

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081122\
 Data File : VY009971.D
 Acq On : 11 Aug 2022 18:07
 Operator : KP/MD
 Sample : N4064-02RE
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02RE

Quant Time: Aug 12 02:50:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 17:37:28 2022
 Response via : Initial Calibration

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

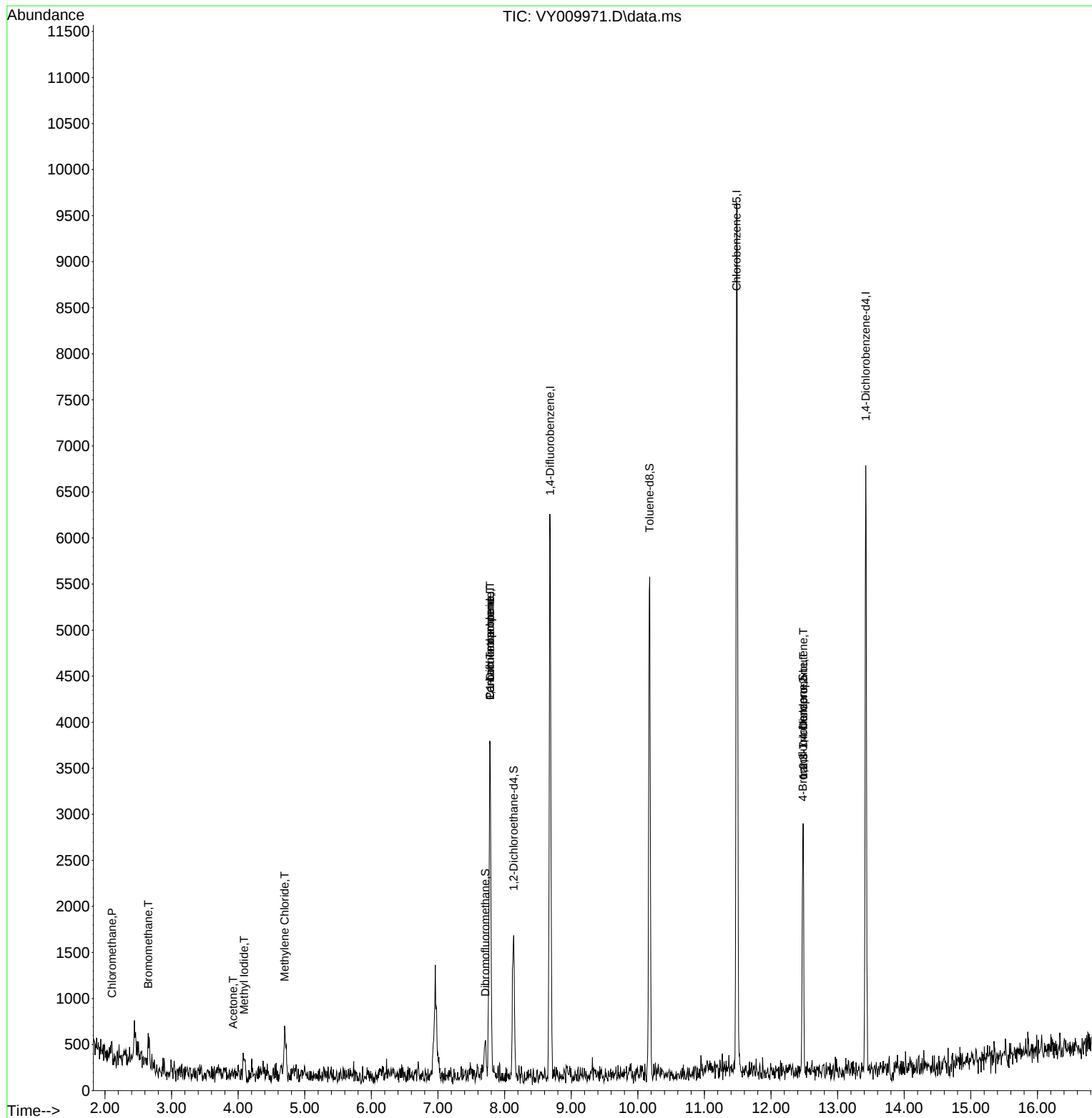
Internal Standards						
1) Pentafluorobenzene	7.783	168	2934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	4967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	5585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1275	56.624	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.240%
35) Dibromofluoromethane	7.710	113	400	13.997	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	28.000%#
50) Toluene-d8	10.179	98	3753	44.250	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.500%
62) 4-Bromofluorobenzene	12.477	95	1050	26.134	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	52.260%
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	163	6.271	ug/l #	40
5) Bromomethane	2.650	94	193	7.036	ug/l	84
10) Methyl Iodide	4.088	142	386	9.816	ug/l #	62
16) Acetone	3.924	43	21	2.845	ug/l #	45
20) Methylene Chloride	4.698	84	339	5.583	ug/l #	81
36) 1,1-Dichloropropene	7.783	75	227	4.563	ug/l #	40
38) Carbon Tetrachloride	7.783	117	243	5.100	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	523	29.057	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	523	56.560	ug/l #	13

