

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030124\
 Data File : VY017550.D
 Acq On : 01 Mar 2024 14:21
 Operator : SY/MD
 Sample : P1639-11
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-6

Quant Time: Mar 02 00:18:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	122410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	225723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	200568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	72737	50.000	ug/l	0.00

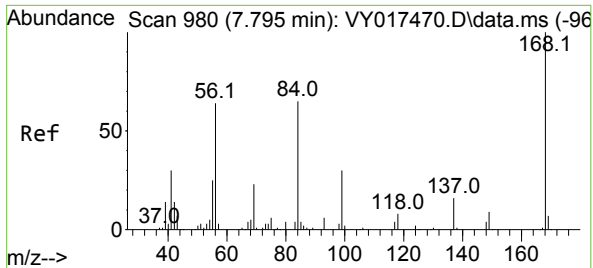
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	65153	56.161	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.320%
35) Dibromofluoromethane	7.728	113	74899	47.618	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.240%
50) Toluene-d8	10.191	98	261028	47.464	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.920%
62) 4-Bromofluorobenzene	12.489	95	68783	39.797	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.600%

Target Compounds					Qvalue	
11) Tert butyl alcohol	4.948	59	132	1.339	ug/l #	88
16) Acetone	3.954	43	2311	10.270	ug/l	96
18) Methyl Acetate	4.204	43	605	1.108	ug/l #	46
20) Methylene Chloride	4.729	84	9806	2.178	ug/l	96
31) Cyclohexane	7.795	56	2244	1.189	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	8883	4.186	ug/l #	49
38) Carbon Tetrachloride	7.801	117	11585	5.447	ug/l #	18
76) 1,2,3-Trichloropropane	12.489	75	34137	49.394	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	34137	113.497	ug/l #	16
95) Naphthalene	15.245	128	258	4.019	ug/l #	69

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

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Response via : Initial Calibration

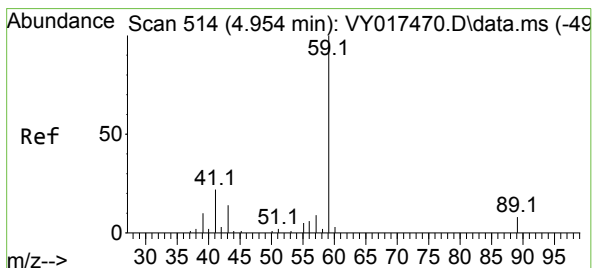
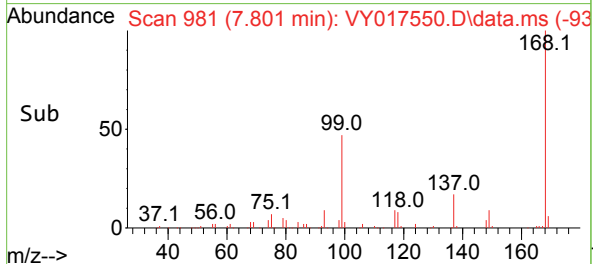
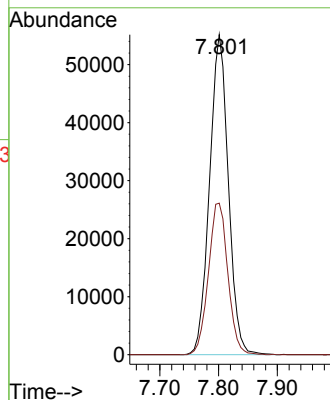
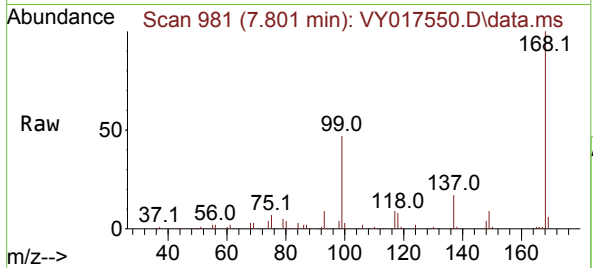




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017550.D
Acq: 01 Mar 2024 14:21

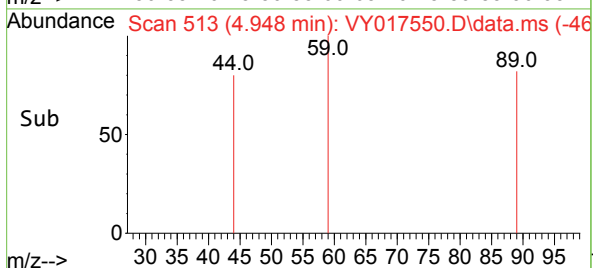
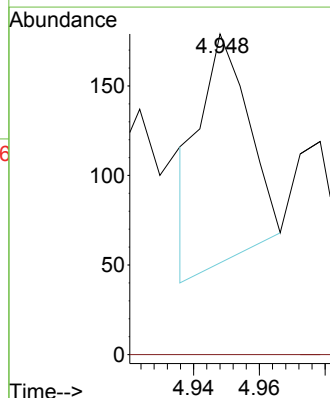
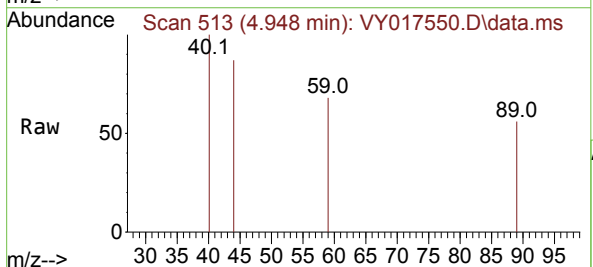
Instrument :
MSVOA_Y
ClientSampleId :
SP-6

