

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020722\
 Data File : VY007421.D
 Acq On : 07 Feb 2022 18:27
 Operator : SY/MD
 Sample : N1421-06
 Misc : 5.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6

Quant Time: Feb 08 00:41:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

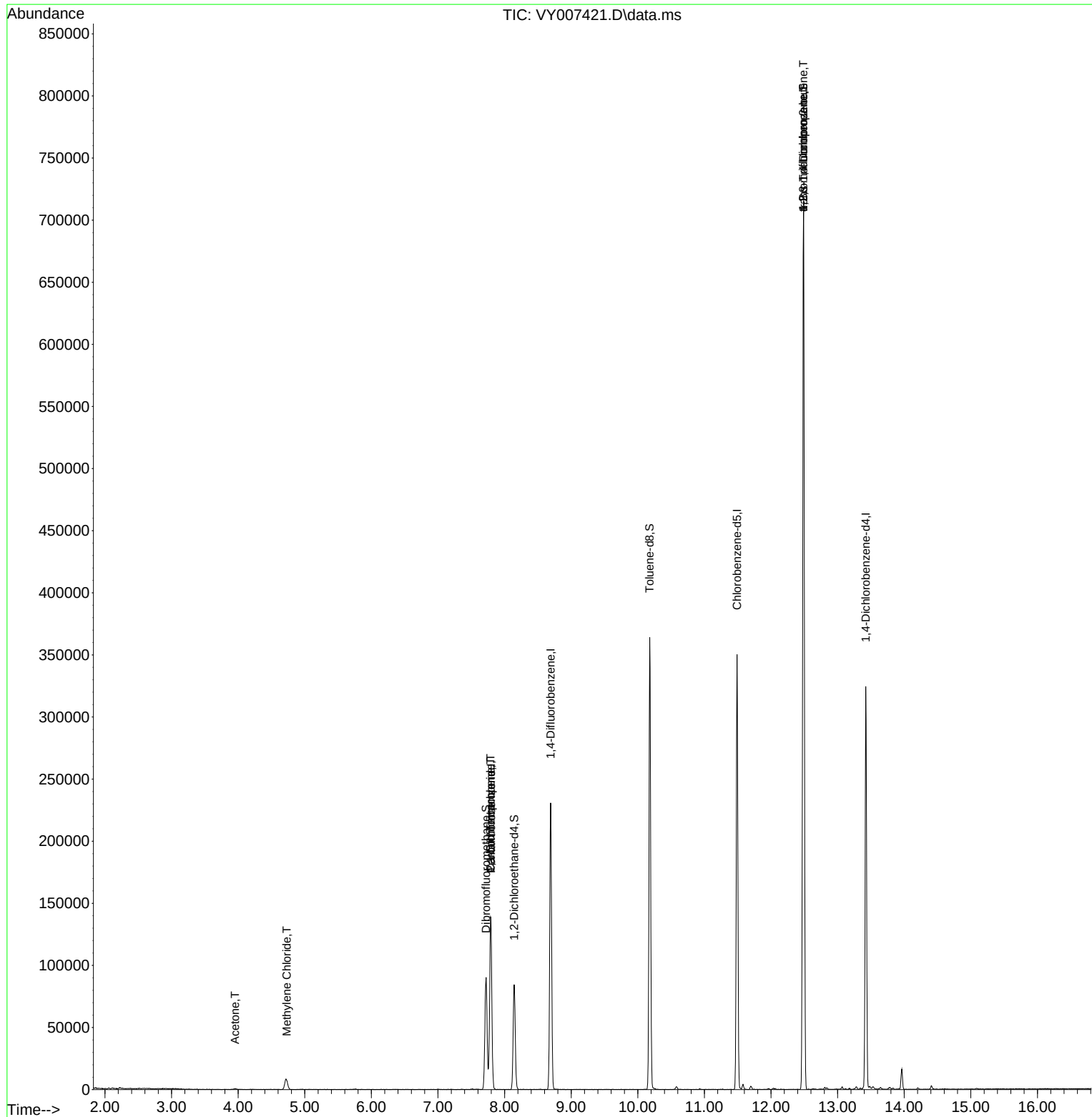
Internal Standards						
1) Pentafluorobenzene	7.795	168	102539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	192976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	183334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	76505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	65511	55.544	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.080%	
35) Dibromofluoromethane	7.722	113	63706	51.410	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.820%	
50) Toluene-d8	10.179	98	238578	52.113	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.220%	
62) 4-Bromofluorobenzene	12.483	95	85981	55.256	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.520%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	319	Below Cal	#	44
11) Tert butyl alcohol	4.954	59	183	Below Cal	#	77
16) Acetone	3.954	43	1332	3.477	ug/l #	88
20) Methylene Chloride	4.729	84	6220	2.846	ug/l #	73
36) 1,1-Dichloropropene	7.789	75	8819	4.071	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11050	4.855	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	51272	56.374	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51272	112.940	ug/l #	9