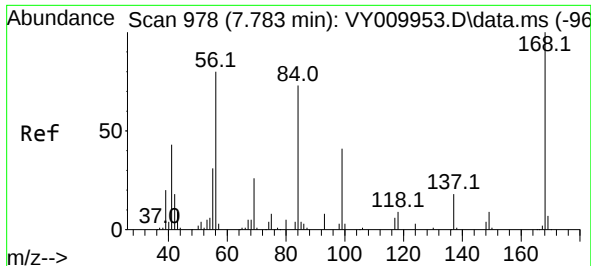
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081122\
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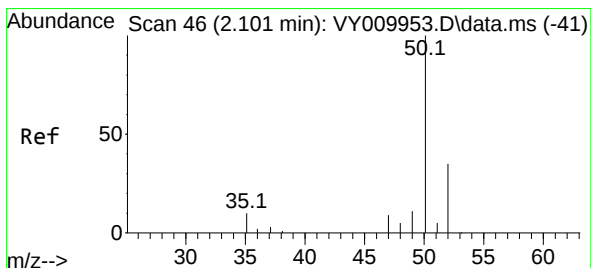
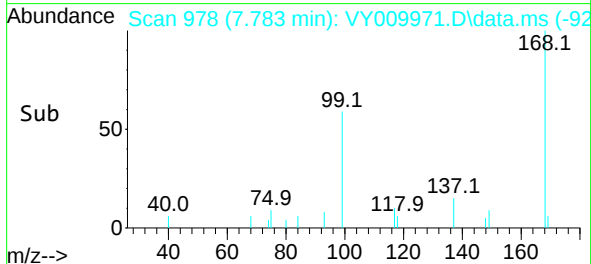
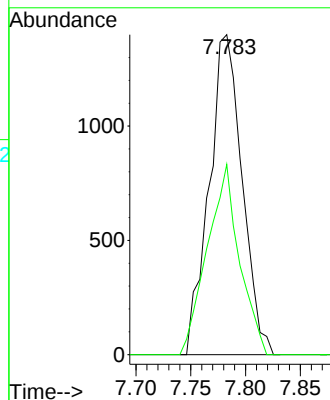
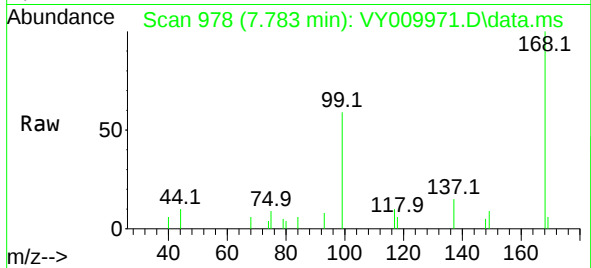




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009971.D
Acq: 11 Aug 2022 18:07

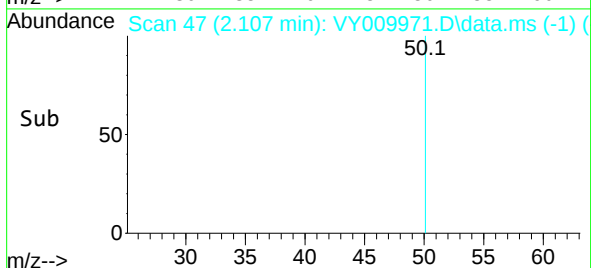
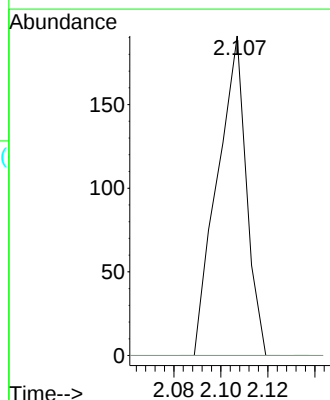
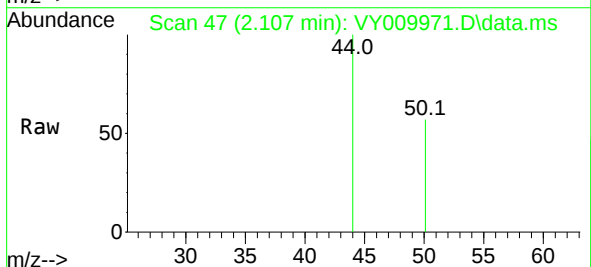
Instrument :
MSVOA_Y
ClientSampleId :
SB-02RE

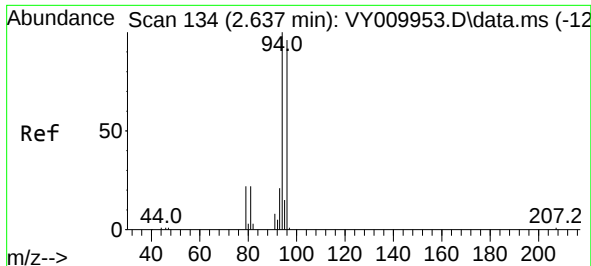
Tgt Ion:168 Resp: 2934
Ion Ratio Lower Upper
168 100
99 59.4 42.1 63.1



#3
Chloromethane
Concen: 6.271 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.006 min
Lab File: VY009971.D
Acq: 11 Aug 2022 18:07