Tgt Ion:168 Resp: 122410
Ion Ratio Lower Upper
168 100
99 47.3 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.339 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY017550.D
Acq: 01 Mar 2024 14:21

Tgt Ion: 59 Resp: 132
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 10.270 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY017550.D

Acq: 01 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

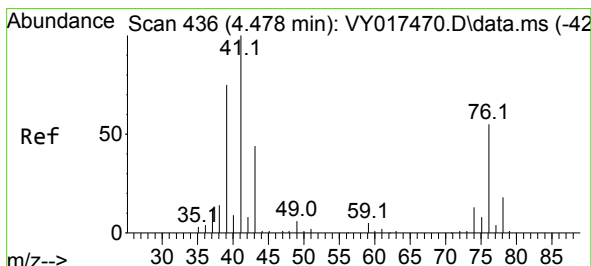
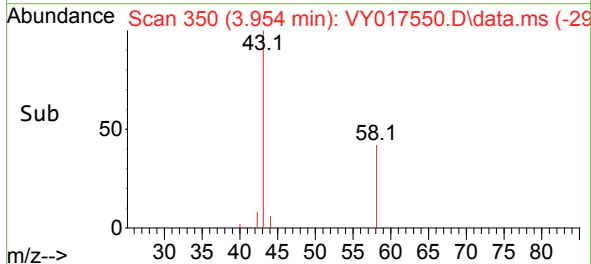
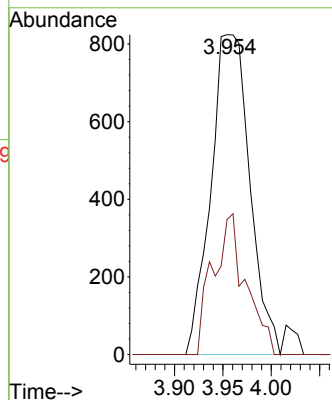
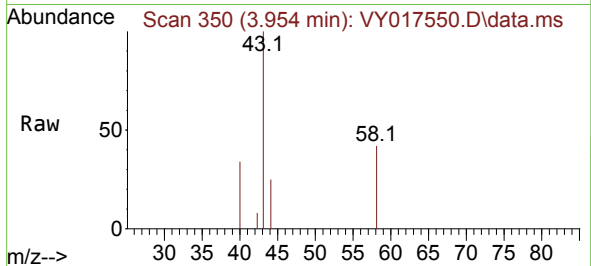
SP-6

Tgt Ion: 43 Resp: 2311

Ion Ratio Lower Upper

43 100

58 42.2 31.7 47.5



#18

Methyl Acetate

Concen: 1.108 ug/l

RT: 4.204 min Scan# 391

Delta R.T. -0.274 min

Lab File: VY017550.D

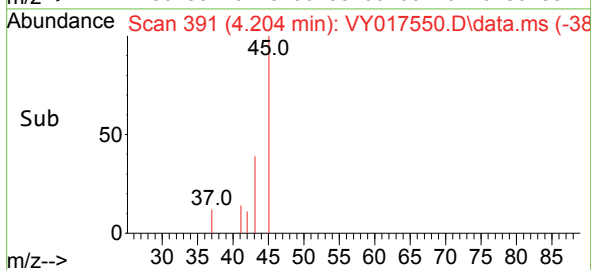
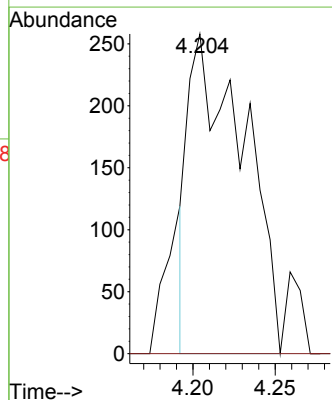
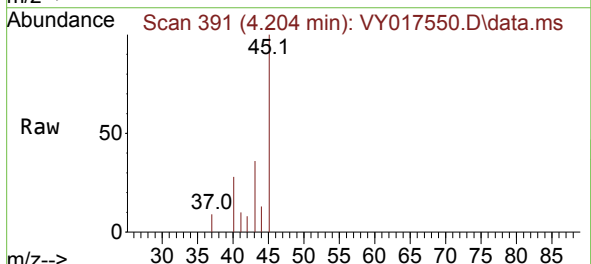
Acq: 01 Mar 2024 14:21

