

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020722\
 Data File : VY007419.D
 Acq On : 07 Feb 2022 17:39
 Operator : SY/MD
 Sample : N1421-04
 Misc : 5.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4

Quant Time: Feb 08 00:40:53 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)

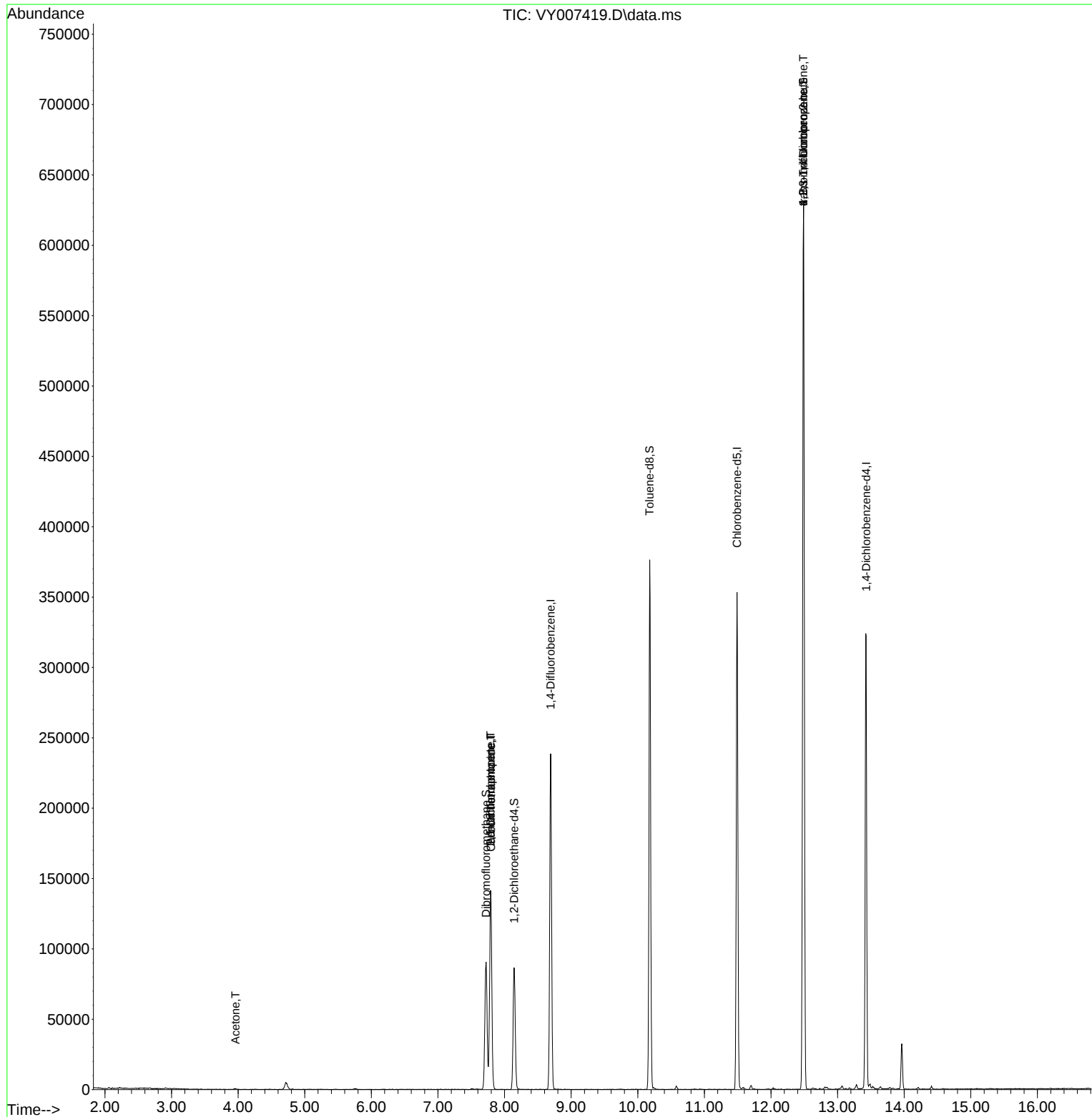
Internal Standards						
1) Pentafluorobenzene	7.789	168	104336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	199779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	188366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79859	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67459	56.210	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.420%	
35) Dibromofluoromethane	7.722	113	65172	50.802	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.600%	
50) Toluene-d8	10.179	98	241833	51.025	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.040%	
62) 4-Bromofluorobenzene	12.483	95	87574	54.363	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.720%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	384	Below Cal	#	78
11) Tert butyl alcohol	4.973	59	33	Below Cal	#	77
16) Acetone	3.960	43	912	2.340	ug/l #	79
36) 1,1-Dichloropropene	7.789	75	8828	3.936	ug/l #	50
38) Carbon Tetrachloride	7.795	117	11723	4.975	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	51668	54.423	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51668	109.032	ug/l #	9