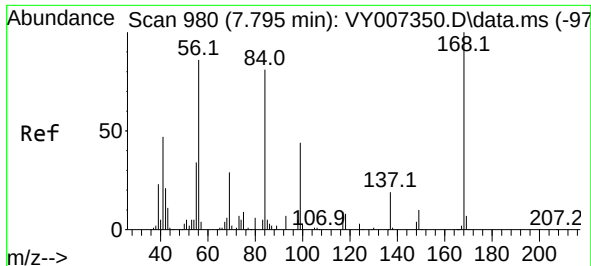
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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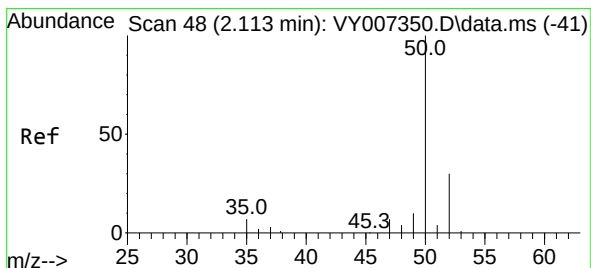
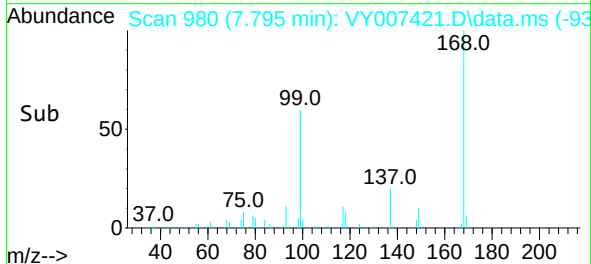
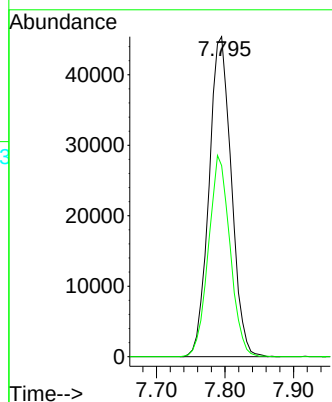
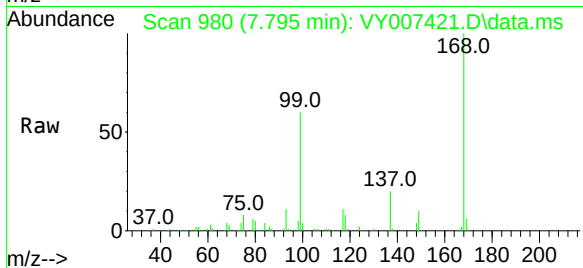




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007421.D
Acq: 07 Feb 2022 18:27

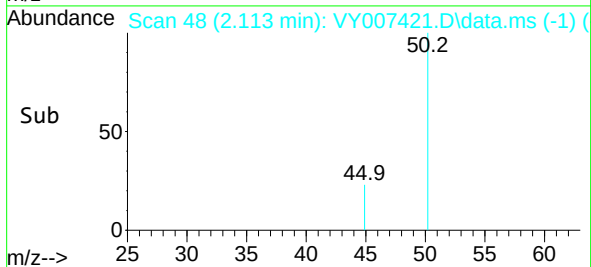
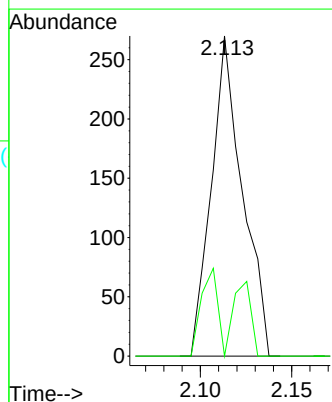
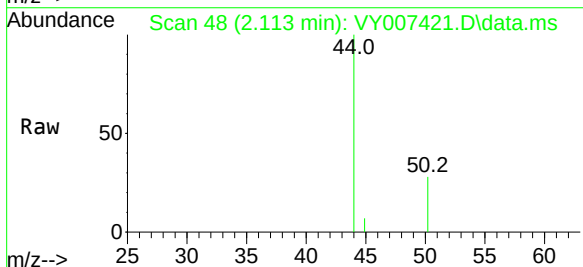
Instrument :
MSVOA_Y
ClientSampleId :
SB-6

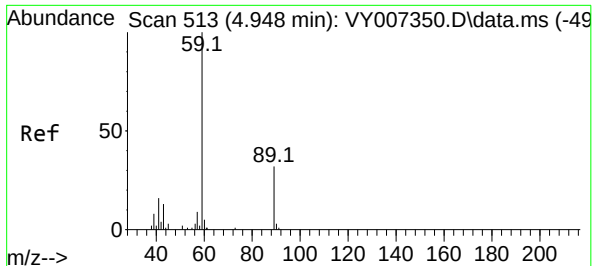
Tgt Ion:168 Resp: 102539
Ion Ratio Lower Upper
168 100
99 59.7 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007421.D
Acq: 07 Feb 2022 18:27

Tgt Ion: 50 Resp: 319
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.954 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY007421.D

Acq: 07 Feb 2022 18:27

Instrument :

