

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
 Data File : VY018072.D
 Acq On : 29 Apr 2024 16:43
 Operator : SY/MD
 Sample : P2309-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 30 01:01:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

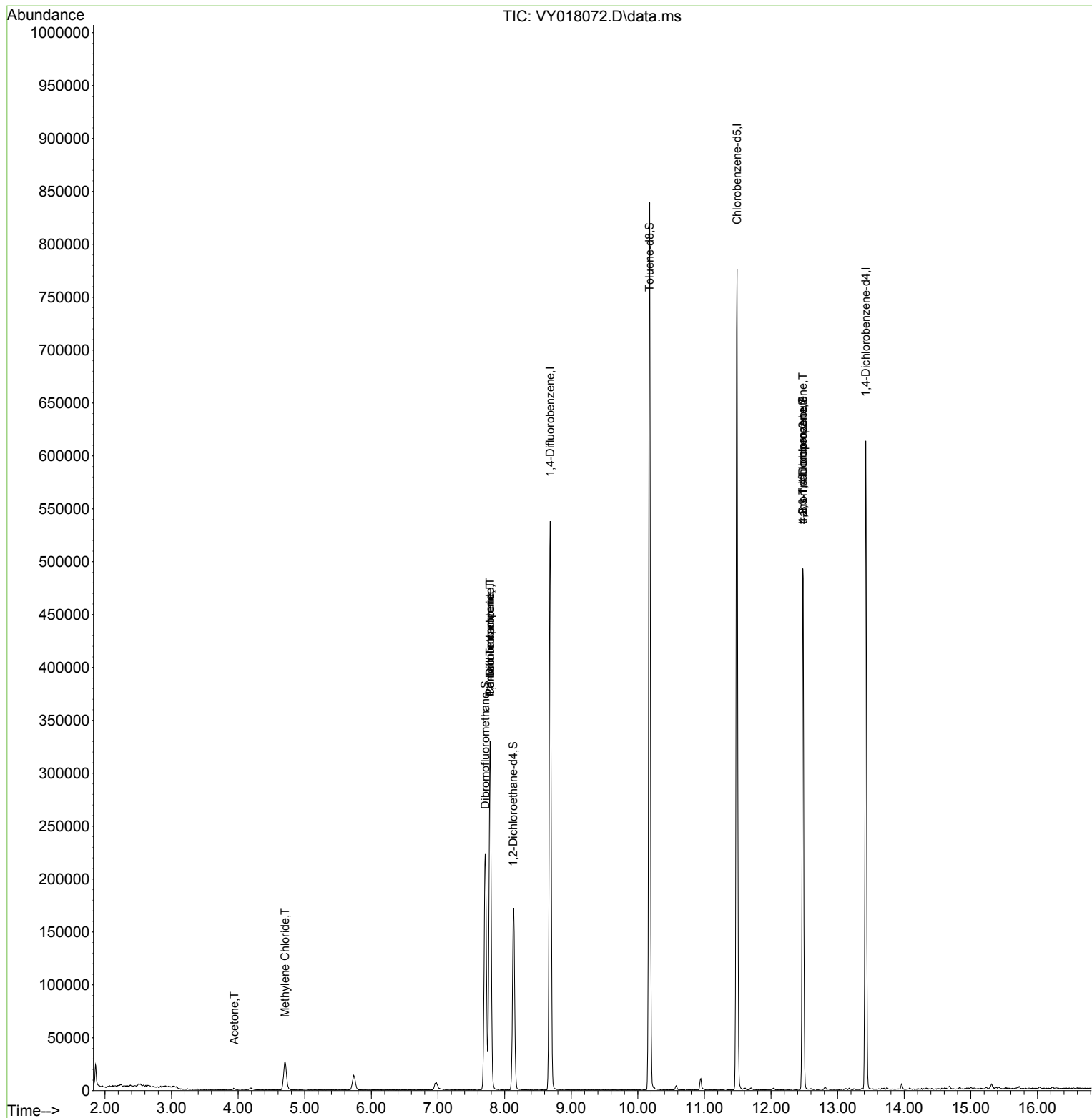
Internal Standards						
1) Pentafluorobenzene	7.783	168	279662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	511393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	459558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	168566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	130315	53.847	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.700%	
35) Dibromofluoromethane	7.710	113	168726	53.479	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.960%	
50) Toluene-d8	10.179	98	585790	48.932	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.860%	
62) 4-Bromofluorobenzene	12.477	95	155287	41.883	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	71	Below Cal	#	88
16) Acetone	3.942	43	1933	4.042	ug/l	90
20) Methylene Chloride	4.704	84	22975	7.092	ug/l	89
36) 1,1-Dichloropropene	7.783	75	19217	4.188	ug/l #	47
38) Carbon Tetrachloride	7.783	117	24127	5.205	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	74105	46.849	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	74105	96.593	ug/l #	16