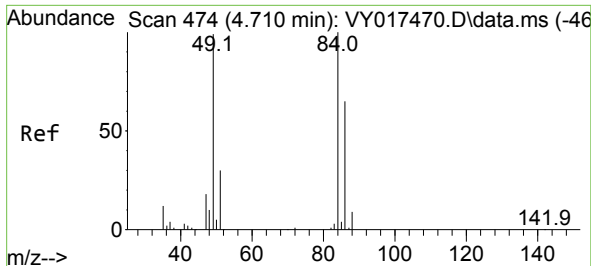
Tgt Ion: 43 Resp: 605

Ion Ratio Lower Upper

43 100

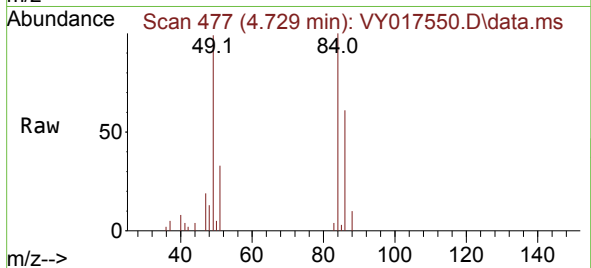
74 0.0 23.3 34.9#



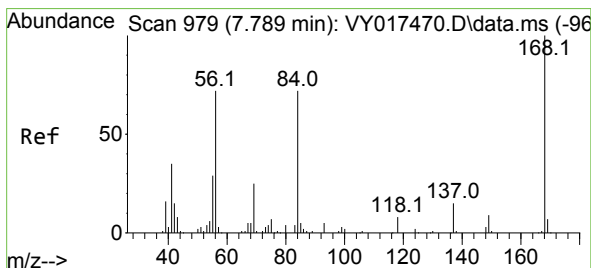
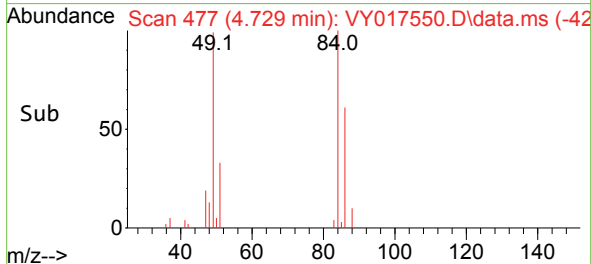
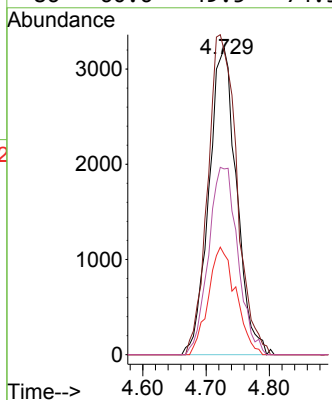


#20
Methylene Chloride
Concen: 2.178 ug/l
RT: 4.729 min Scan# 41
Delta R.T. 0.019 min
Lab File: VY017550.D
Acq: 01 Mar 2024 14:21

Instrument :
MSVOA_Y
ClientSampleId :
SP-6

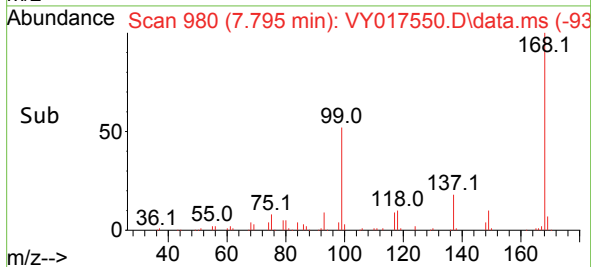
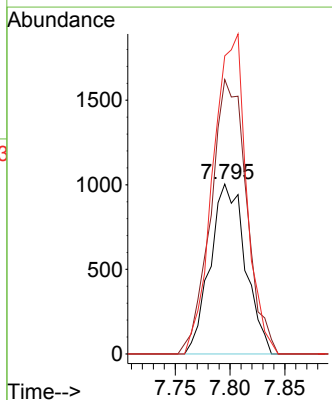
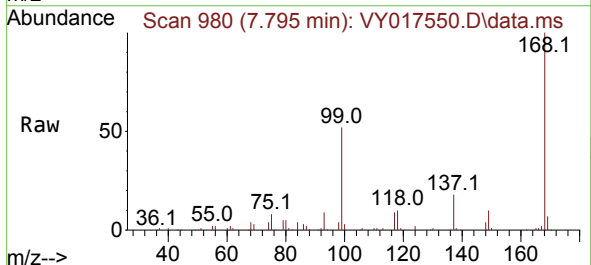


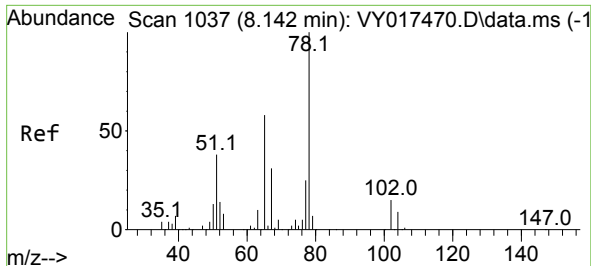
Tgt Ion:	84	Resp:	9806
Ion	Ratio	Lower	Upper
84	100		
49	99.3	84.4	126.6
51	32.8	26.0	39.0
86	60.6	49.5	74.3



#31
Cyclohexane
Concen: 1.189 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY017550.D
Acq: 01 Mar 2024 14:21

