

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020822\
 Data File : VY007433.D
 Acq On : 08 Feb 2022 15:09
 Operator : SY/MD
 Sample : N1432-10
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-4

Quant Time: Feb 09 00:55:45 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

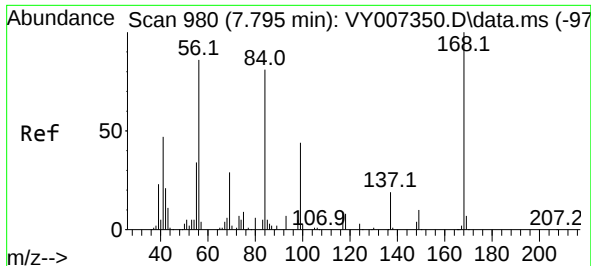
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	99446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	189789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	185671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	80323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	68987	60.310	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.620%	
35) Dibromofluoromethane	7.716	113	63330	51.965	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.940%	
50) Toluene-d8	10.179	98	230210	51.129	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.260%	
62) 4-Bromofluorobenzene	12.483	95	85052	55.577	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.160%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	466	Below Cal		96
16) Acetone	3.948	43	968	2.606 ug/l	#	26
20) Methylene Chloride	4.716	84	1347	Below Cal	#	79
36) 1,1-Dichloropropene	7.789	75	8330	3.910 ug/l	#	52
38) Carbon Tetrachloride	7.789	117	10560	4.718 ug/l	#	17
51) 4-Methyl-2-Pentanone	10.179	43	1026	1.021 ug/l	#	1
76) 1,2,3-Trichloropropane	12.483	75	44644	46.753 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44644	93.666 ug/l	#	7

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

Quant Time: Feb 09 00:55:45 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

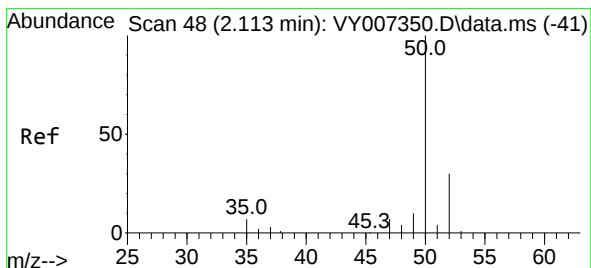
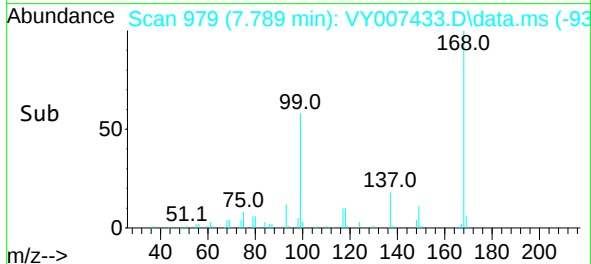
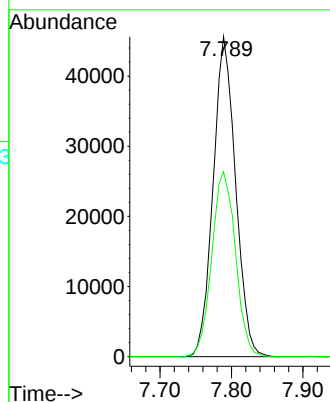
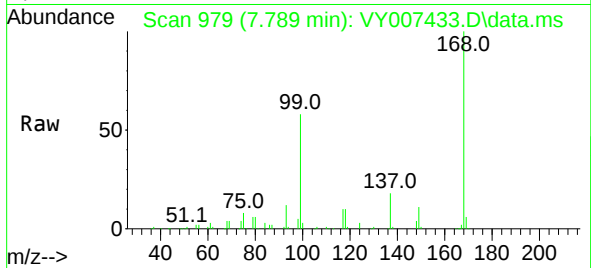




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007433.D
Acq: 08 Feb 2022 15:09