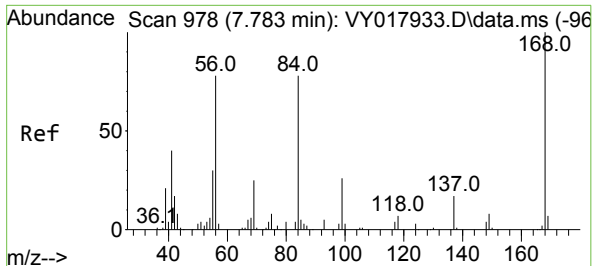
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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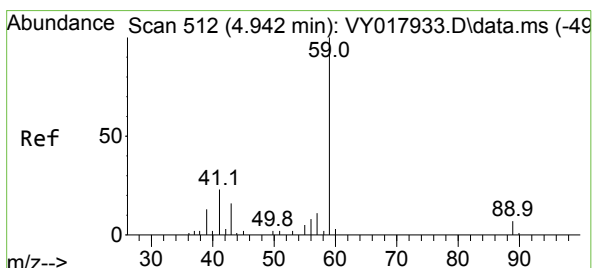
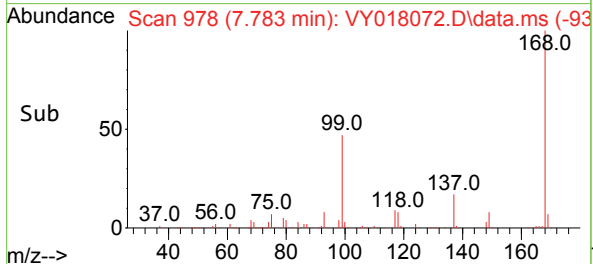
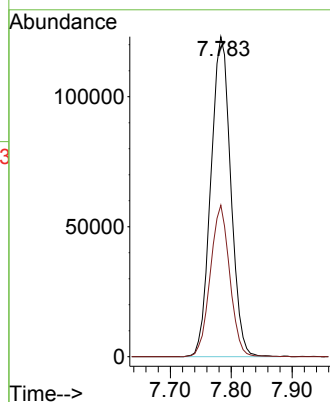
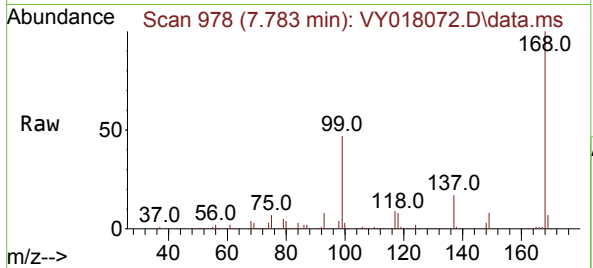




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018072.D
Acq: 29 Apr 2024 16:43

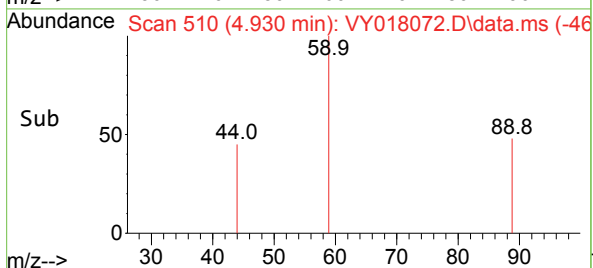
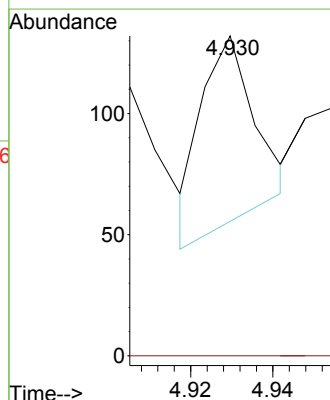
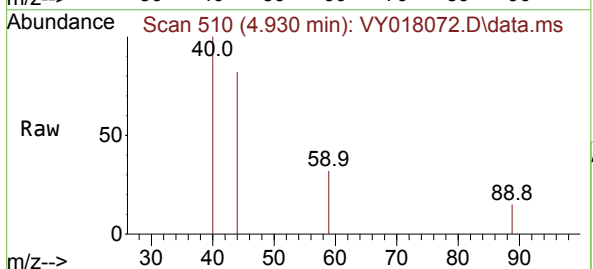
Instrument :
MSVOA_Y
ClientSampleId :