MSVOA_Y

ClientSampleId :

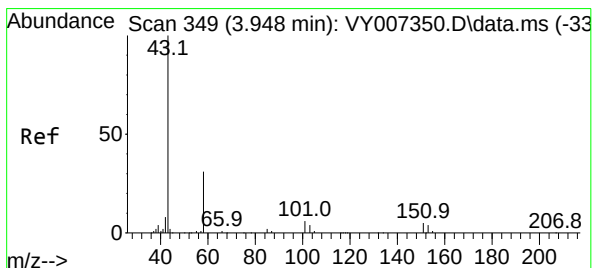
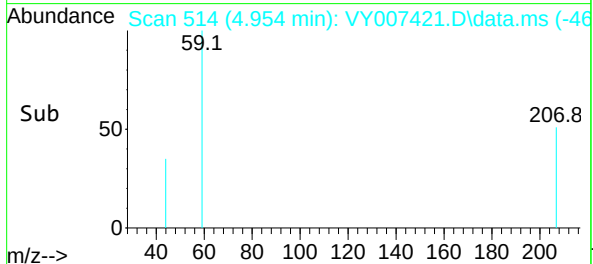
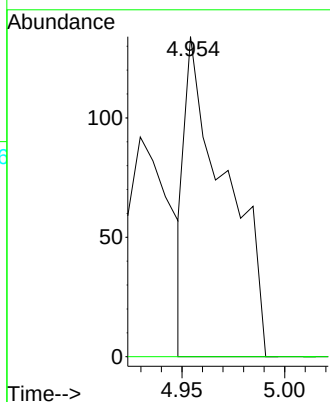
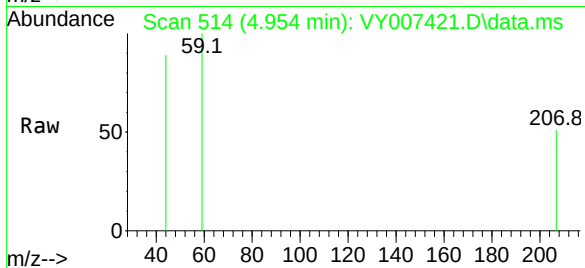
SB-6

Tgt Ion: 59 Resp: 183

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 3.477 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY007421.D

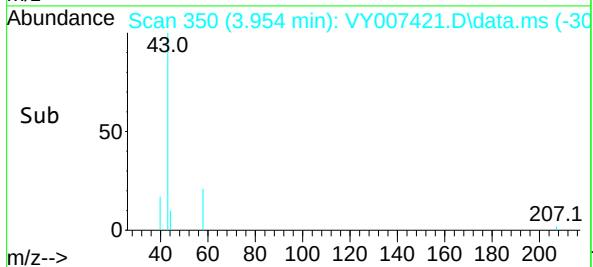
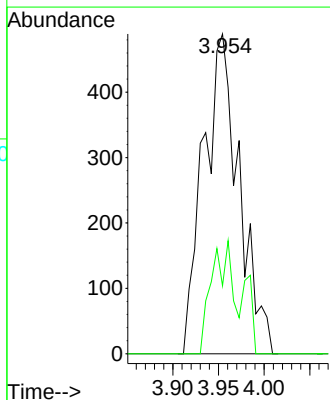
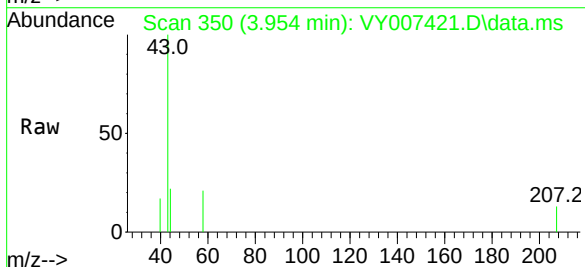
Acq: 07 Feb 2022 18:27