Tgt Ion:	56	Resp:	2244
Ion	Ratio	Lower	Upper
56	100		
69	161.4	28.7	43.1#
84	175.3	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 56.161 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY017550.D

Acq: 01 Mar 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

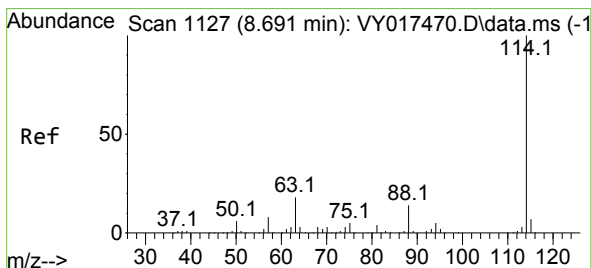
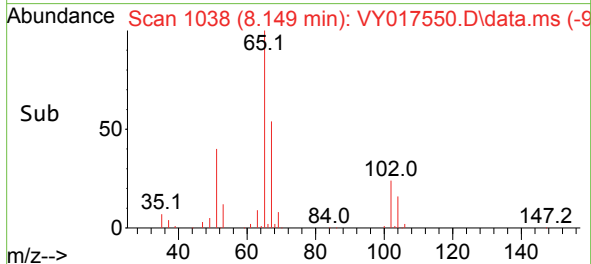
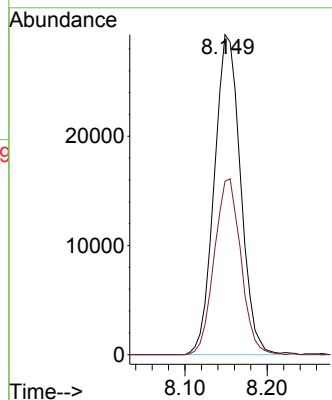
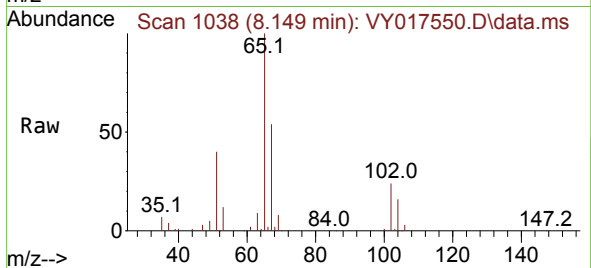
SP-6

Tgt Ion: 65 Resp: 65153

Ion Ratio Lower Upper

65 100

67 55.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017550.D

Acq: 01 Mar 2024 14:21

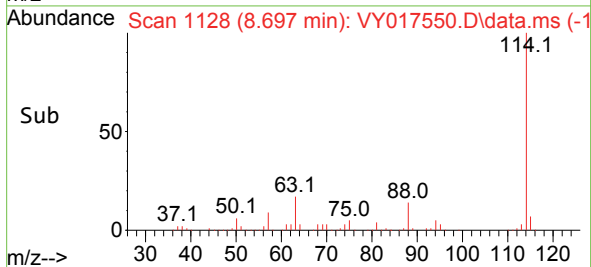
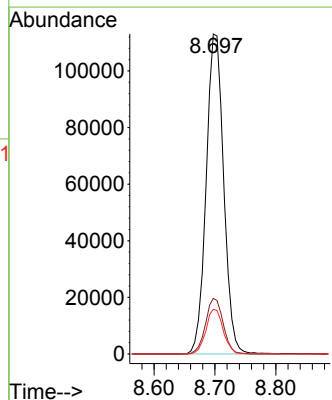
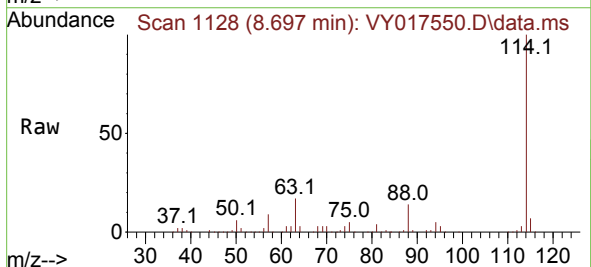
Tgt Ion: 114 Resp: 225723

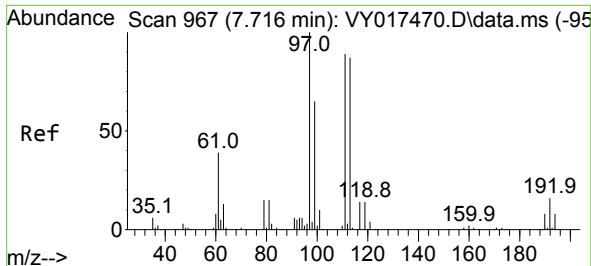
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 13.9 0.0 27.2