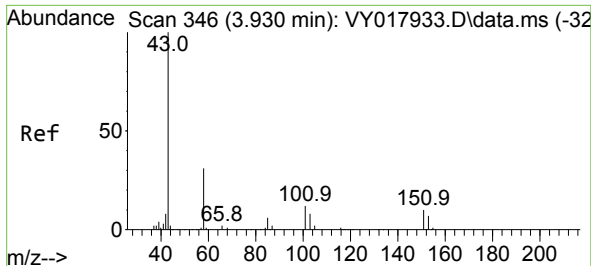
Tgt Ion:168 Resp: 279662
Ion Ratio Lower Upper
168 100
99 47.3 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.024 min
Lab File: VY018072.D
Acq: 29 Apr 2024 16:43

Tgt Ion: 59 Resp: 71
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 4.042 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY018072.D

Acq: 29 Apr 2024 16:43

Instrument :

MSVOA_Y

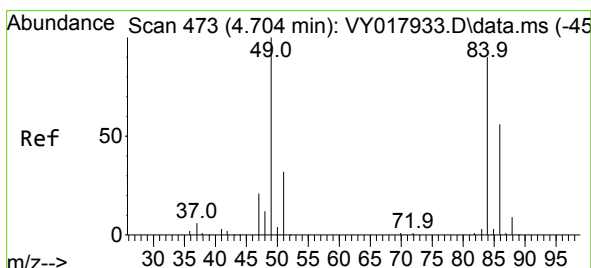
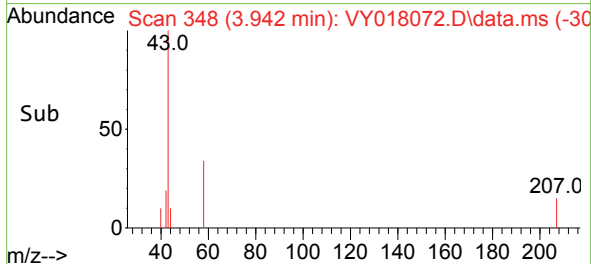
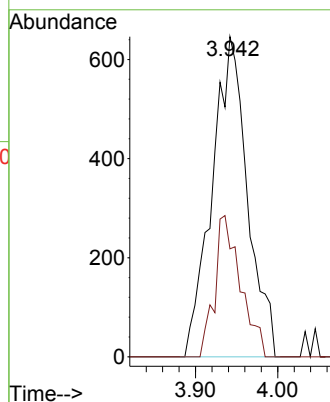
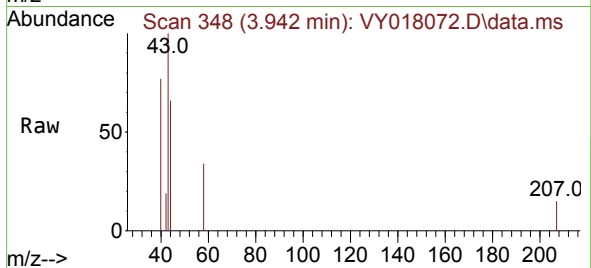
ClientSampleId :