Tgt Ion: 50 Resp: 163
Ion Ratio Lower Upper
50 100
52 0.0 27.9 41.9#

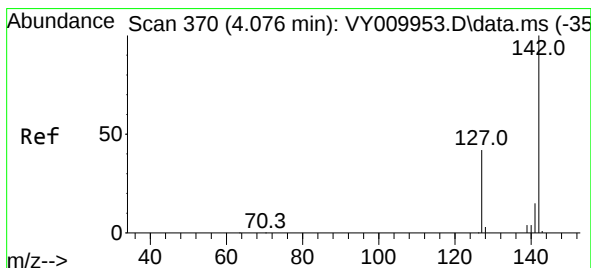
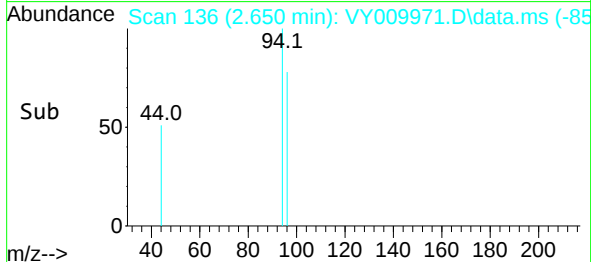
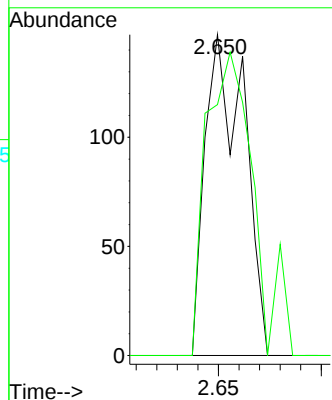
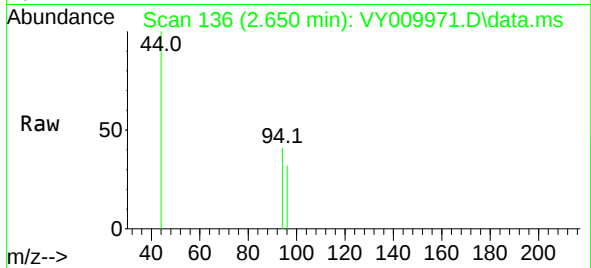




#5
Bromomethane
Concen: 7.036 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY009971.D
Acq: 11 Aug 2022 18:07

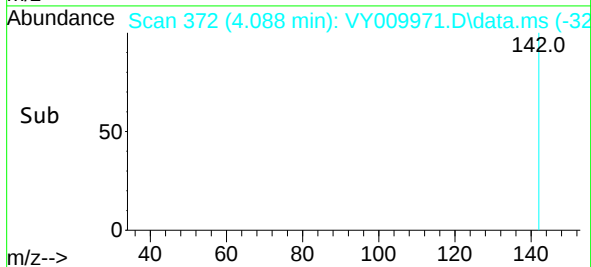
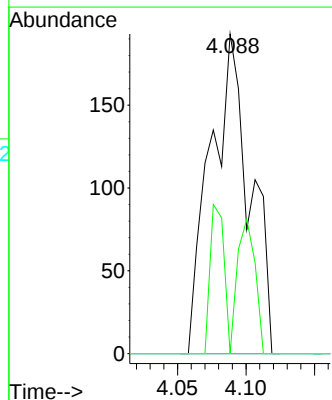
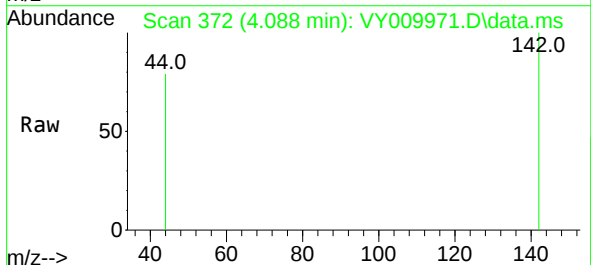
Instrument :
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ClientSampleId :
SB-02RE

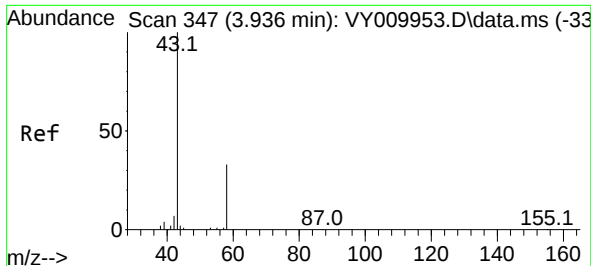
Tgt Ion: 94 Resp: 193
Ion Ratio Lower Upper
94 100
96 78.2 74.6 111.8



#10
Methyl Iodide
Concen: 9.816 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.012 min
Lab File: VY009971.D
Acq: 11 Aug 2022 18:07

Tgt Ion: 142 Resp: 386
Ion Ratio Lower Upper
142 100
127 18.9 35.2 52.8#
141 0.0 11.4 17.2#

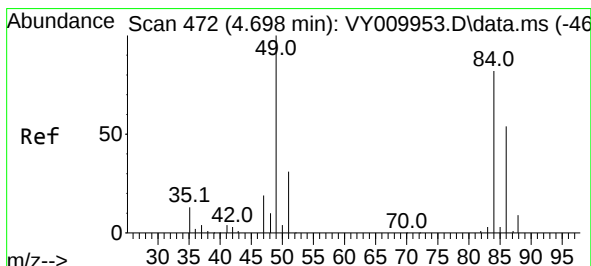
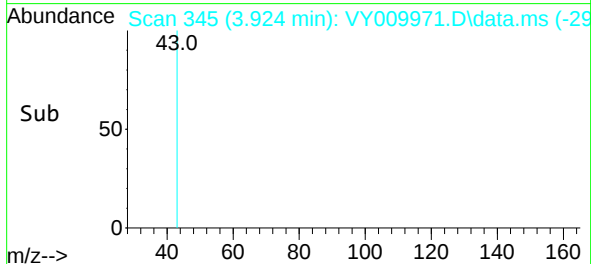
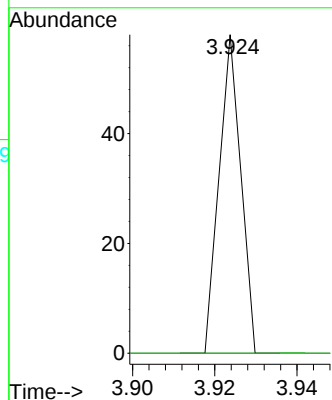
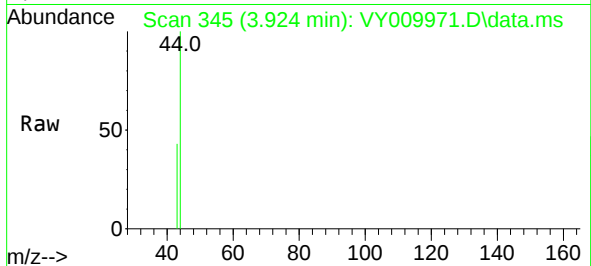