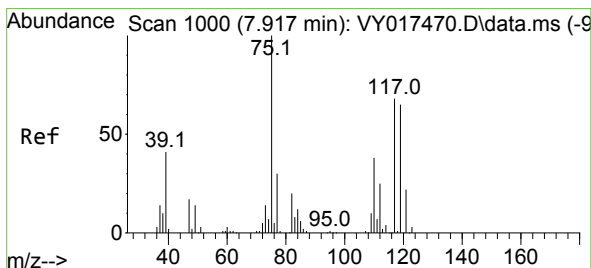
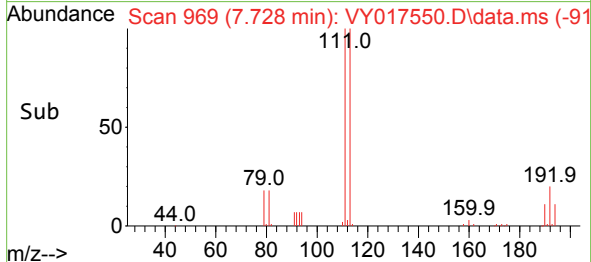
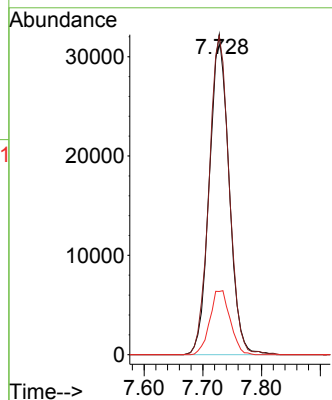
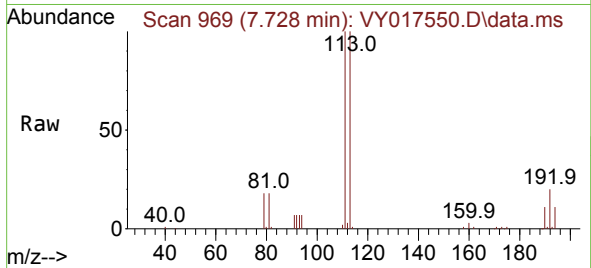




#35
Dibromofluoromethane
Concen: 47.618 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017550.D
Acq: 01 Mar 2024 14:21

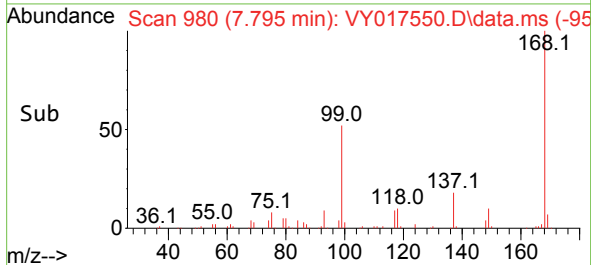
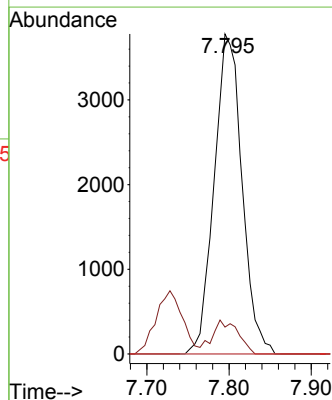
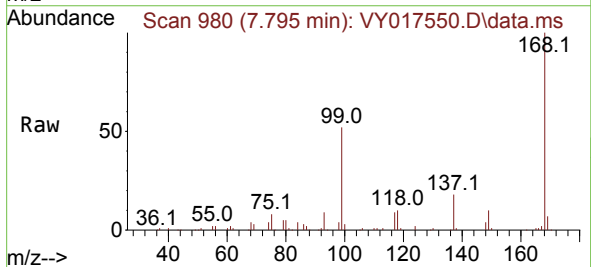
Instrument :
MSVOA_Y
ClientSampleId :
SP-6

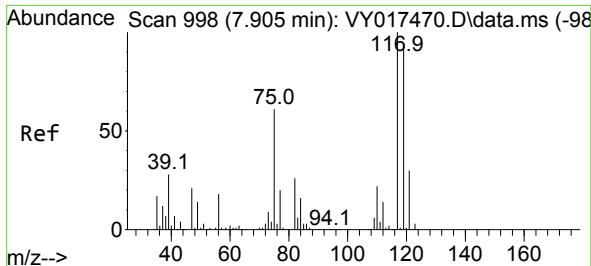
Tgt Ion:113 Resp: 74899
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 20.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.186 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY017550.D
Acq: 01 Mar 2024 14:21

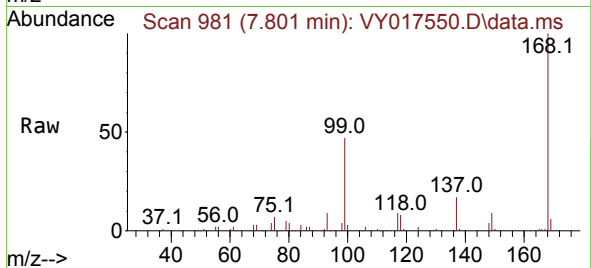
Tgt Ion: 75 Resp: 8883
Ion Ratio Lower Upper
75 100
110 9.7 19.0 57.0#
77 0.0 25.3 37.9#