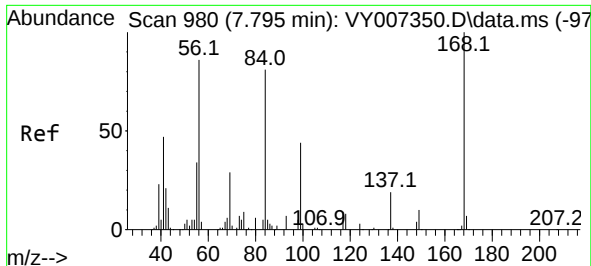
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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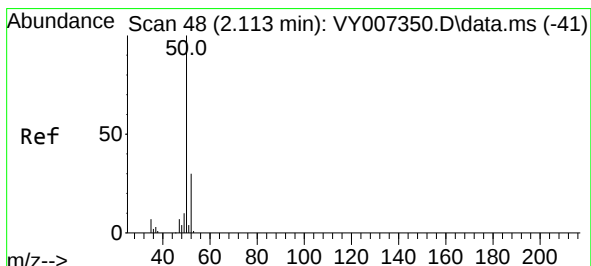
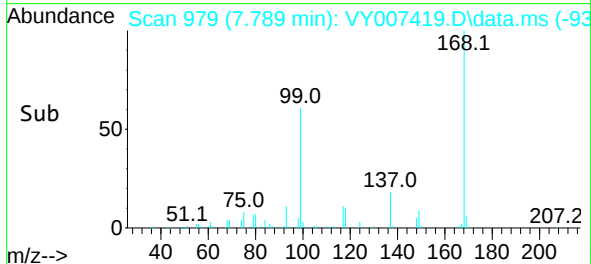
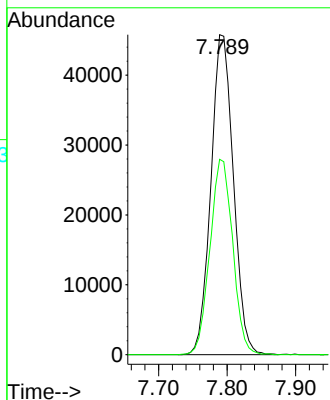
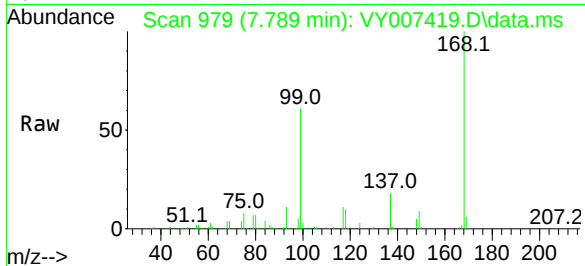




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007419.D
Acq: 07 Feb 2022 17:39

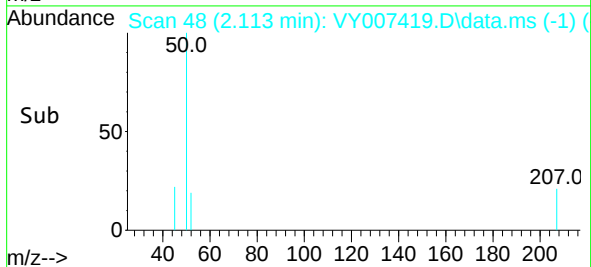
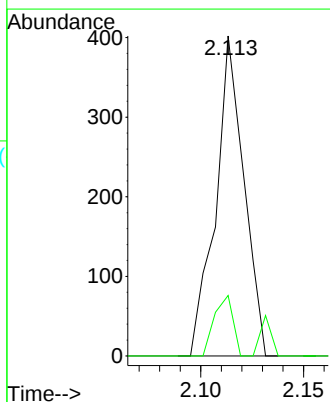
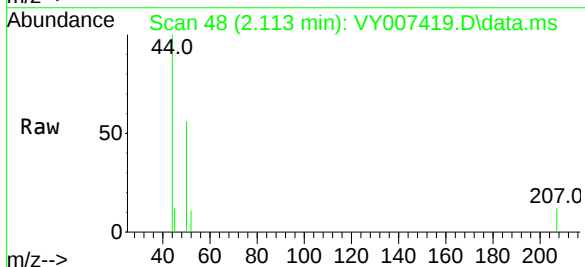
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