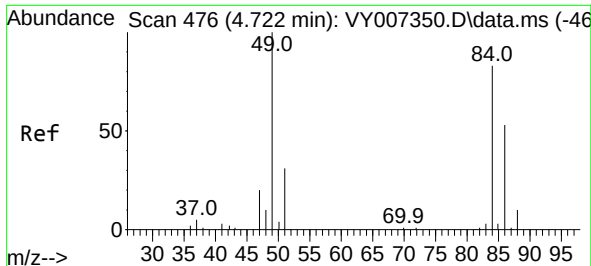
Tgt Ion: 43 Resp: 1332

Ion Ratio Lower Upper

43 100

58 21.3 22.0 33.0#



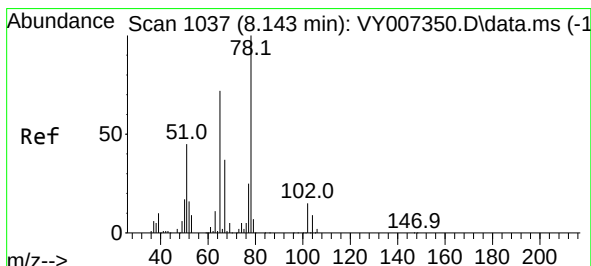
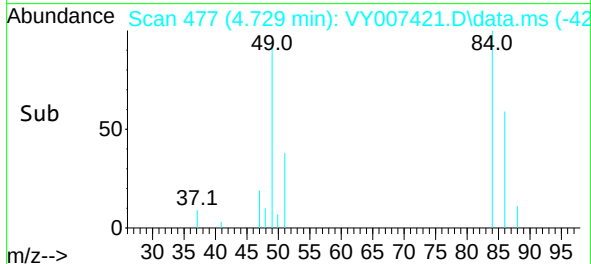
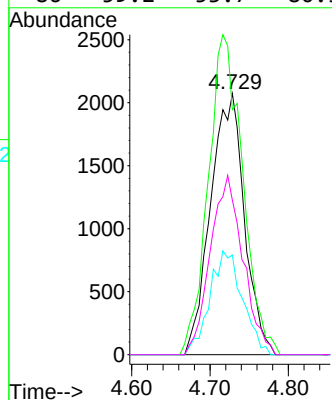
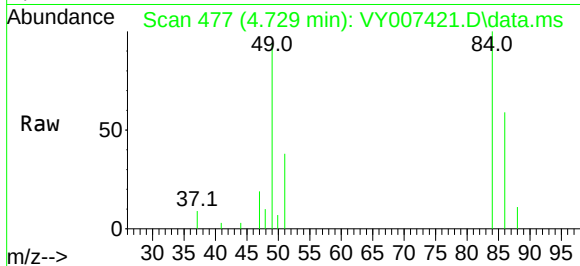


#20
Methylene Chloride
Concen: 2.846 ug/l
RT: 4.729 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY007421.D
Acq: 07 Feb 2022 18:27

Instrument :
MSVOA_Y
ClientSampleId :
SB-6

Tgt Ion: 84 Resp: 6220

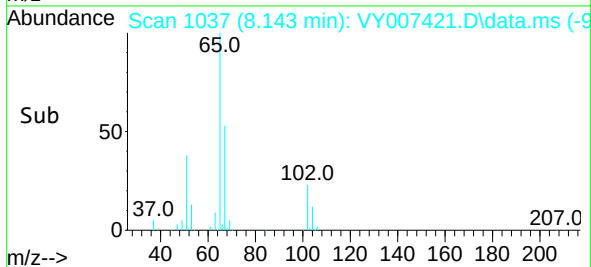
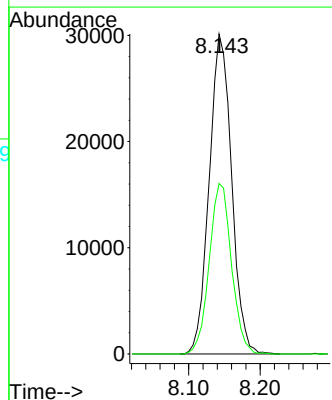
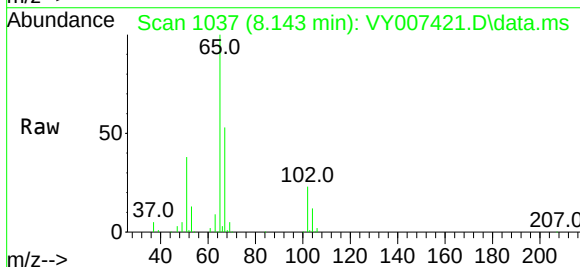
Ion	Ratio	Lower	Upper
84	100		
49	93.8	114.4	171.6#
51	38.2	35.3	52.9
86	59.2	53.7	80.5

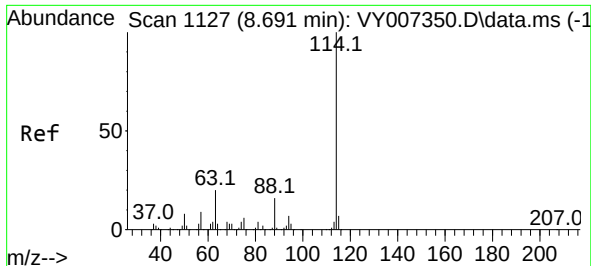


#33
1,2-Dichloroethane-d4
Concen: 55.544 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007421.D
Acq: 07 Feb 2022 18:27

Tgt Ion: 65 Resp: 65511

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007421.D

Acq: 07 Feb 2022 18:27

Instrument :

MSVOA_Y

ClientSampleId :