#16
Acetone
Concen: 2.845 ug/l
RT: 3.924 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY009971.D
Acq: 11 Aug 2022 18:07

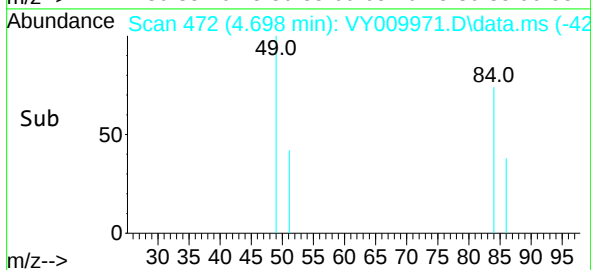
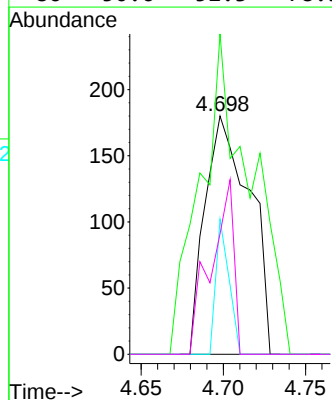
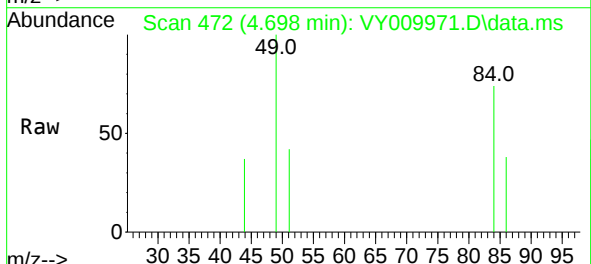
Instrument :
MSVOA_Y
ClientSampleId :
SB-02RE

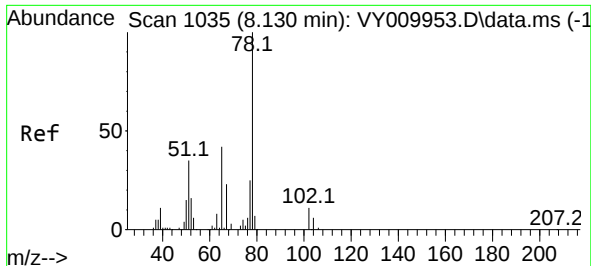
Tgt Ion: 43 Resp: 21
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#



#20
Methylene Chloride
Concen: 5.583 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY009971.D
Acq: 11 Aug 2022 18:07

Tgt Ion: 84 Resp: 339
Ion Ratio Lower Upper
84 100
49 103.9 98.2 147.4
51 56.7 33.4 50.0#
86 50.6 52.3 78.5#





#33

1,2-Dichloroethane-d4

Concen: 56.624 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY009971.D

Acq: 11 Aug 2022 18:07

Instrument :

MSVOA_Y

ClientSampleId :

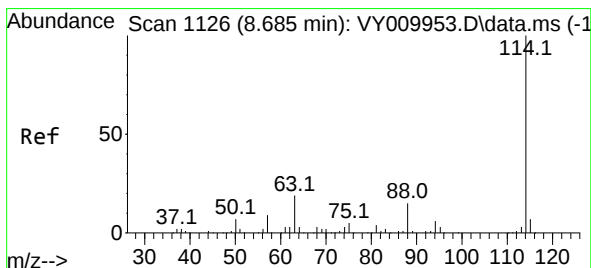
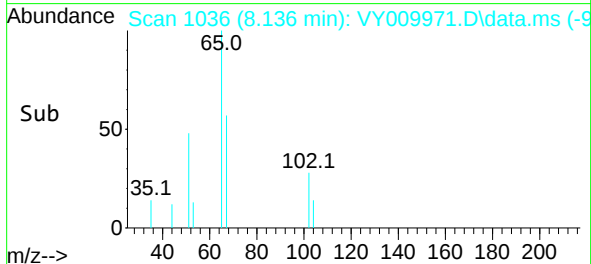
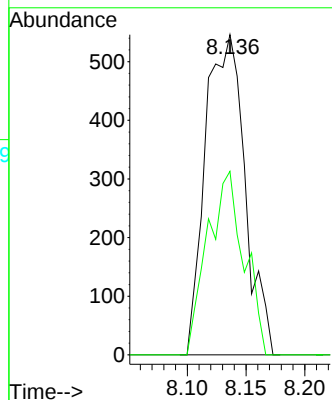
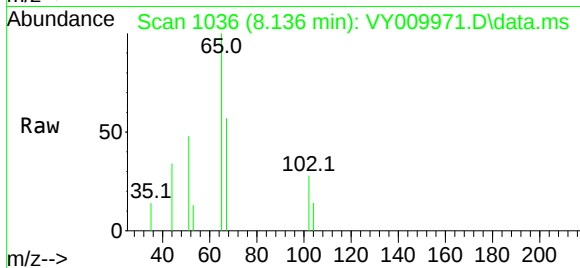
SB-02RE

