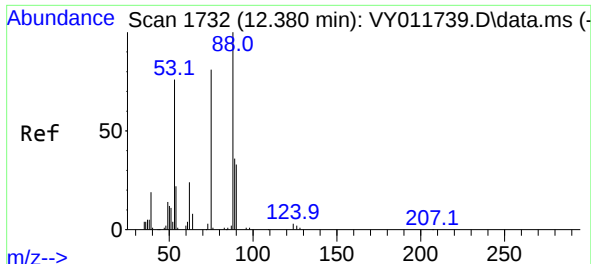
Tgt Ion:152 Resp: 64251
 Ion Ratio Lower Upper
 152 100
 115 56.5 29.1 87.3
 150 159.7 0.0 342.6



#76
 1,2,3-Trichloropropane
 Concen: 45.302 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY011932.D
 Acq: 20 Dec 2022 19:07

Tgt Ion: 75 Resp: 36219
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

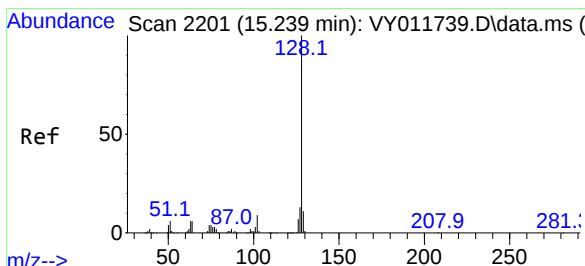
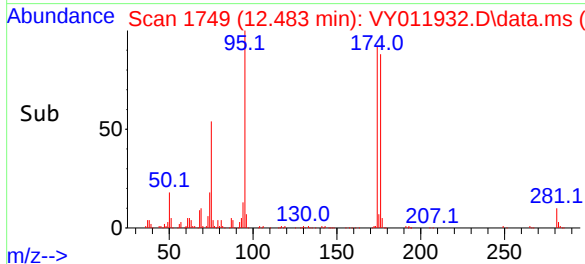
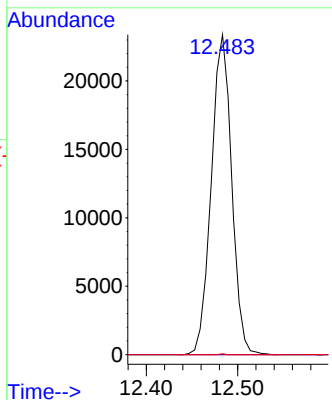
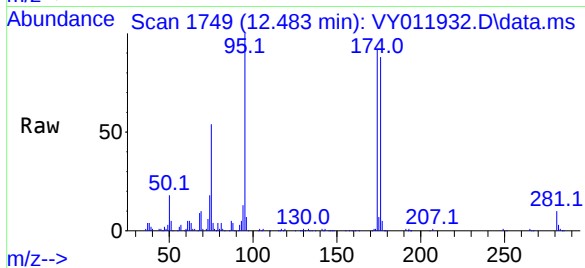




#81
trans-1,4-Dichloro-2-butene
Concen: 124.060 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY011932.D
Acq: 20 Dec 2022 19:07

Instrument :
MSVOA_Y
ClientSampleId :
RB-38-(0-2)RE

Tgt Ion: 75 Resp: 36219
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 2.804 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY011932.D
Acq: 20 Dec 2022 19:07

Tgt Ion: 128 Resp: 64
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.8 13.2#