SB-6

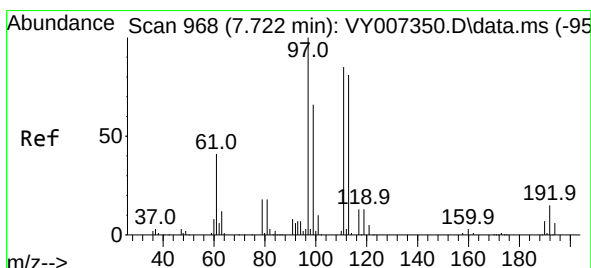
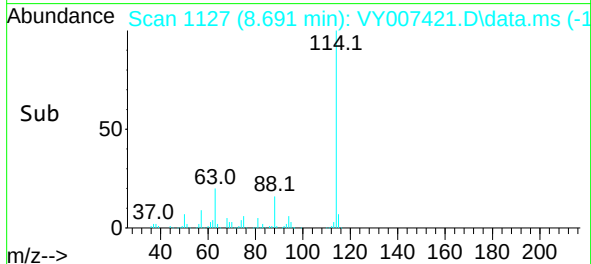
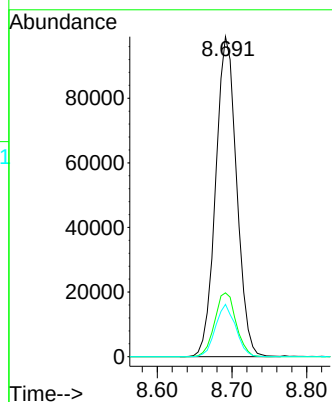
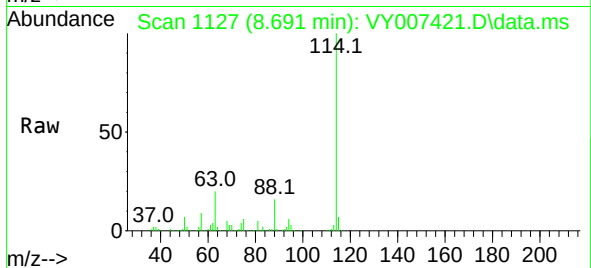
Tgt Ion:114 Resp: 192976

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 16.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.410 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY007421.D

Acq: 07 Feb 2022 18:27

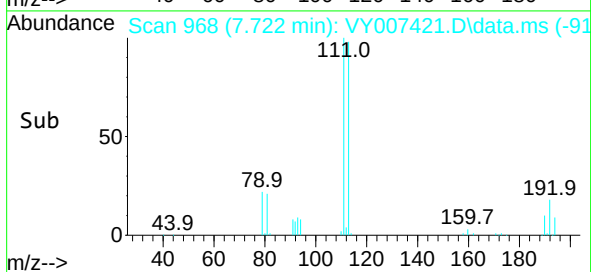
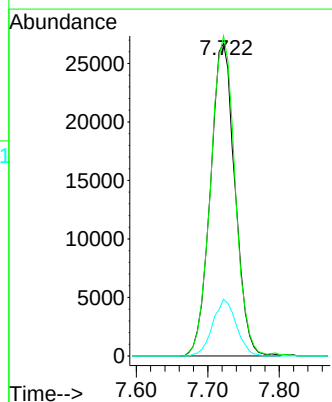
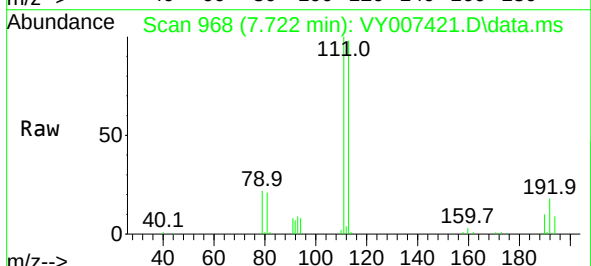
Tgt Ion:113 Resp: 63706

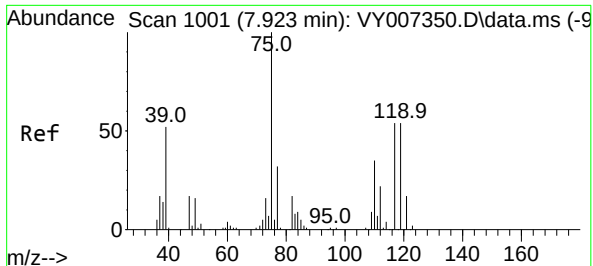
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 17.5 17.6 26.4#





#36

1,1-Dichloropropene

Concen: 4.071 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY007421.D

Acq: 07 Feb 2022 18:27

Instrument :

MSVOA_Y

ClientSampleId :

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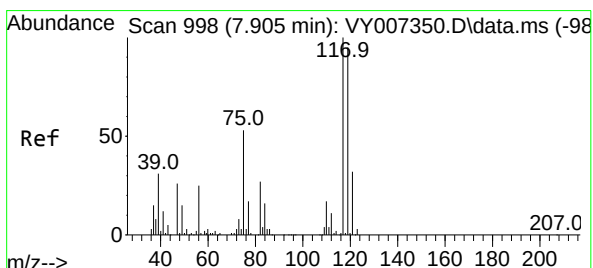
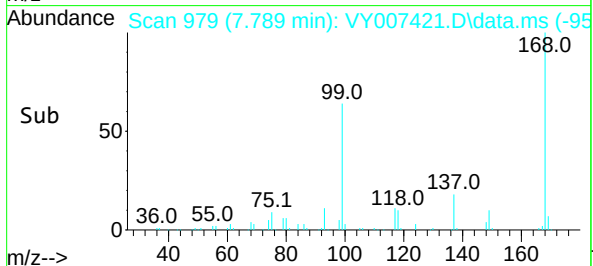
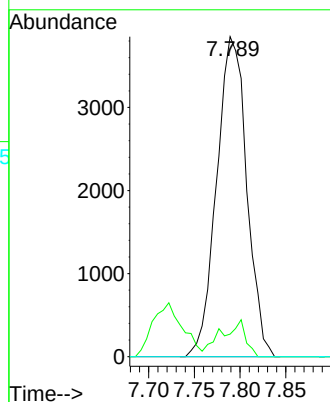
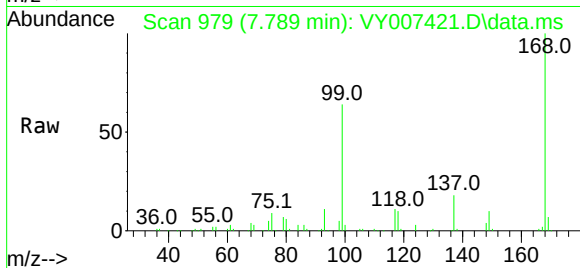
Tgt Ion: 75 Resp: 8819