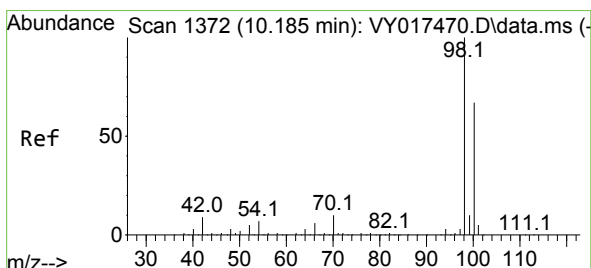
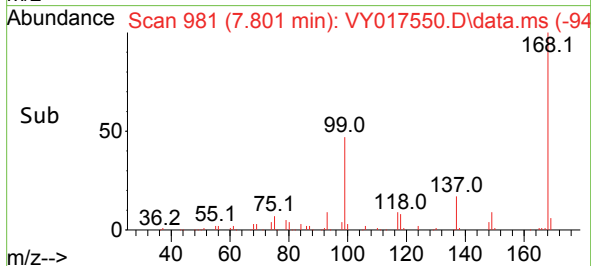
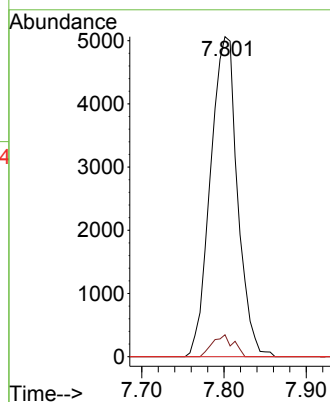


#38
Carbon Tetrachloride
Concen: 5.447 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY017550.D
Acq: 01 Mar 2024 14:21

Instrument :
MSVOA_Y
ClientSampleId :
SP-6

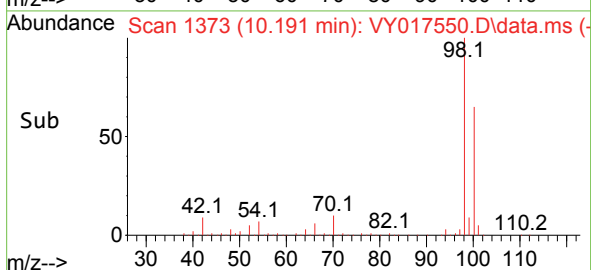
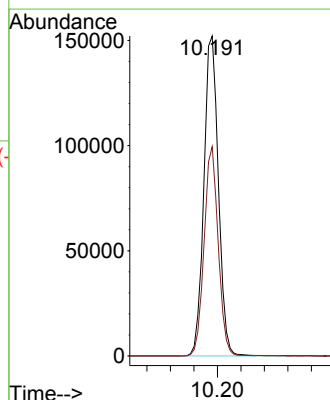
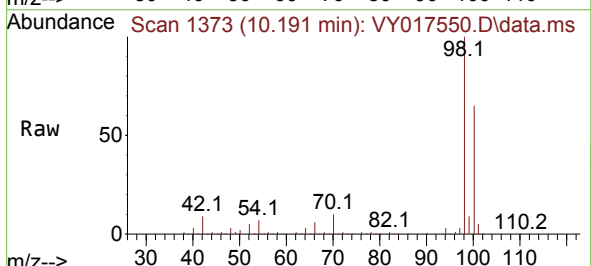


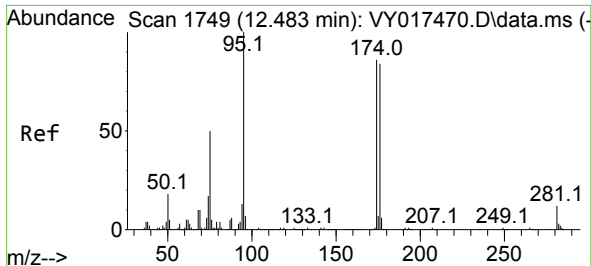
Tgt Ion:117 Resp: 11585
Ion Ratio Lower Upper
117 100
119 6.9 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.464 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017550.D
Acq: 01 Mar 2024 14:21

Tgt Ion: 98 Resp: 261028
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0

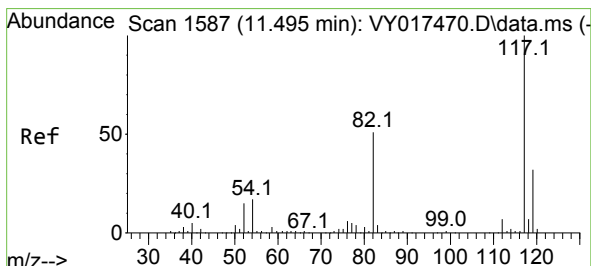
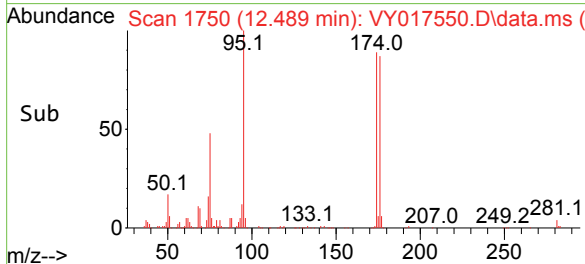
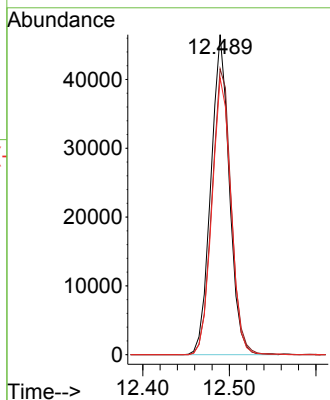
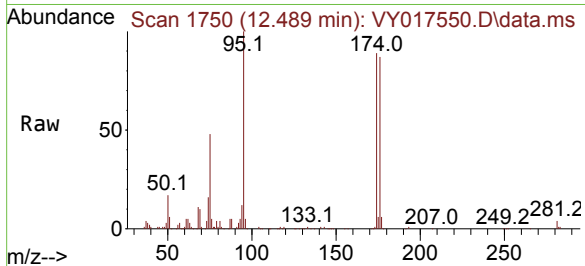