Tgt Ion: 43 Resp: 1933

Ion Ratio Lower Upper

43 100

58 33.7 31.7 47.5



#20

Methylene Chloride

Concen: 7.092 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.012 min

Lab File: VY018072.D

Acq: 29 Apr 2024 16:43

Tgt Ion: 84 Resp: 22975

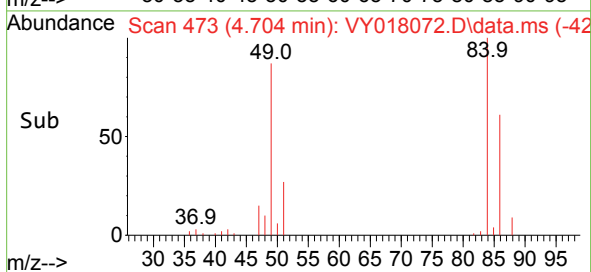
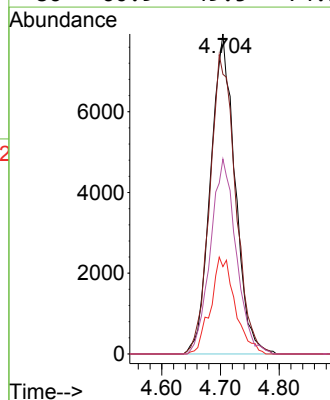
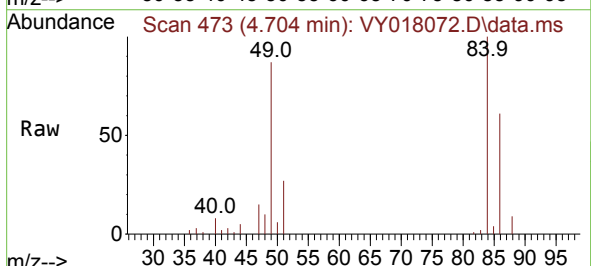
Ion Ratio Lower Upper

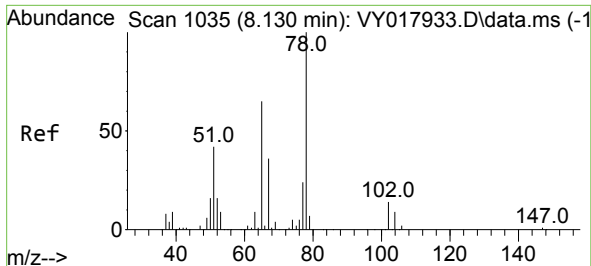
84 100

49 87.4 84.4 126.6

51 27.3 26.0 39.0

86 60.9 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 53.847 ug/l

RT: 8.130 min Scan# 11035

Delta R.T. -0.012 min

Lab File: VY018072.D

Acq: 29 Apr 2024 16:43

Instrument :

MSVOA_Y

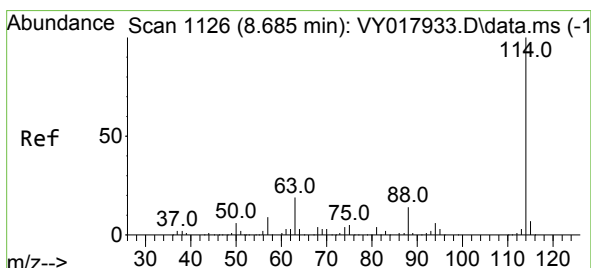
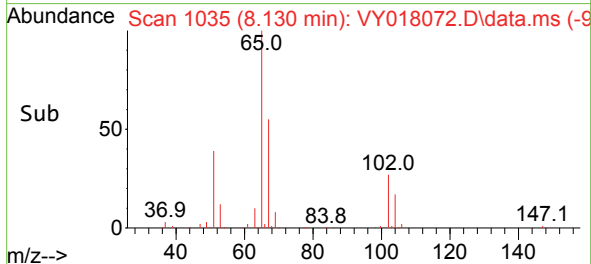
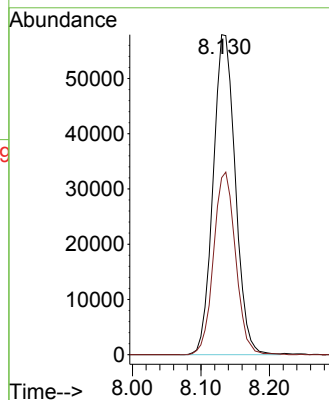
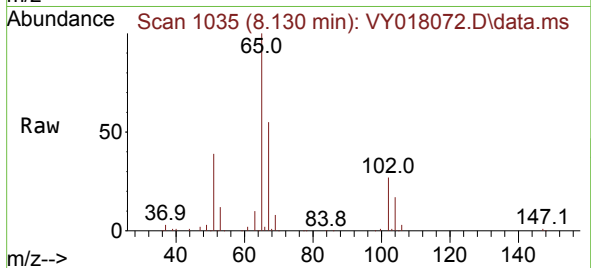
ClientSampleId :