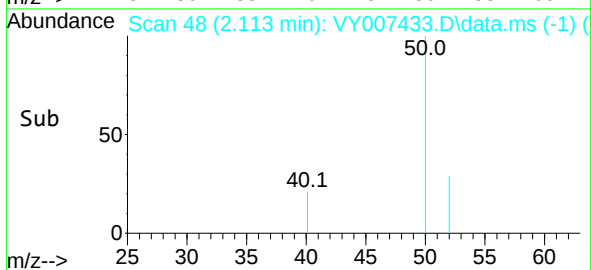
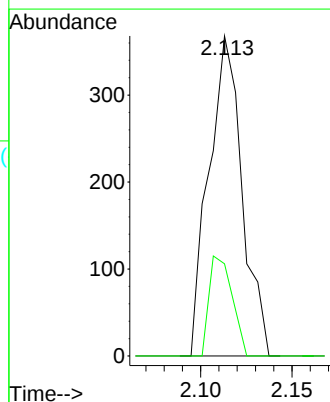
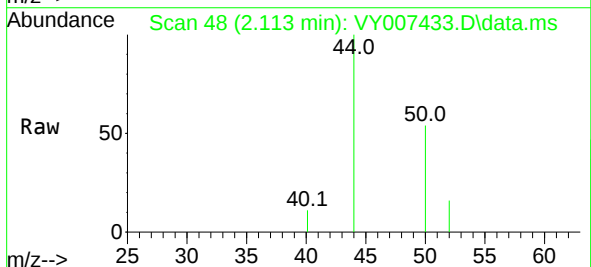
Instrument :
MSVOA_Y
ClientSampleId :
SP-4

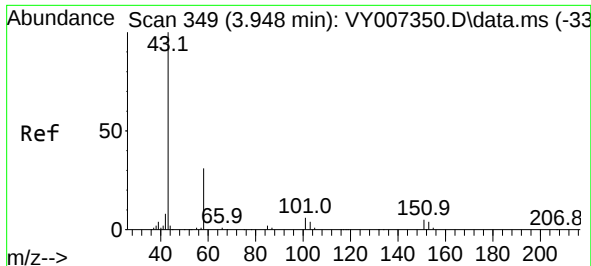
Tgt Ion:168 Resp: 99446
Ion Ratio Lower Upper
168 100
99 57.8 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007433.D
Acq: 08 Feb 2022 15:09

Tgt Ion: 50 Resp: 466
Ion Ratio Lower Upper
50 100
52 28.8 24.6 37.0

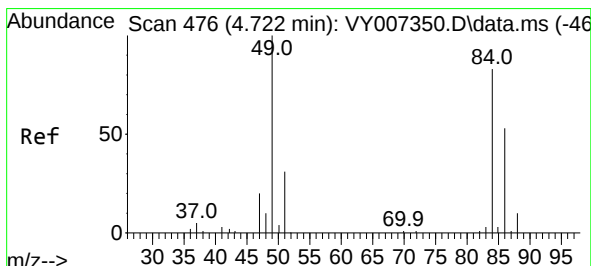
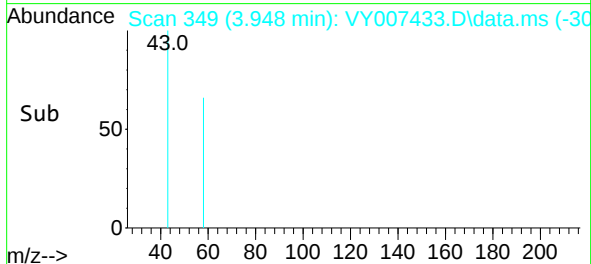
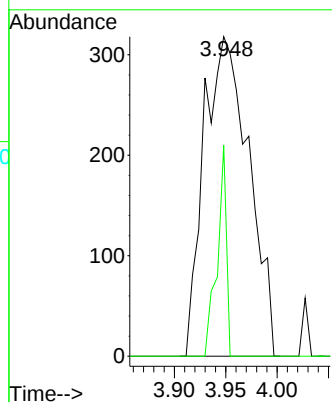
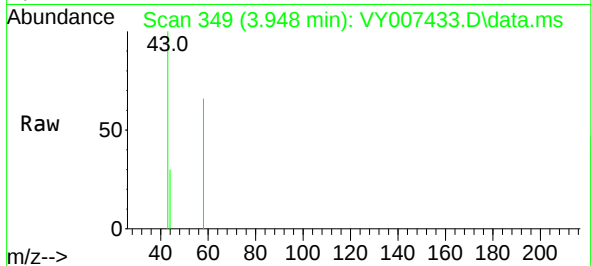




#16
Acetone
Concen: 2.606 ug/l
RT: 3.948 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY007433.D
Acq: 08 Feb 2022 15:09