Ion Ratio Lower Upper

75 100

110 9.2 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.855 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY007421.D

Acq: 07 Feb 2022 18:27

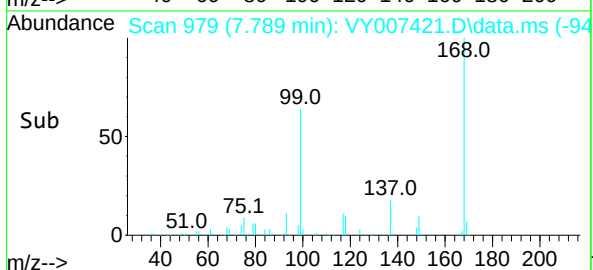
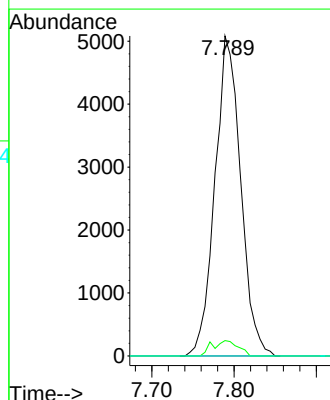
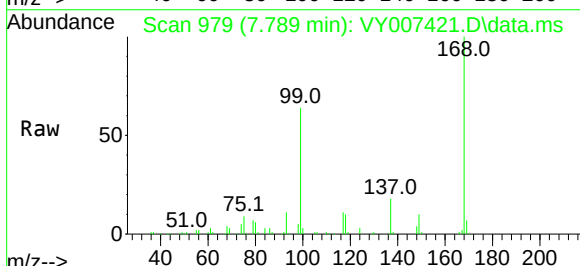
Tgt Ion: 117 Resp: 11050

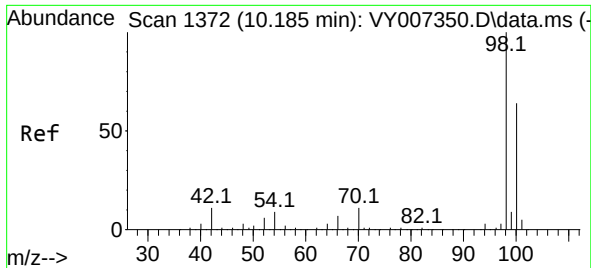
Ion Ratio Lower Upper

117 100

119 4.8 77.9 116.9#

121 0.0 24.8 37.2#

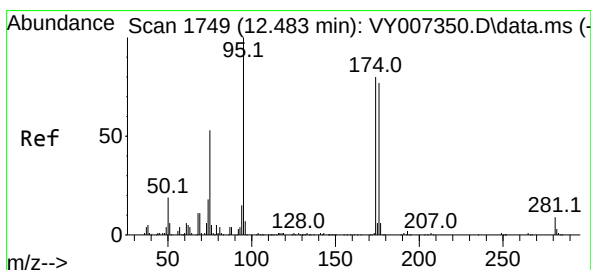
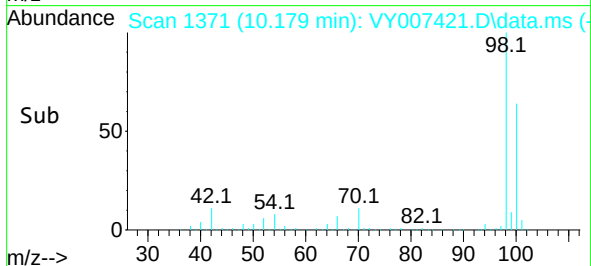
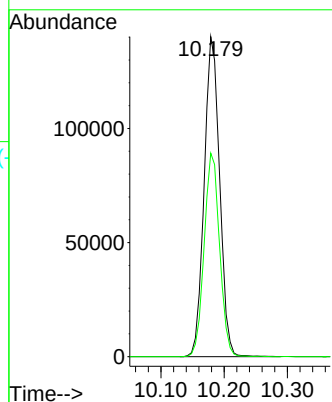
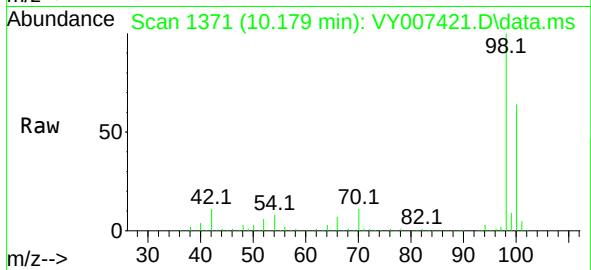