Tgt Ion: 65 Resp: 130315

Ion Ratio Lower Upper

65 100

67 56.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY018072.D

Acq: 29 Apr 2024 16:43

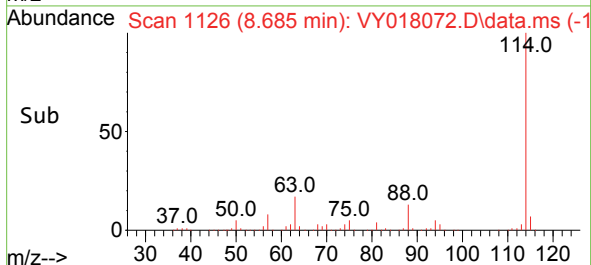
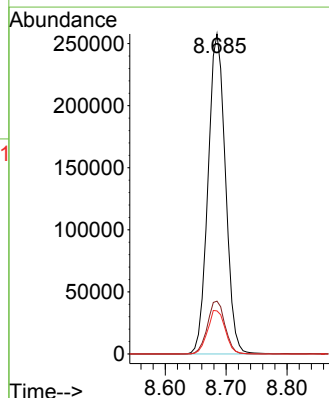
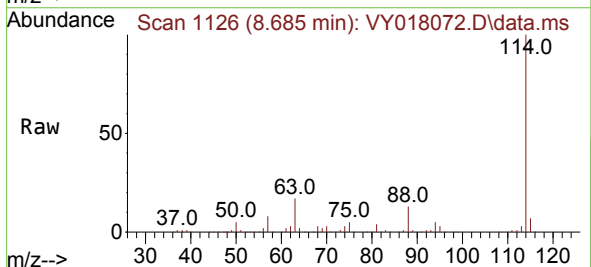
Tgt Ion: 114 Resp: 511393

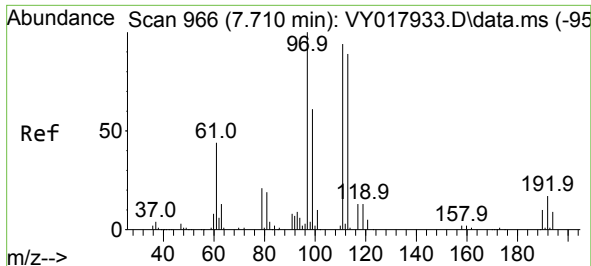
Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

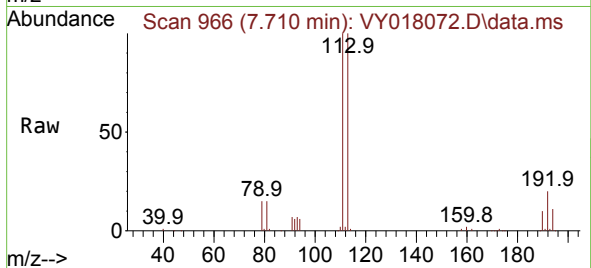
88 13.5 0.0 27.2



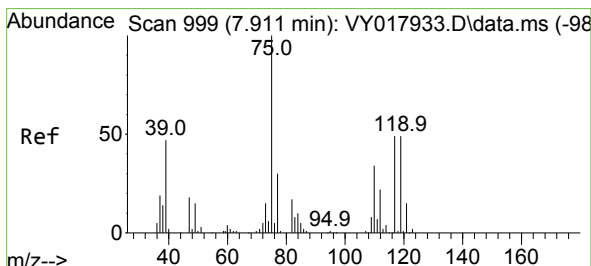
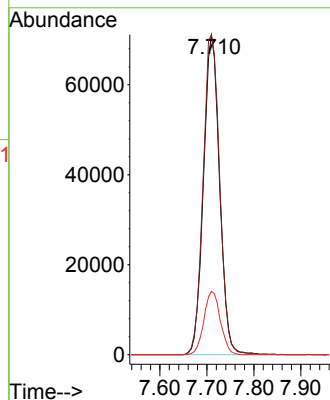
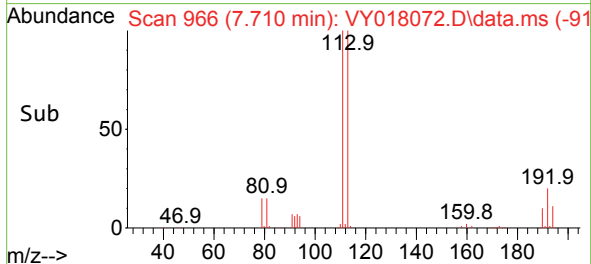


#35
Dibromofluoromethane
Concen: 53.479 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.012 min
Lab File: VY018072.D
Acq: 29 Apr 2024 16:43

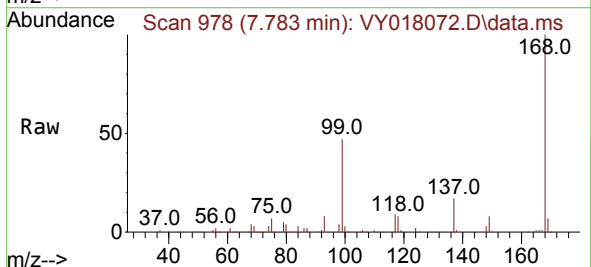
Instrument :
MSVOA_Y
ClientSampleId :