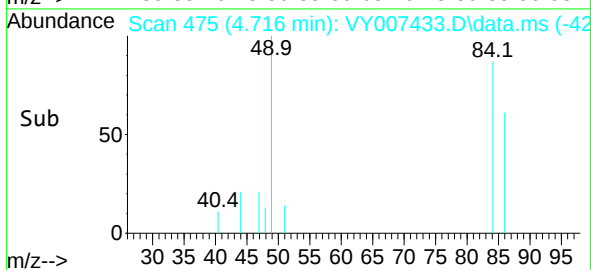
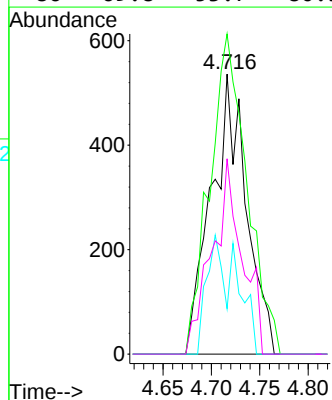
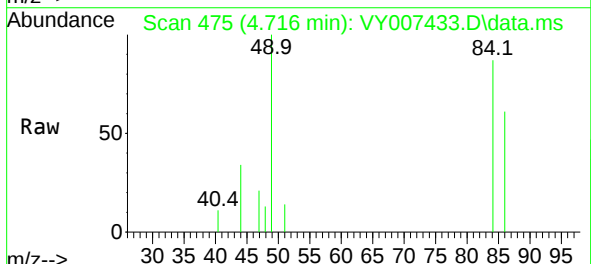
Instrument :
MSVOA_Y
ClientSampleId :
SP-4

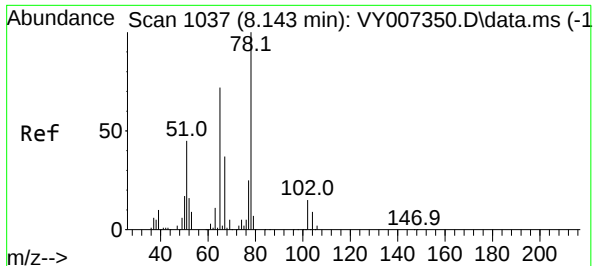
Tgt Ion: 43 Resp: 968
Ion Ratio Lower Upper
43 100
58 66.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY007433.D
Acq: 08 Feb 2022 15:09

Tgt Ion: 84 Resp: 1347
Ion Ratio Lower Upper
84 100
49 114.4 114.4 171.6#
51 16.2 35.3 52.9#
86 69.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 60.310 ug/l

RT: 8.142 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY007433.D

Acq: 08 Feb 2022 15:09

Instrument :

MSVOA_Y

ClientSampleId :

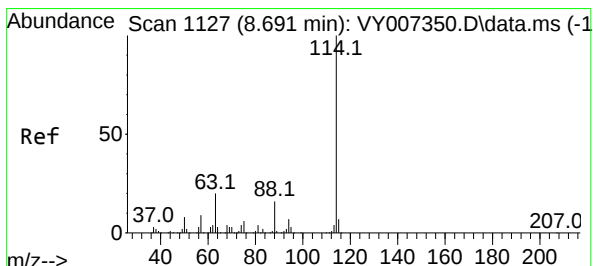
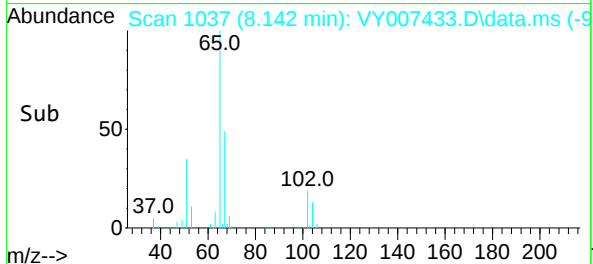
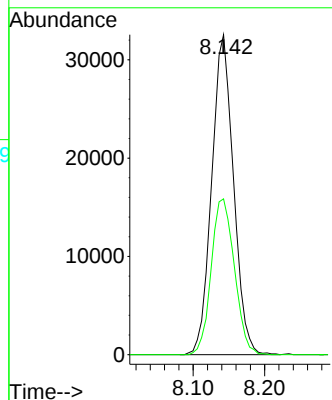
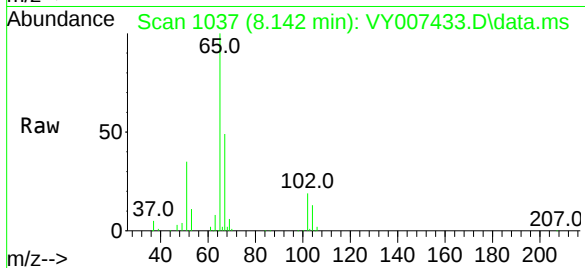
SP-4