Tgt Ion: 65 Resp: 1275

Ion Ratio Lower Upper

65 100

67 53.0 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009971.D

Acq: 11 Aug 2022 18:07

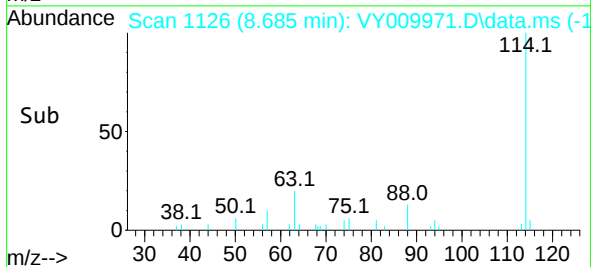
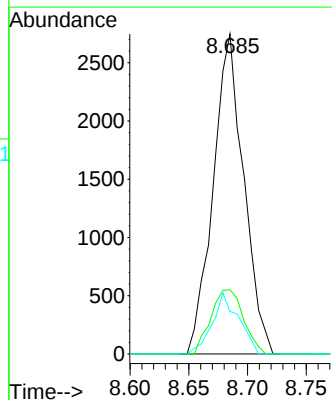
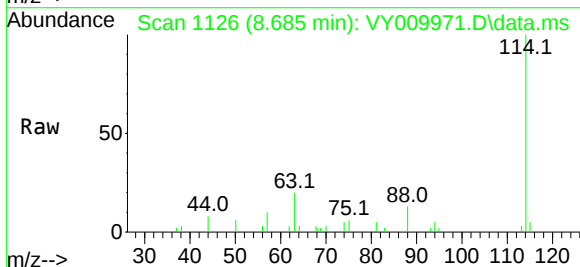
Tgt Ion: 114 Resp: 4967

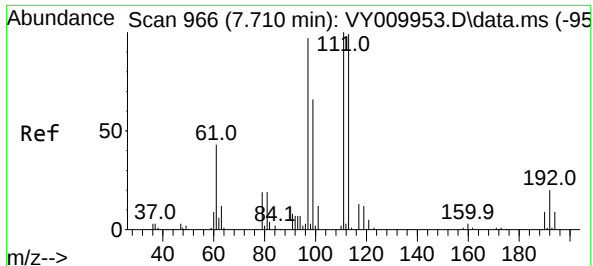
Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.0

88 13.3 0.0 30.0

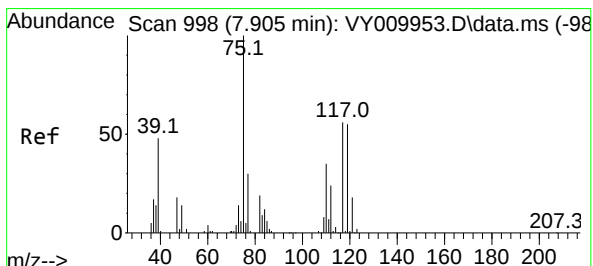
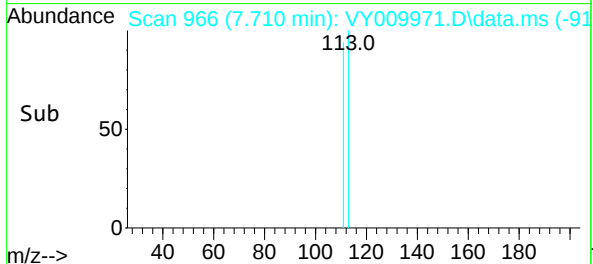
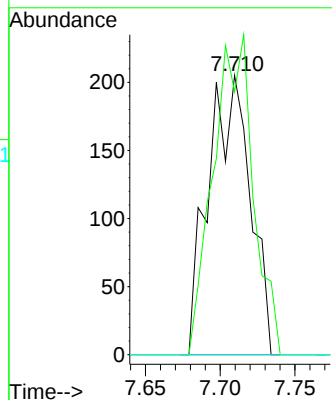
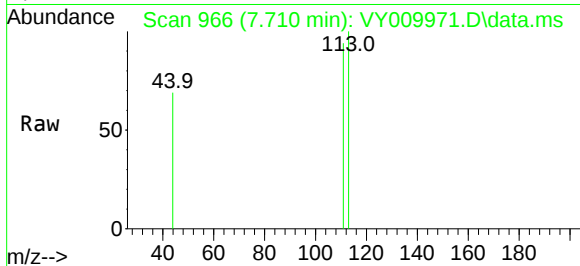




#35
Dibromofluoromethane
Concen: 13.997 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009971.D
Acq: 11 Aug 2022 18:07