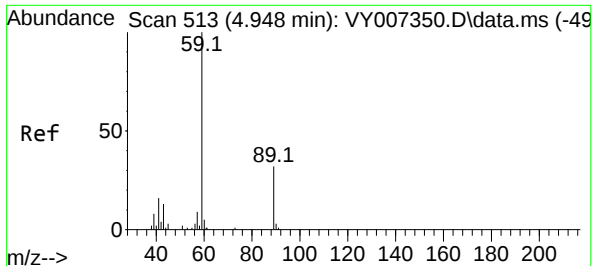
Tgt Ion:168 Resp: 104336
Ion Ratio Lower Upper
168 100
99 61.1 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007419.D
Acq: 07 Feb 2022 17:39

Tgt Ion: 50 Resp: 384
Ion Ratio Lower Upper
50 100
52 18.9 24.6 37.0#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.973 min Scan# 51

Delta R.T. 0.024 min

Lab File: VY007419.D

Acq: 07 Feb 2022 17:39

Instrument :

MSVOA_Y

ClientSampleId :

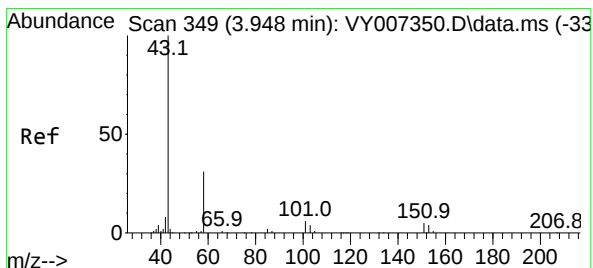
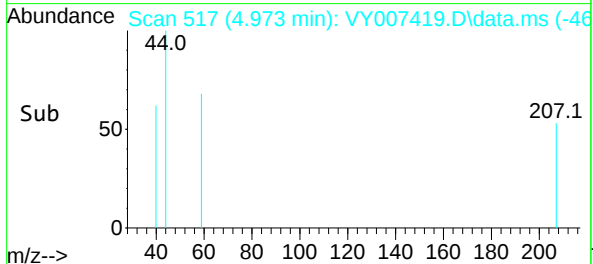
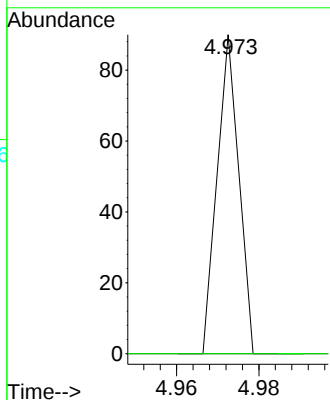
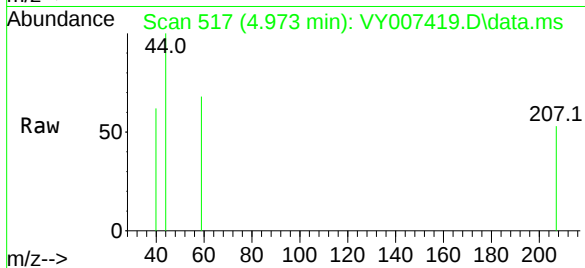
SB-4

Tgt Ion: 59 Resp: 33

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 2.340 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.012 min

Lab File: VY007419.D

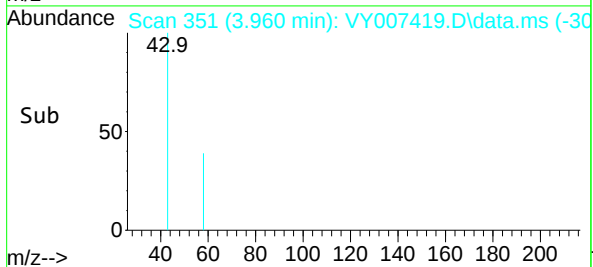
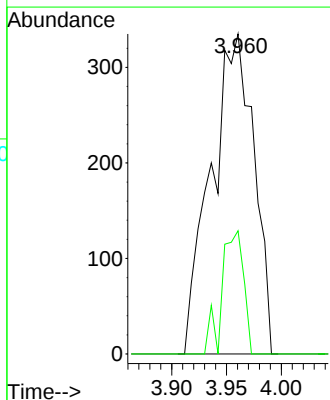
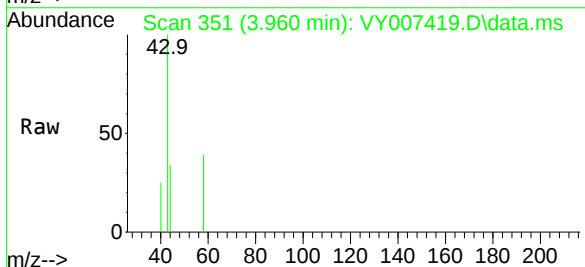
Acq: 07 Feb 2022 17:39