Tgt Ion: 65 Resp: 68987

Ion Ratio Lower Upper

65 100

67 51.7 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: VY007433.D

Acq: 08 Feb 2022 15:09

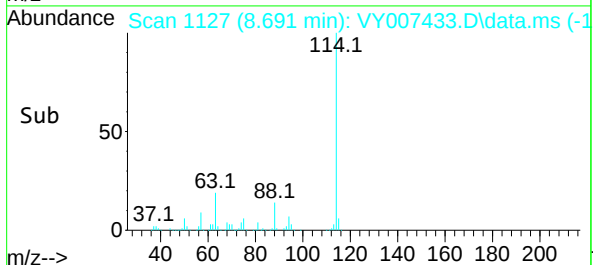
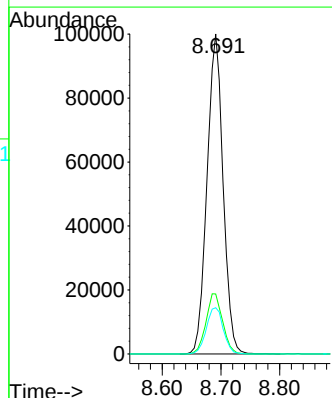
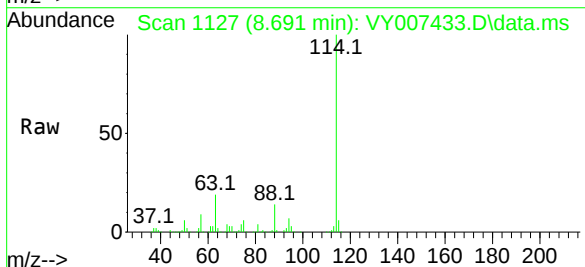
Tgt Ion: 114 Resp: 189789

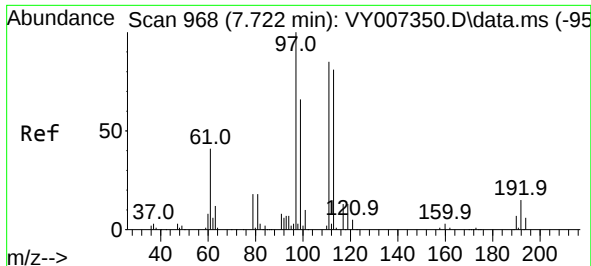
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 14.5 0.0 31.8

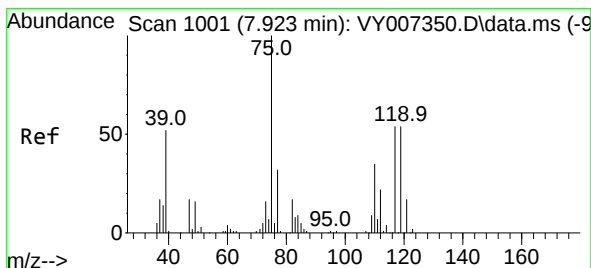
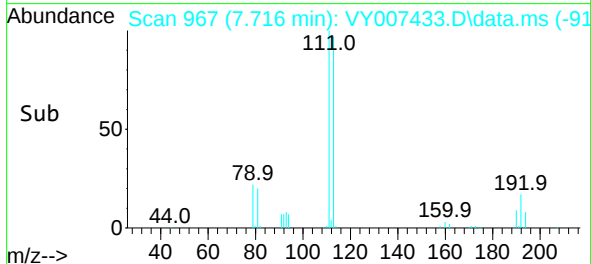
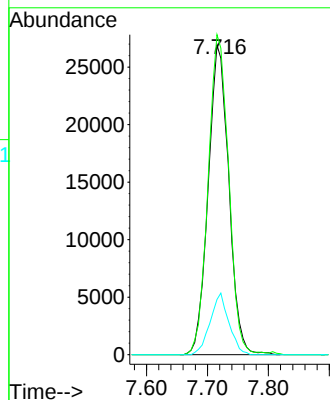
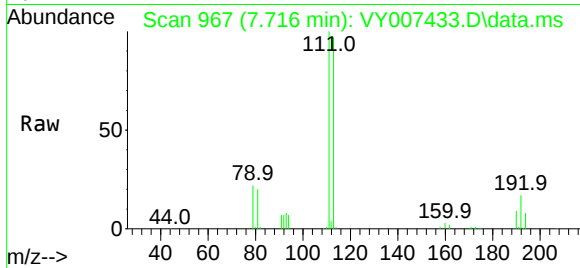




#35
Dibromofluoromethane
Concen: 51.965 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY007433.D
Acq: 08 Feb 2022 15:09