#50
Toluene-d8
Concen: 52.113 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007421.D
Acq: 07 Feb 2022 18:27

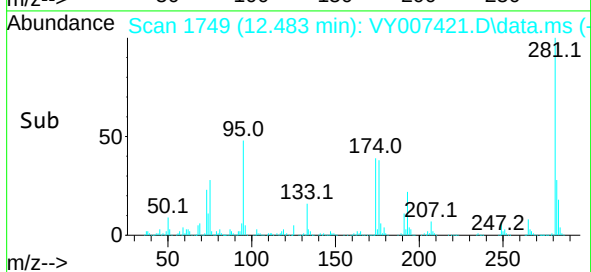
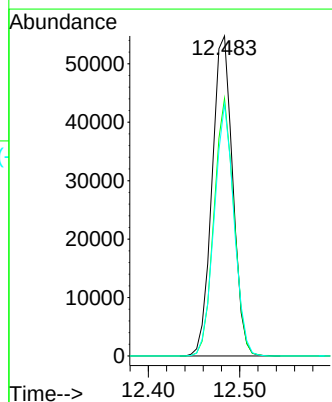
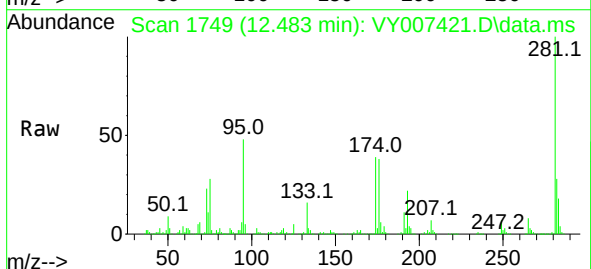
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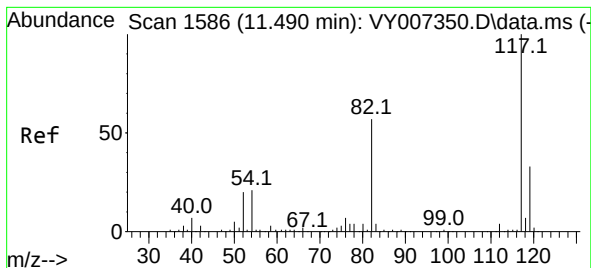
Tgt Ion: 98 Resp: 238578
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 55.256 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007421.D
Acq: 07 Feb 2022 18:27

Tgt Ion: 95 Resp: 85981
Ion Ratio Lower Upper
95 100
174 77.3 0.0 177.0
176 75.6 0.0 175.8

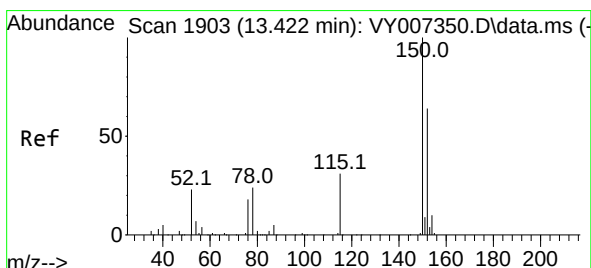
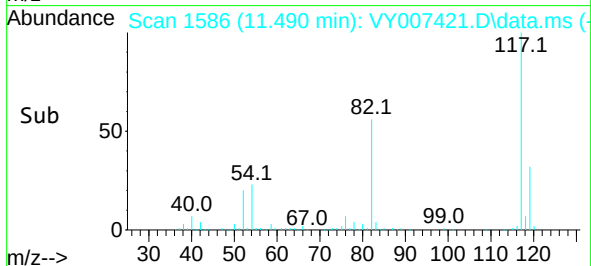
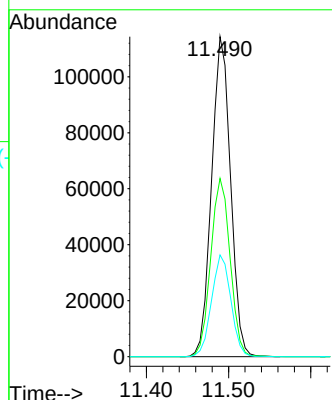
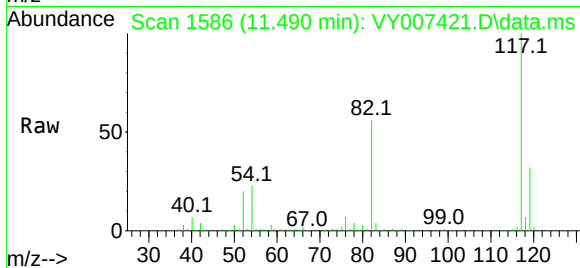