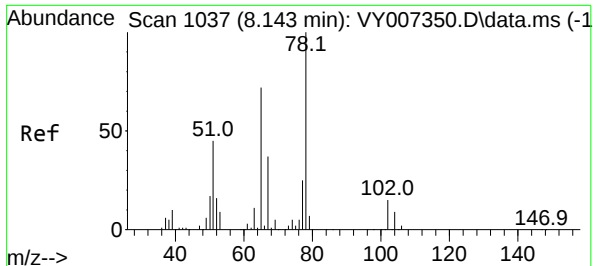
Tgt Ion: 43 Resp: 912

Ion Ratio Lower Upper

43 100

58 38.5 22.0 33.0#

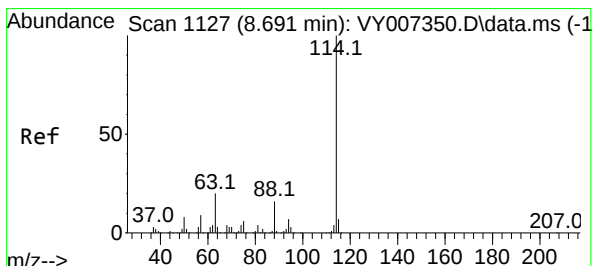
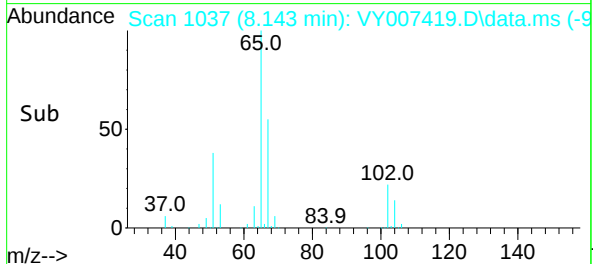
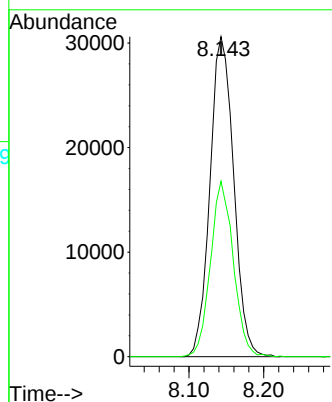
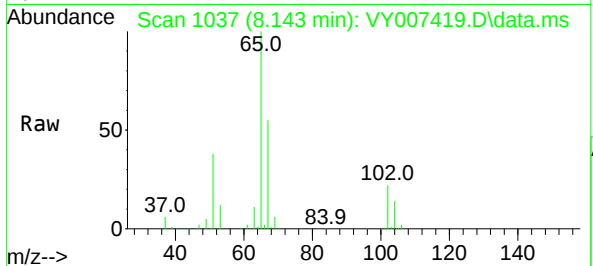




#33
1,2-Dichloroethane-d4
Concen: 56.210 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007419.D
Acq: 07 Feb 2022 17:39

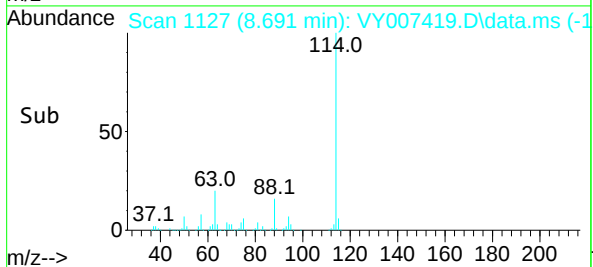
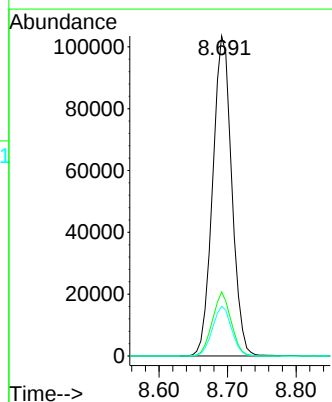
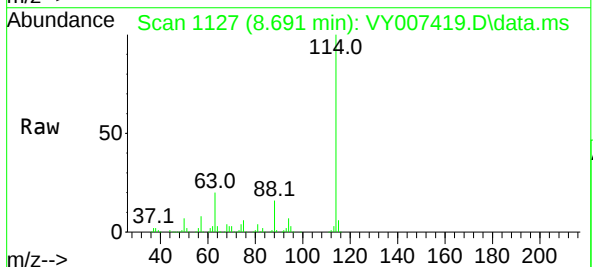
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

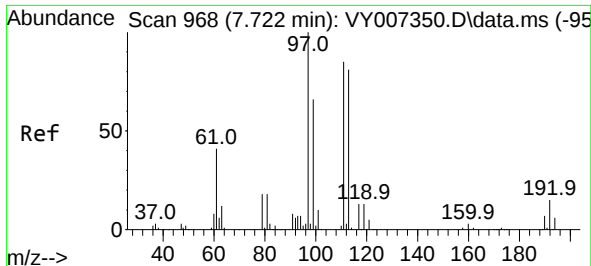
Tgt Ion: 65 Resp: 67459
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007419.D
Acq: 07 Feb 2022 17:39