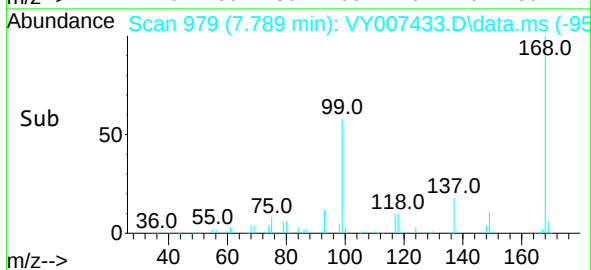
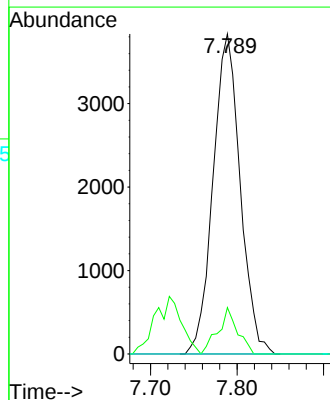
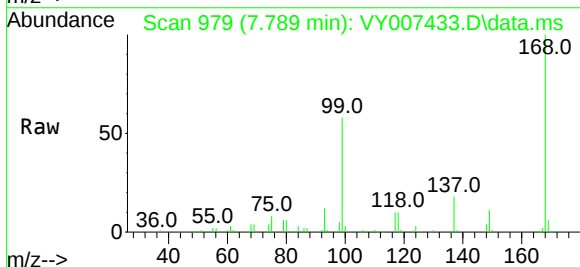
Instrument :
MSVOA_Y
ClientSampleId :
SP-4

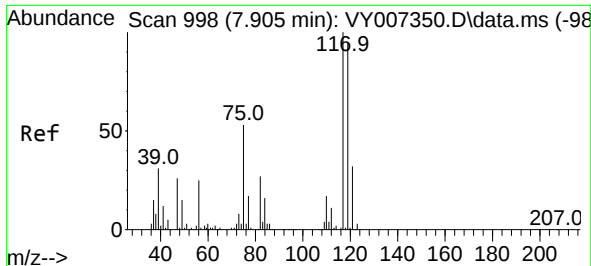
Tgt Ion:113 Resp: 63330
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 18.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 3.910 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY007433.D
Acq: 08 Feb 2022 15:09

Tgt Ion: 75 Resp: 8330
Ion Ratio Lower Upper
75 100
110 10.4 17.1 51.2#
77 0.0 24.4 36.6#

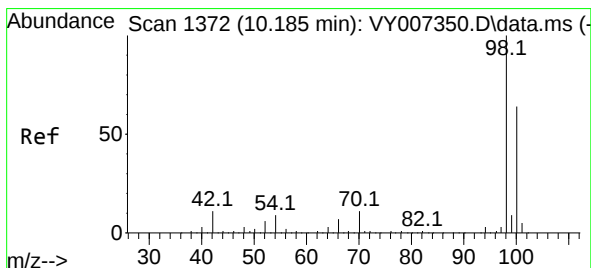
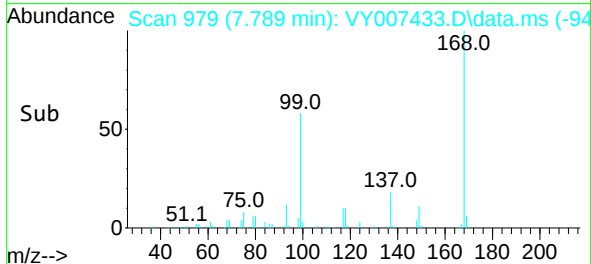
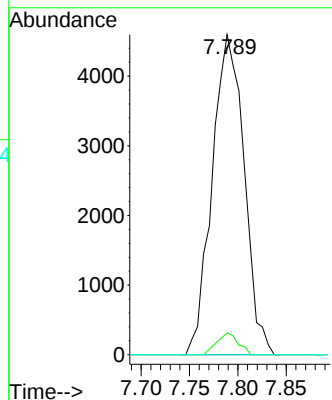
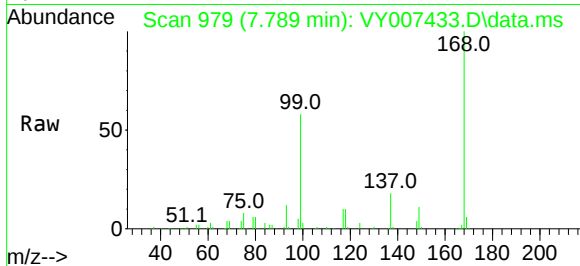




#38
Carbon Tetrachloride
Concen: 4.718 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY007433.D
Acq: 08 Feb 2022 15:09