#62
4-Bromofluorobenzene
Concen: 39.797 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017550.D
Acq: 01 Mar 2024 14:21

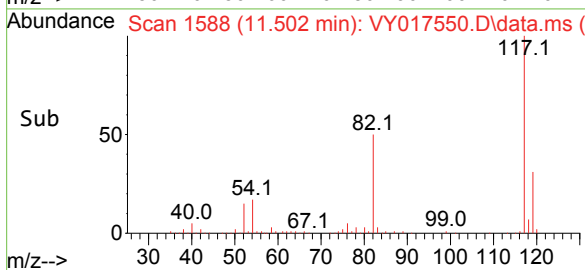
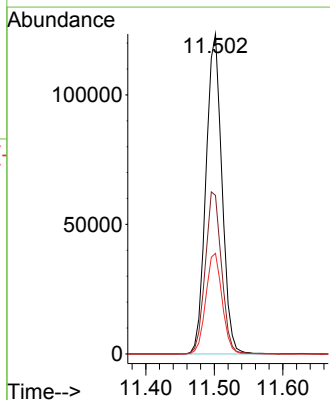
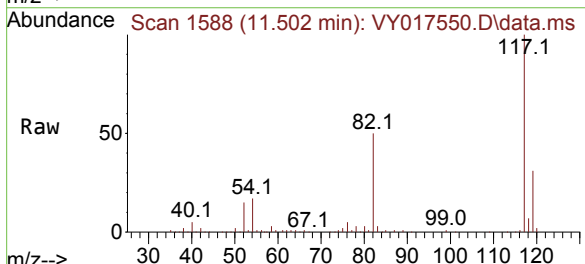
Instrument :
MSVOA_Y
ClientSampleId :
SP-6

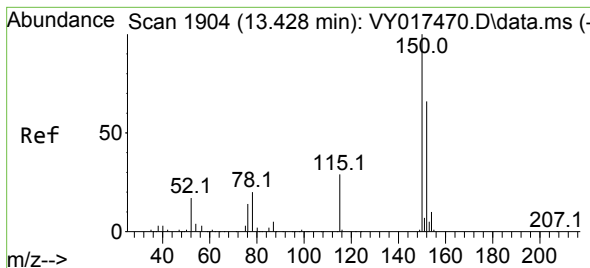
Tgt Ion: 95 Resp: 68783
Ion Ratio Lower Upper
95 100
174 93.1 0.0 175.6
176 89.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017550.D
Acq: 01 Mar 2024 14:21

Tgt Ion: 117 Resp: 200568
Ion Ratio Lower Upper
117 100
82 49.6 42.4 63.6
119 31.5 25.9 38.9

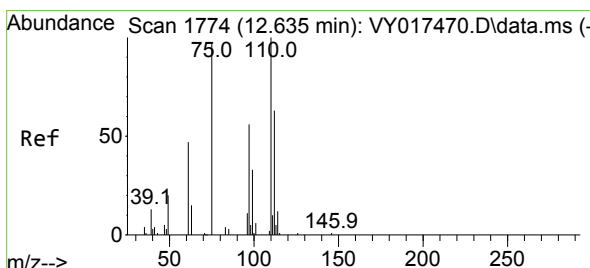
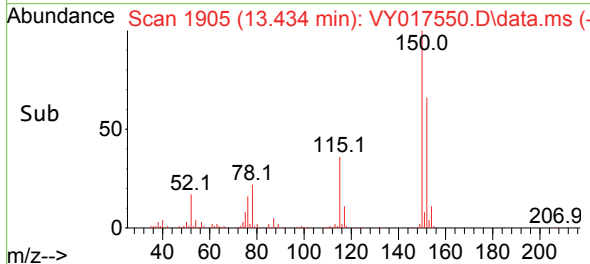
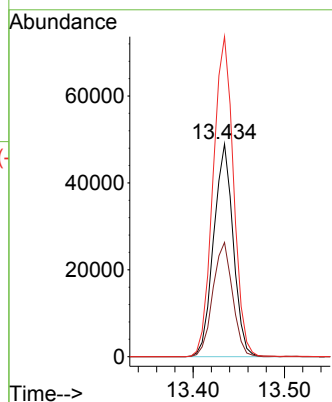
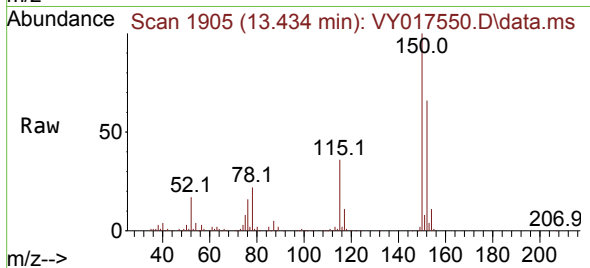