Tgt Ion: 114 Resp: 199779
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.2
88 15.5 0.0 31.8

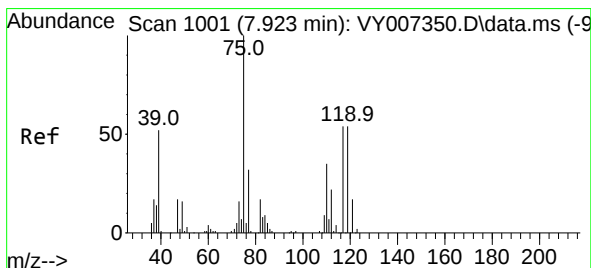
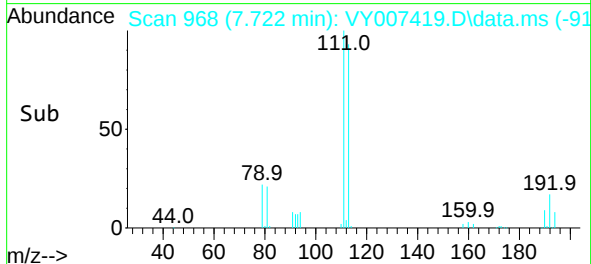
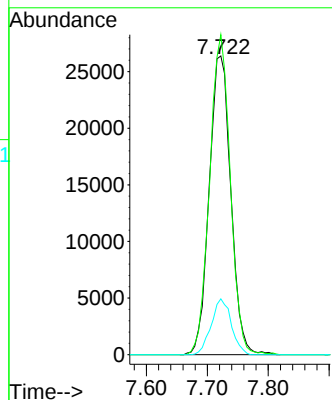
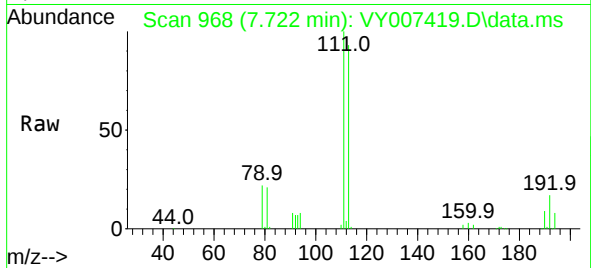




#35
Dibromofluoromethane
Concen: 50.802 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY007419.D
Acq: 07 Feb 2022 17:39

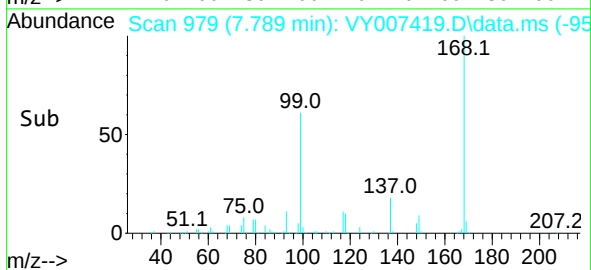
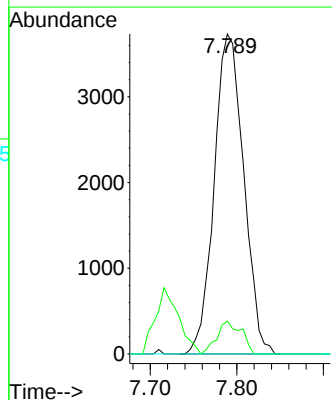
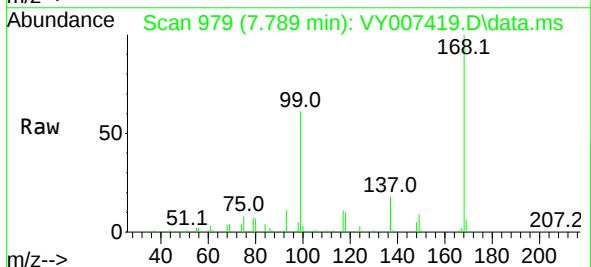
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

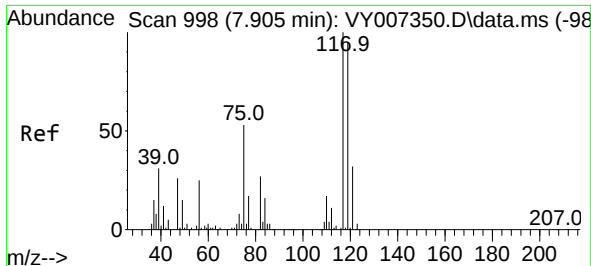
Tgt Ion:113 Resp: 65172
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 17.3 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 3.936 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY007419.D
Acq: 07 Feb 2022 17:39