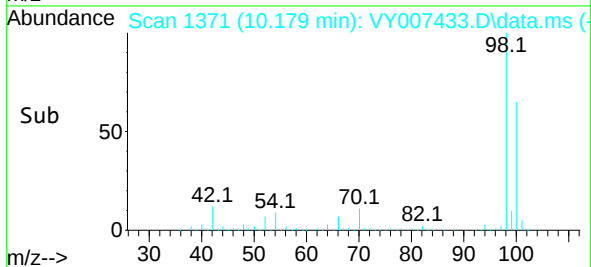
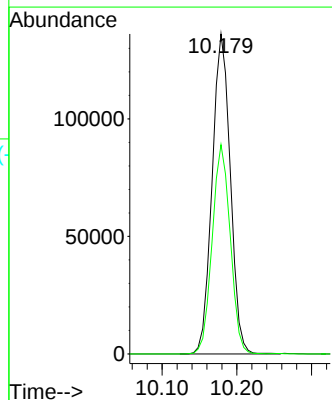
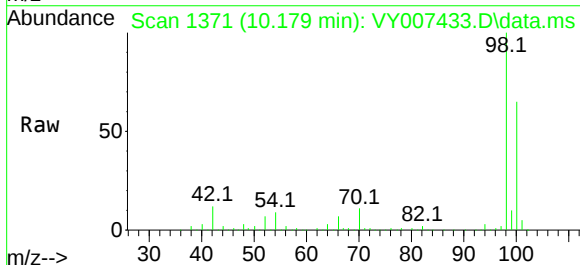
Instrument :
MSVOA_Y
ClientSampleId :
SP-4

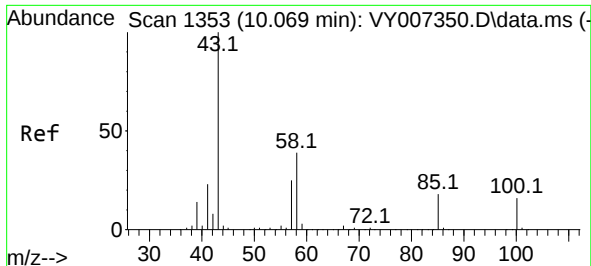
Tgt Ion:117 Resp: 10560
Ion Ratio Lower Upper
117 100
119 6.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.129 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007433.D
Acq: 08 Feb 2022 15:09

Tgt Ion: 98 Resp: 230210
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

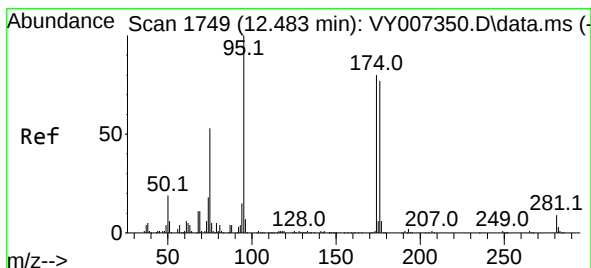
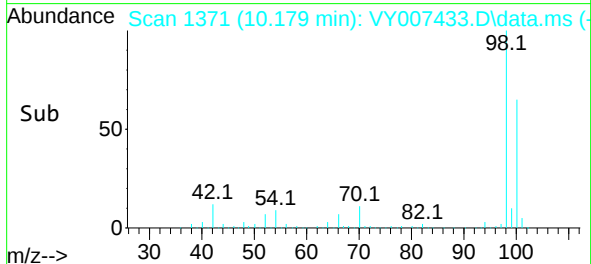
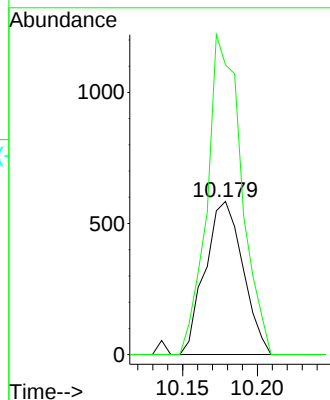
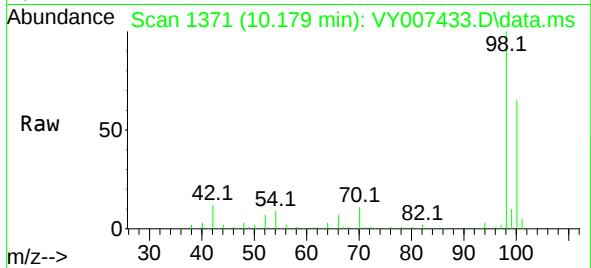




#51
4-Methyl-2-Pentanone
Concen: 1.021 ug/l
RT: 10.179 min Scan# 1353
Delta R.T. 0.110 min
Lab File: VY007433.D
Acq: 08 Feb 2022 15:09