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY017550.D
 Acq: 01 Mar 2024 14:21

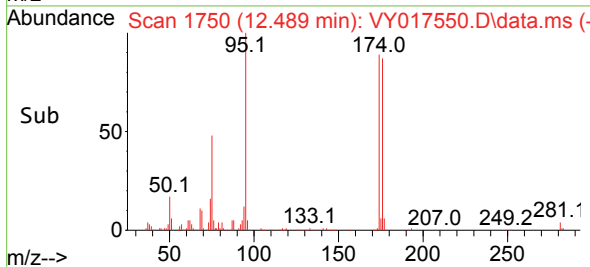
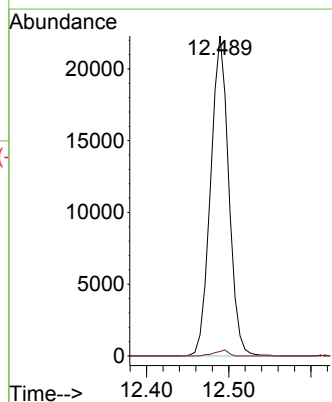
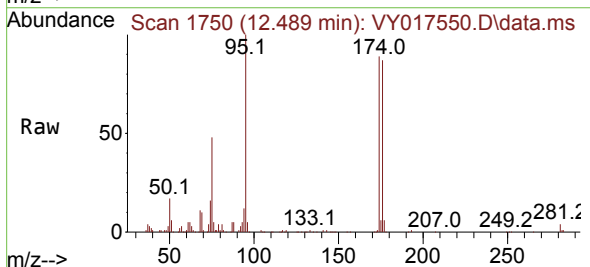
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-6

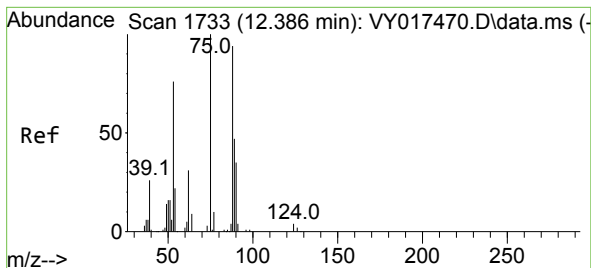
Tgt Ion:152 Resp: 72737
 Ion Ratio Lower Upper
 152 100
 115 54.2 28.2 84.7
 150 157.0 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 49.394 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.146 min
 Lab File: VY017550.D
 Acq: 01 Mar 2024 14:21

Tgt Ion: 75 Resp: 34137
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

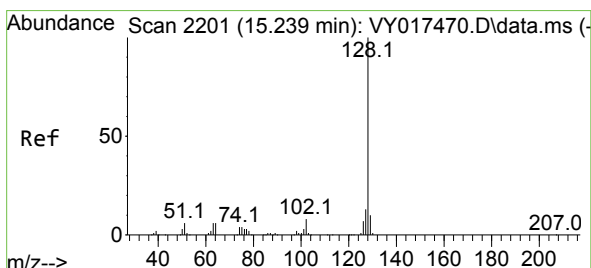
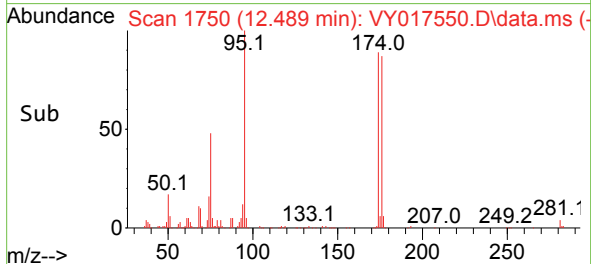
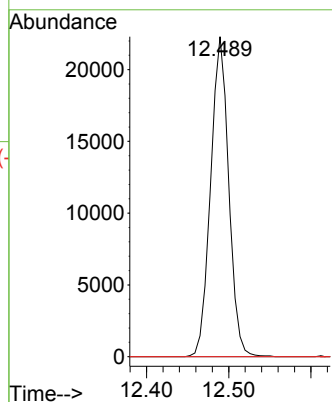
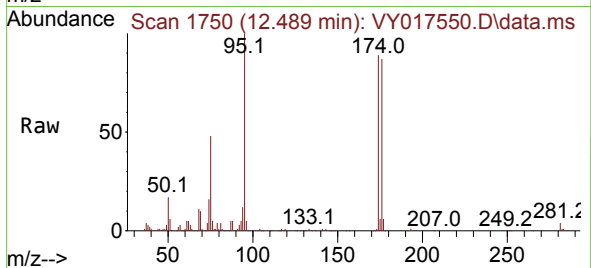




#81
trans-1,4-Dichloro-2-butene
Concen: 113.497 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY017550.D
Acq: 01 Mar 2024 14:21

Instrument :
MSVOA_Y
ClientSampleId :
SP-6

Tgt Ion: 75 Resp: 34137
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 4.019 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY017550.D
Acq: 01 Mar 2024 14:21

Tgt Ion:128 Resp: 258
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