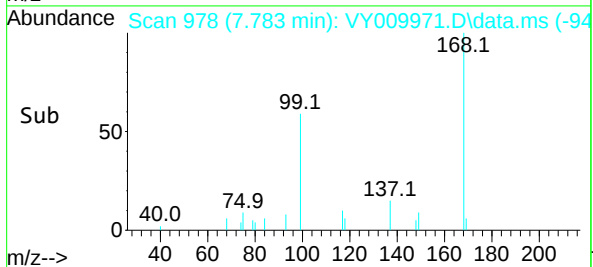
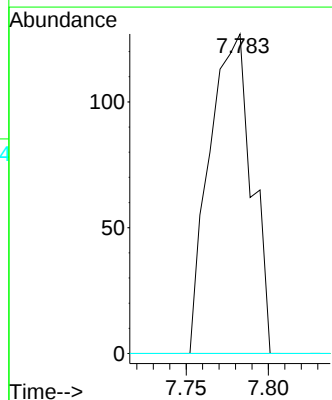
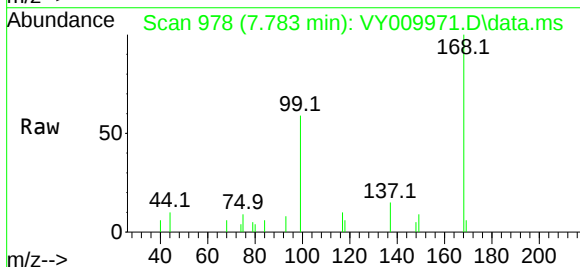
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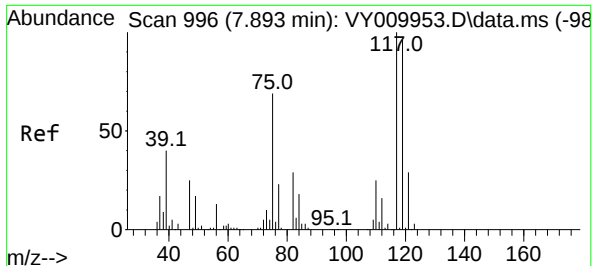
Tgt Ion:113 Resp: 400
Ion Ratio Lower Upper
113 100
111 108.7 80.6 120.8
192 0.0 16.2 24.4#



#36
1,1-Dichloropropene
Concen: 4.563 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY009971.D
Acq: 11 Aug 2022 18:07

Tgt Ion: 75 Resp: 227
Ion Ratio Lower Upper
75 100
110 0.0 18.6 56.0#
77 0.0 25.0 37.4#

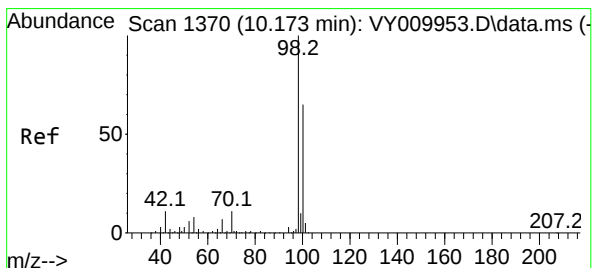
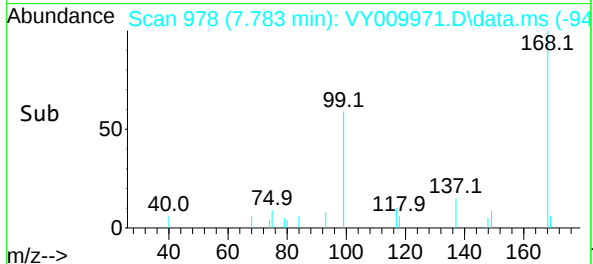
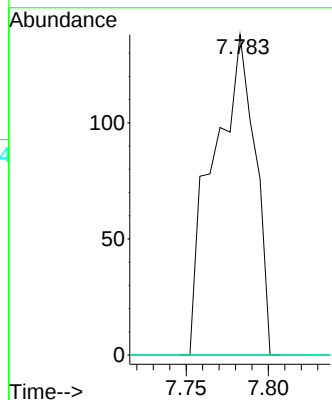
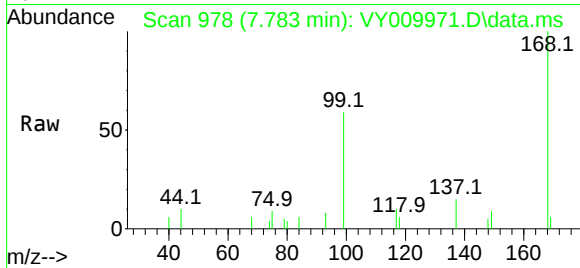




#38
Carbon Tetrachloride
Concen: 5.100 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009971.D
Acq: 11 Aug 2022 18:07

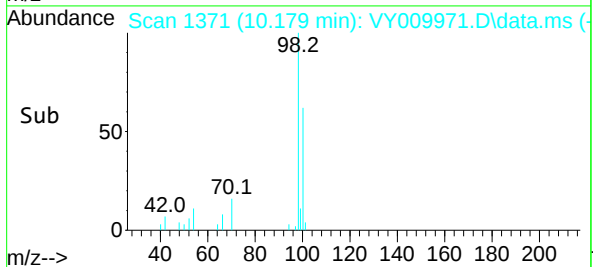
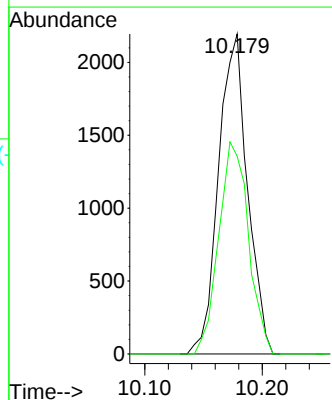
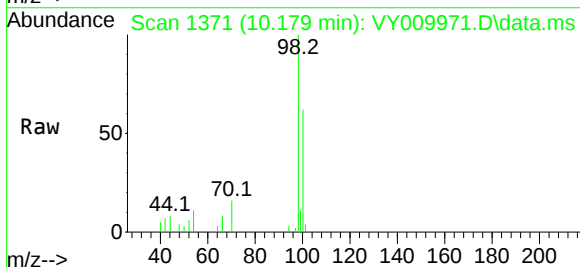
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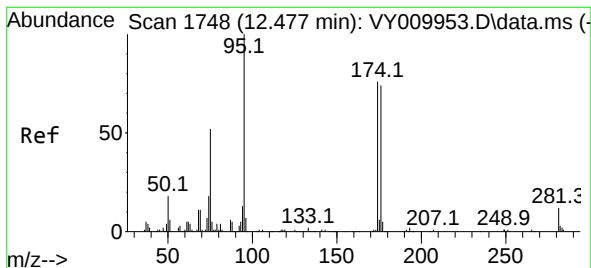
Tgt Ion:117 Resp: 243
Ion Ratio Lower Upper
117 100
119 0.0 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 44.250 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY009971.D
Acq: 11 Aug 2022 18:07