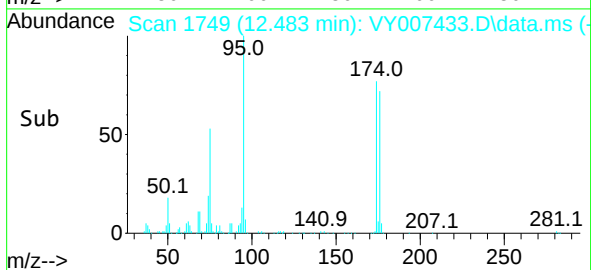
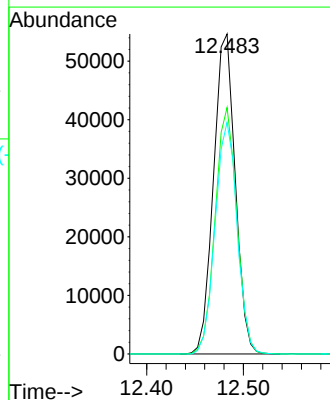
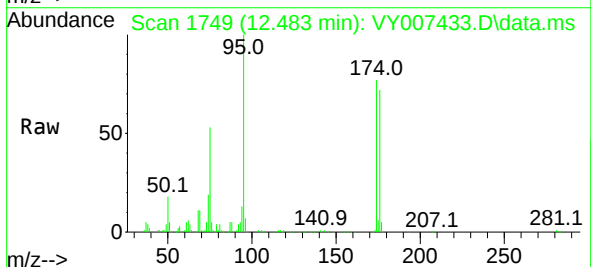
Instrument :
MSVOA_Y
ClientSampleId :
SP-4

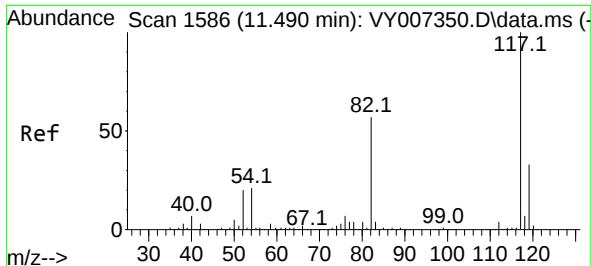
Tgt Ion: 43 Resp: 1026
Ion Ratio Lower Upper
43 100
58 190.4 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 55.577 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007433.D
Acq: 08 Feb 2022 15:09

Tgt Ion: 95 Resp: 85052
Ion Ratio Lower Upper
95 100
174 77.0 0.0 177.0
176 73.3 0.0 175.8

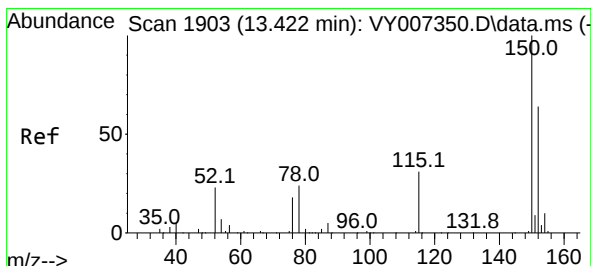
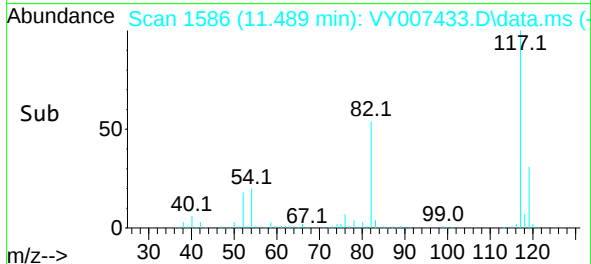
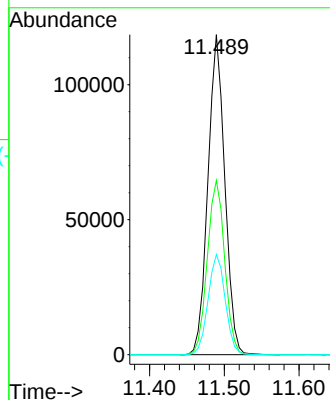
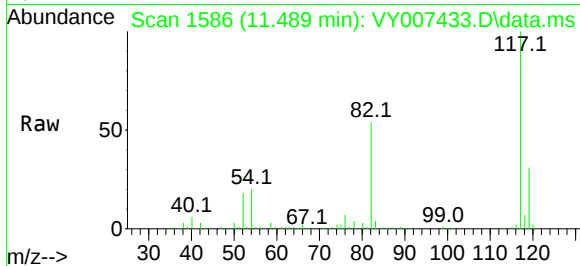




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007433.D
Acq: 08 Feb 2022 15:09