Tgt Ion: 75 Resp: 8828
Ion Ratio Lower Upper
75 100
110 8.5 17.1 51.2#
77 0.0 24.4 36.6#

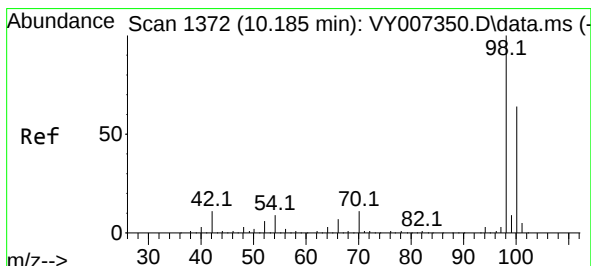
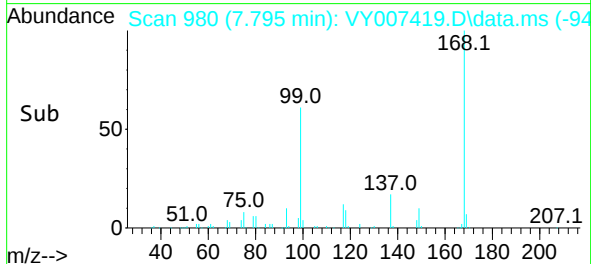
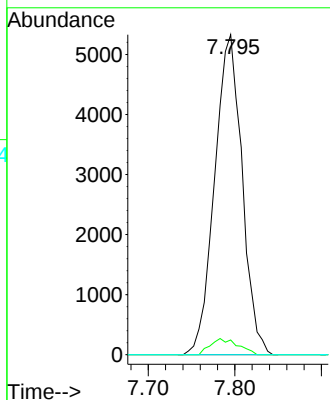
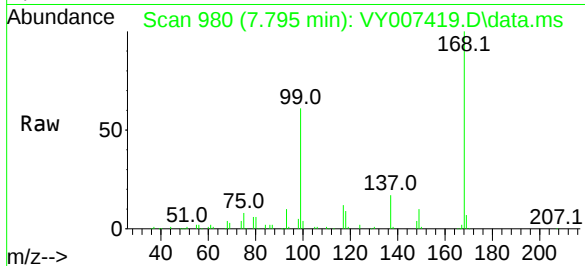




#38
Carbon Tetrachloride
Concen: 4.975 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007419.D
Acq: 07 Feb 2022 17:39

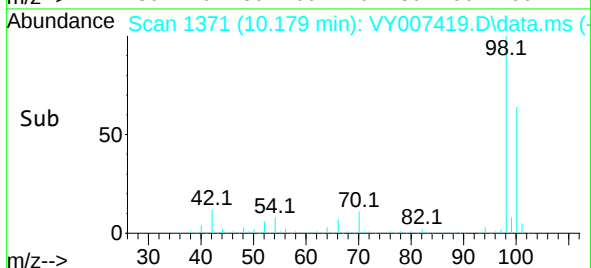
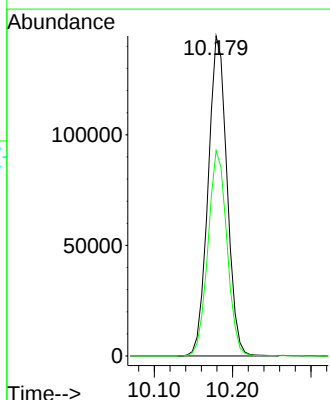
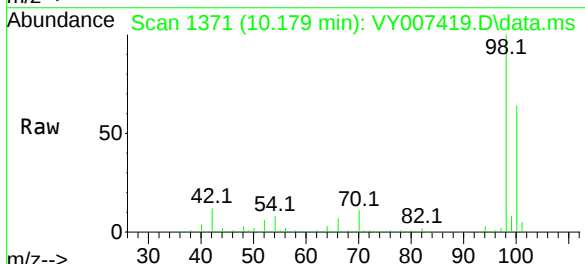
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ClientSampleId :
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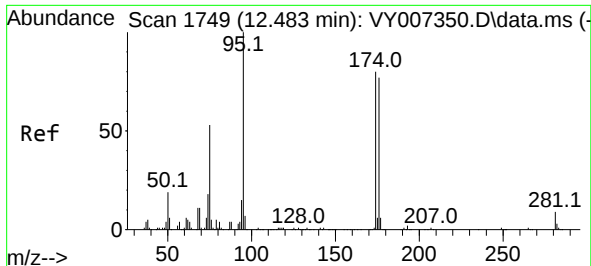
Tgt Ion:117 Resp: 11723
Ion Ratio Lower Upper
117 100
119 4.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.025 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007419.D
Acq: 07 Feb 2022 17:39