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007421.D
Acq: 07 Feb 2022 18:27

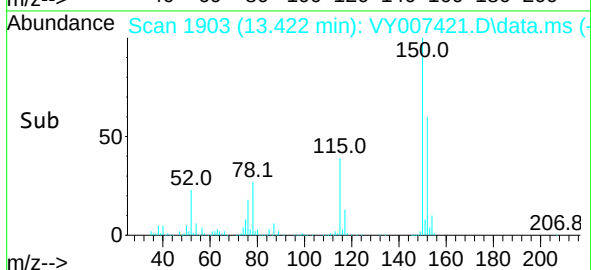
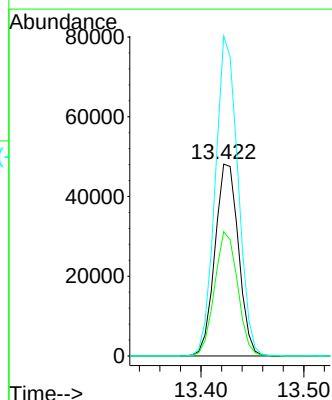
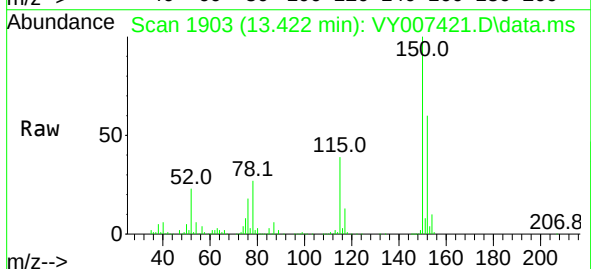
Instrument :
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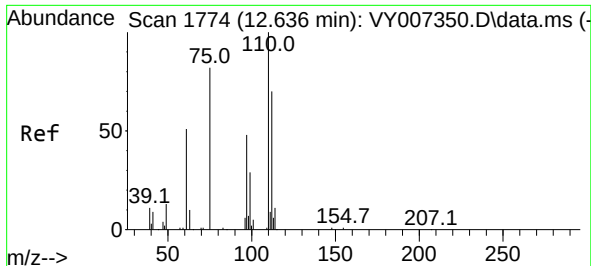
Tgt Ion:117 Resp: 183334
Ion Ratio Lower Upper
117 100
82 55.7 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007421.D
Acq: 07 Feb 2022 18:27

Tgt Ion:152 Resp: 76505
Ion Ratio Lower Upper
152 100
115 63.2 28.2 84.7
150 160.8 0.0 347.6

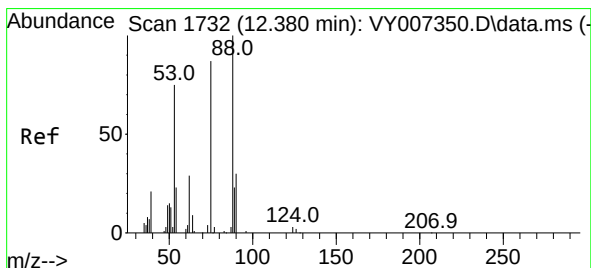
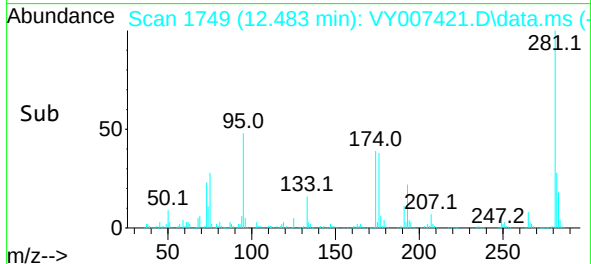
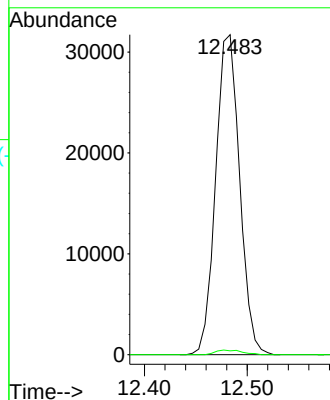
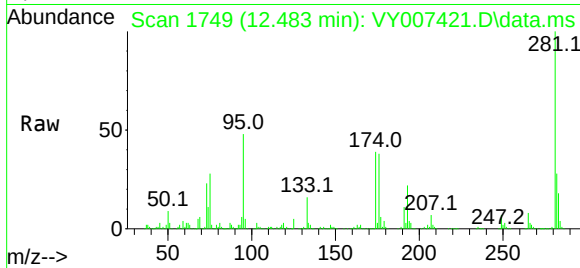




#76
1,2,3-Trichloropropane
Concen: 56.374 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007421.D
Acq: 07 Feb 2022 18:27

Instrument :
MSVOA_Y
ClientSampleId :
SB-6

Tgt Ion: 75 Resp: 51272
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.940 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007421.D
Acq: 07 Feb 2022 18:27

Tgt Ion: 75 Resp: 51272
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 3.3 37.0 55.4#