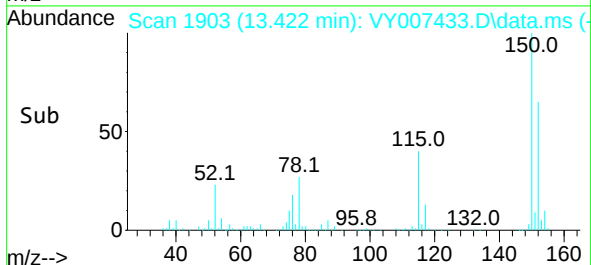
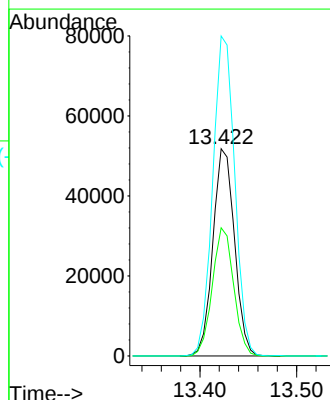
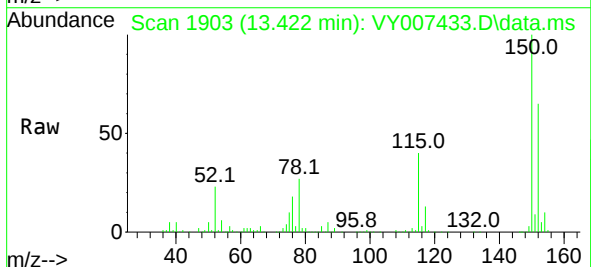
Instrument :
MSVOA_Y
ClientSampleId :
SP-4

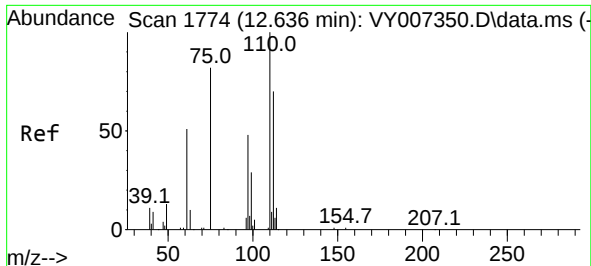
Tgt Ion:117 Resp: 185671
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007433.D
Acq: 08 Feb 2022 15:09

Tgt Ion:152 Resp: 80323
Ion Ratio Lower Upper
152 100
115 61.2 28.2 84.7
150 157.1 0.0 347.6

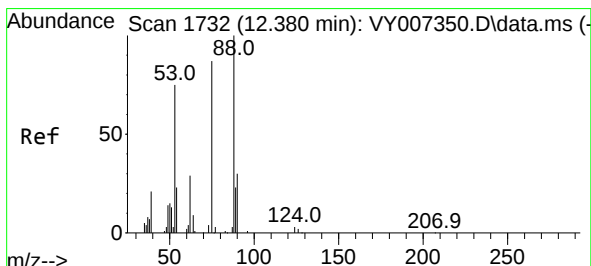
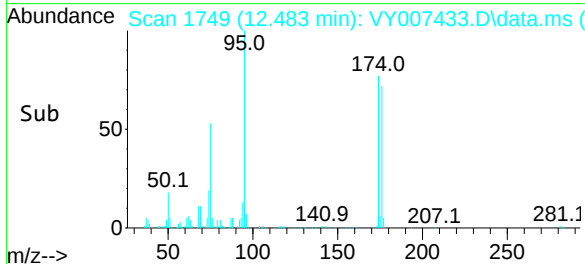
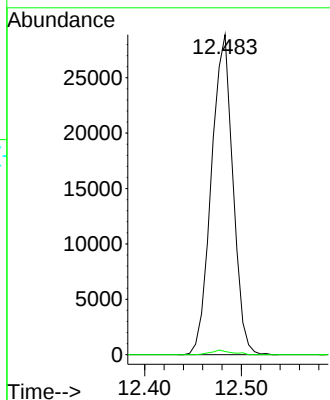
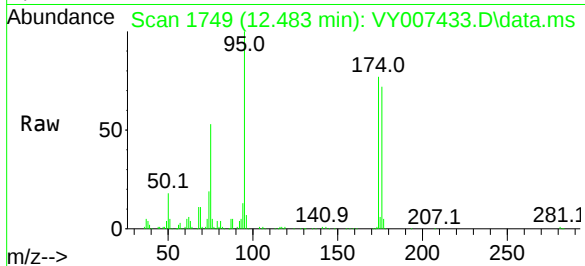




#76
1,2,3-Trichloropropane
Concen: 46.753 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY007433.D
Acq: 08 Feb 2022 15:09

Instrument :
MSVOA_Y
ClientSampleId :
SP-4

Tgt Ion: 75 Resp: 44644
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.666 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007433.D
Acq: 08 Feb 2022 15:09

Tgt Ion: 75 Resp: 44644
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