Tgt Ion: 98 Resp: 241833
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

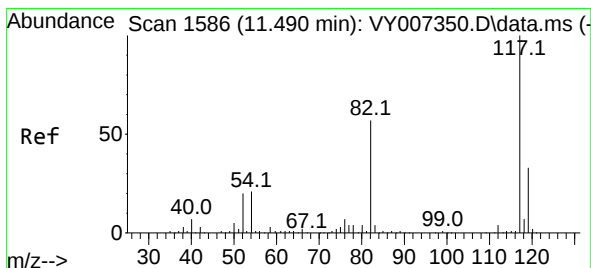
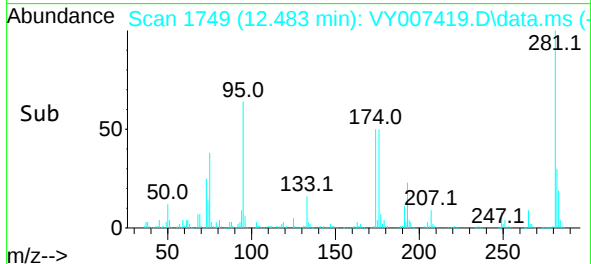
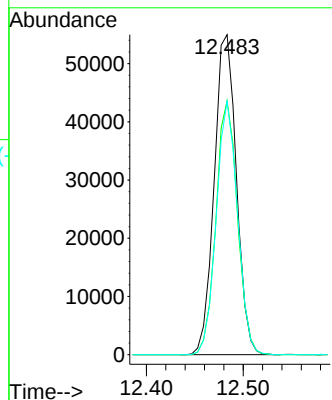
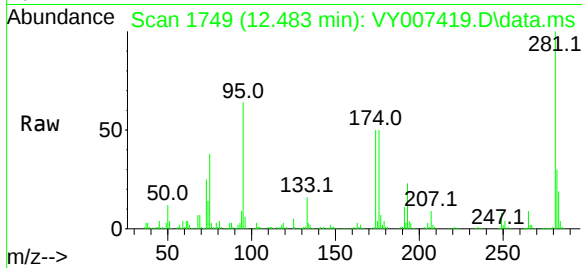




#62
4-Bromofluorobenzene
Concen: 54.363 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007419.D
Acq: 07 Feb 2022 17:39

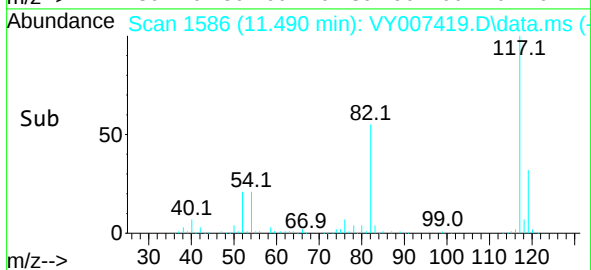
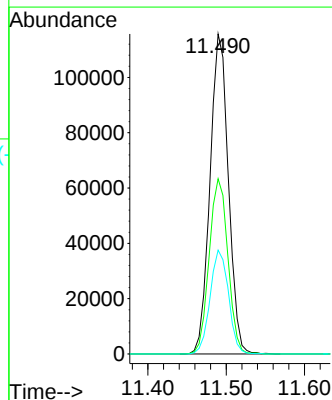
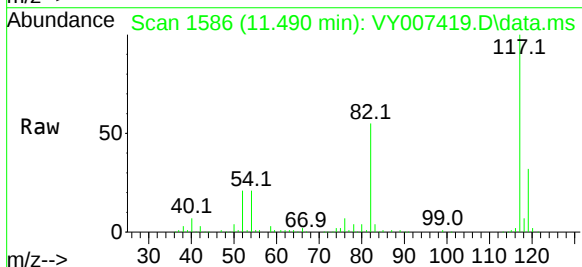
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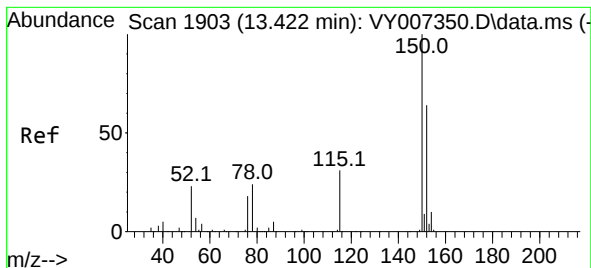
Tgt Ion: 95 Resp: 87574
Ion Ratio Lower Upper
95 100
174 76.8 0.0 177.0
176 75.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007419.D
Acq: 07 Feb 2022 17:39

Tgt Ion: 117 Resp: 188366
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 32.5 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY007419.D