Tgt Ion: 98 Resp: 3753
Ion Ratio Lower Upper
98 100
100 68.3 52.9 79.3

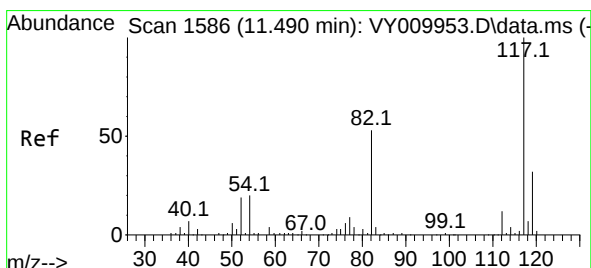
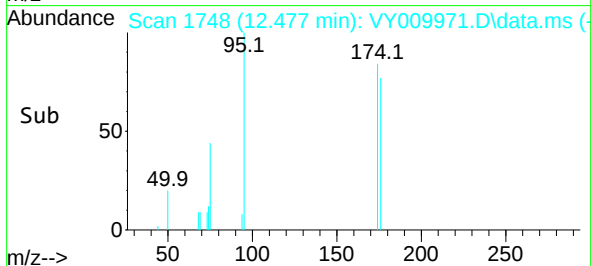
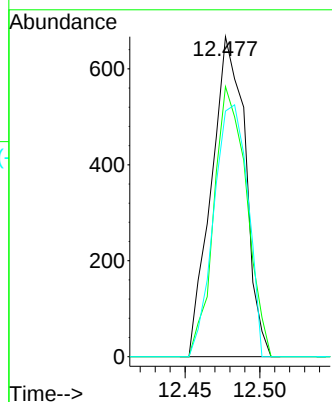
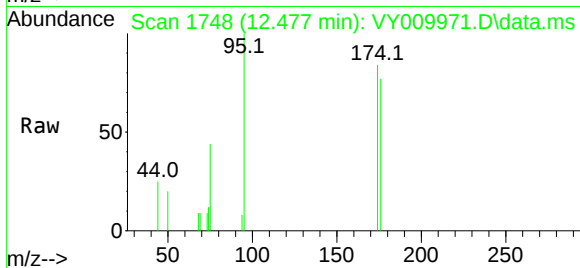




#62
4-Bromofluorobenzene
Concen: 26.134 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009971.D
Acq: 11 Aug 2022 18:07

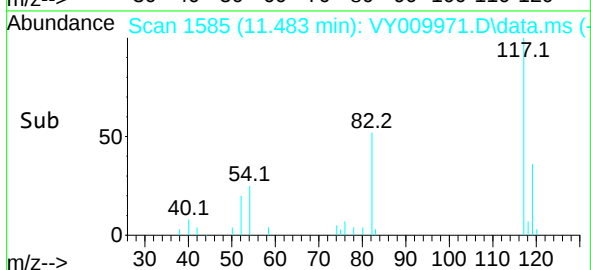
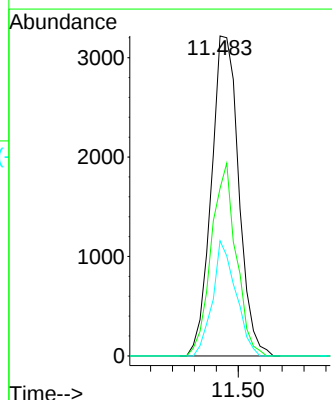
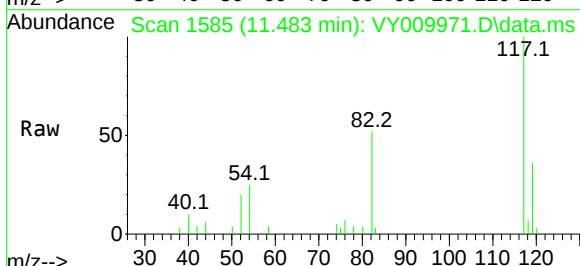
Instrument :
MSVOA_Y
ClientSampleId :
SB-02RE

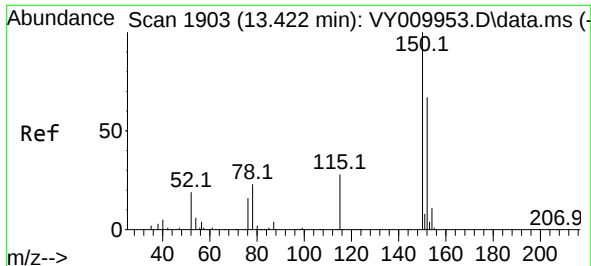
Tgt Ion: 95 Resp: 1050
Ion Ratio Lower Upper
95 100
174 81.4 0.0 173.8
176 79.1 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.007 min
Lab File: VY009971.D
Acq: 11 Aug 2022 18:07

Tgt Ion: 117 Resp: 5585
Ion Ratio Lower Upper
117 100
82 52.4 41.8 62.6
119 36.0 25.6 38.4

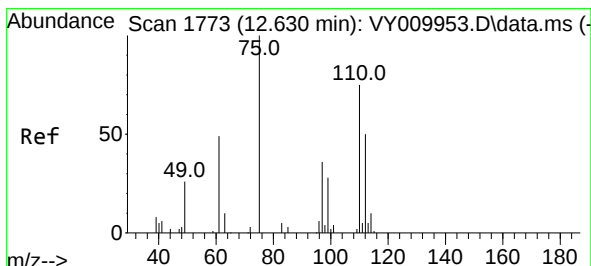
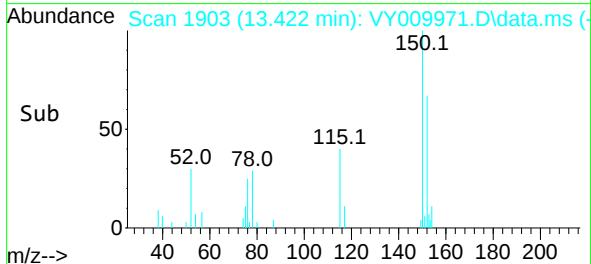
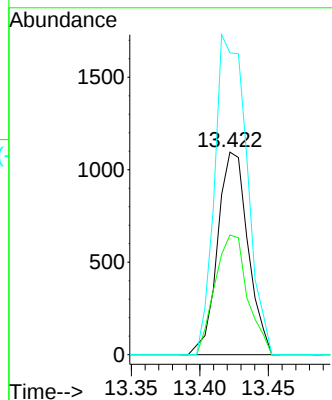
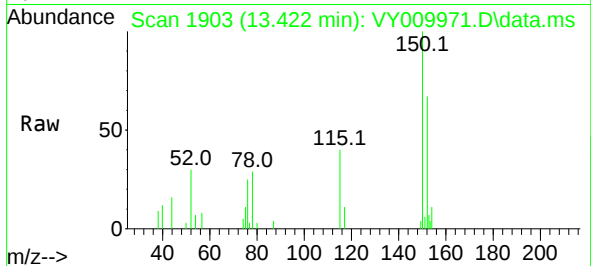




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009971.D
 Acq: 11 Aug 2022 18:07

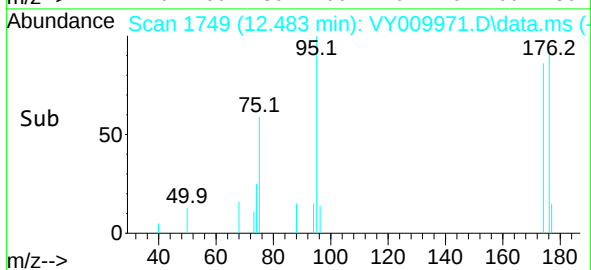
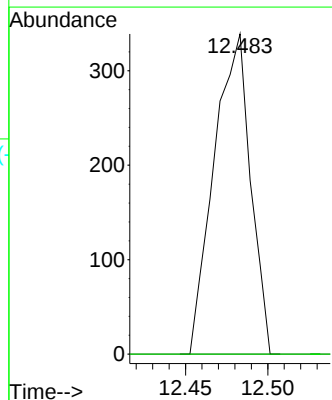
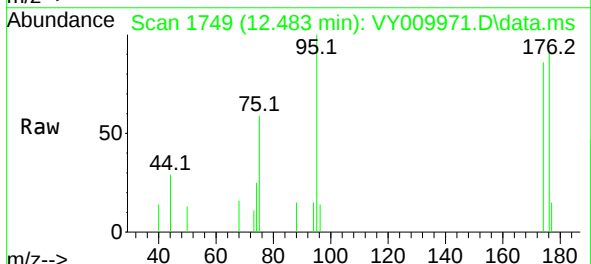
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02RE

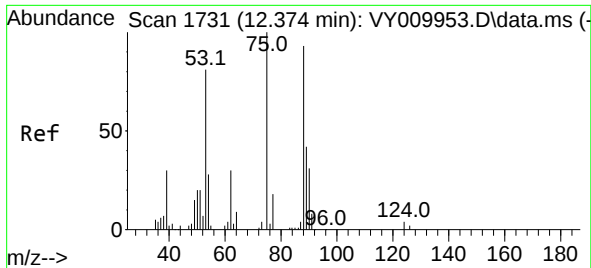
Tgt Ion:152 Resp: 1686
 Ion Ratio Lower Upper
 152 100
 115 63.2 28.6 85.9
 150 167.7 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 29.057 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY009971.D
 Acq: 11 Aug 2022 18:07

Tgt Ion: 75 Resp: 523
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81

trans-1,4-Dichloro-2-butene

Concen: 56.560 ug/l

RT: 12.483 min Scan# 11

Delta R.T. 0.109 min

Lab File: VY009971.D

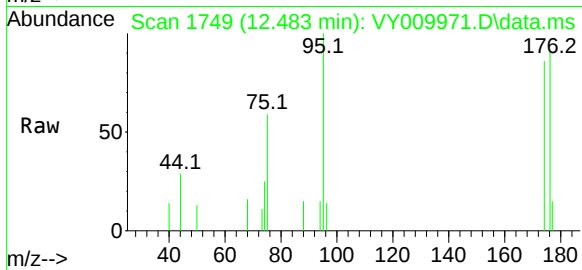
Acq: 11 Aug 2022 18:07

Instrument :

MSVOA_Y

ClientSampleId :

SB-02RE



Tgt Ion: 75 Resp: 523

Ion Ratio Lower Upper

75 100

53 0.0 71.4 107.2#

89 0.0 38.1 57.1#