Acq: 07 Feb 2022 17:39

Instrument :

MSVOA_Y

ClientSampleId :

SB-4

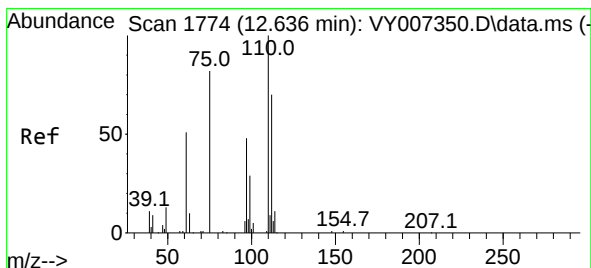
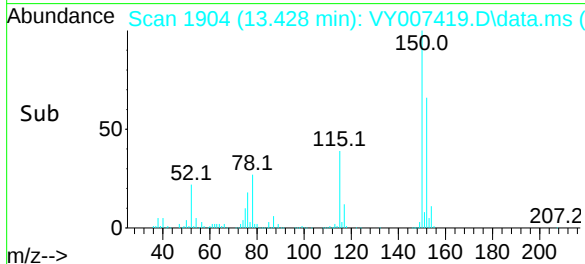
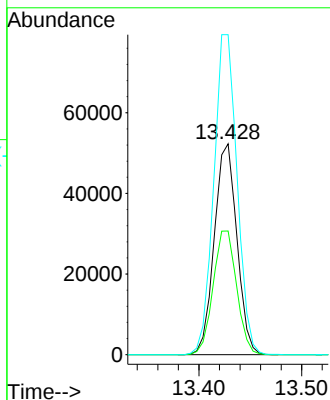
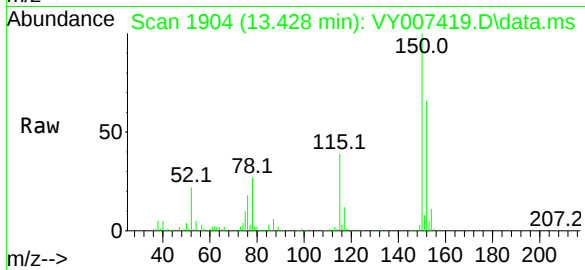
Tgt Ion:152 Resp: 79859

Ion Ratio Lower Upper

152 100

115 61.1 28.2 84.7

150 156.4 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 54.423 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY007419.D

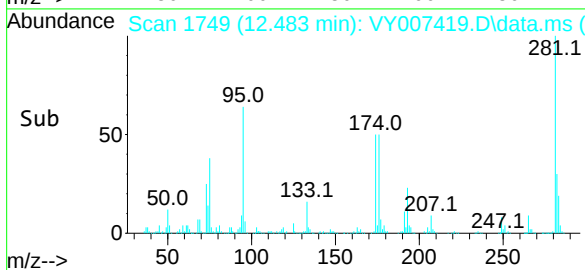
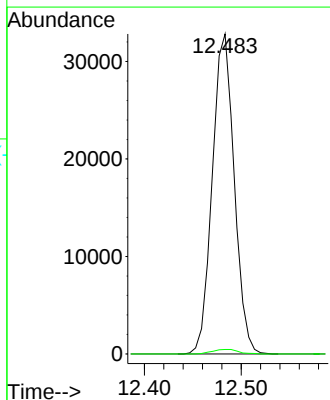
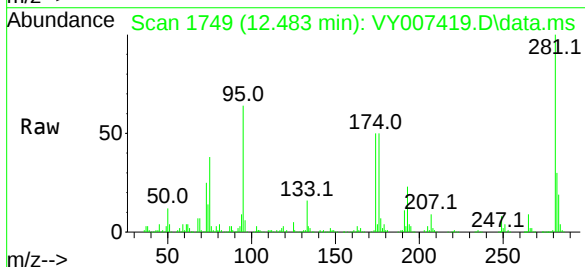
Acq: 07 Feb 2022 17:39

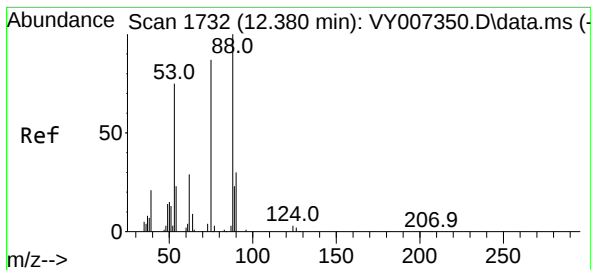
Tgt Ion: 75 Resp: 51668

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.032 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007419.D
 Acq: 07 Feb 2022 17:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4

Tgt Ion: 75 Resp: 51668
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 3.0 37.0 55.4#