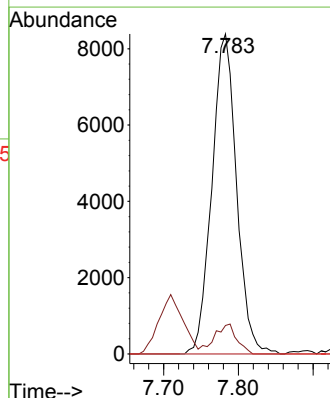
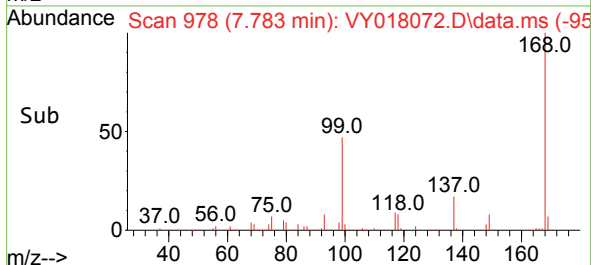
Tgt Ion:113 Resp: 168726
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 20.3 15.9 23.9

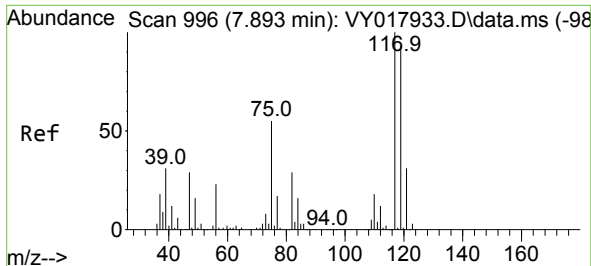


#36
1,1-Dichloropropene
Concen: 4.188 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY018072.D
Acq: 29 Apr 2024 16:43



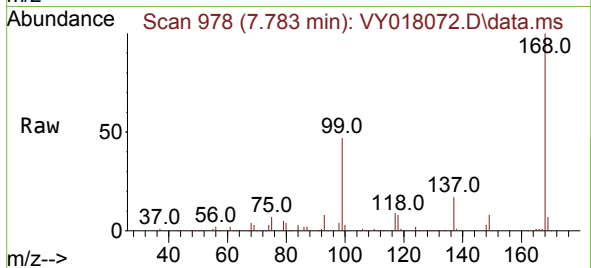
Tgt Ion: 75 Resp: 19217
Ion Ratio Lower Upper
75 100
110 7.7 19.0 57.0#
77 0.0 25.3 37.9#



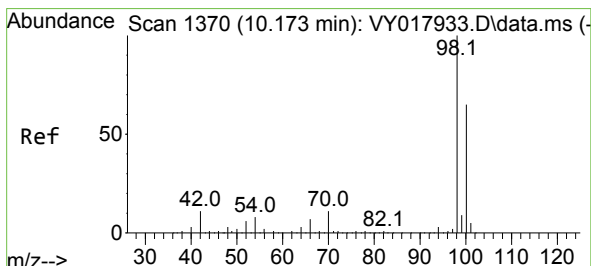
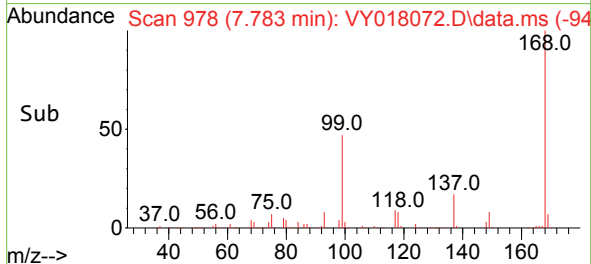
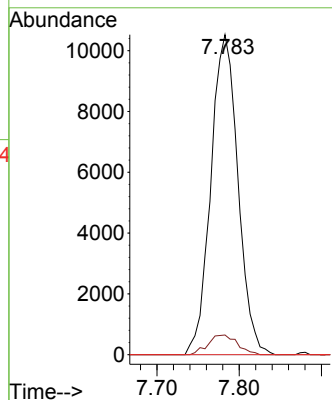


#38
Carbon Tetrachloride
Concen: 5.205 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY018072.D
Acq: 29 Apr 2024 16:43

Instrument :
MSVOA_Y
ClientSampleId :

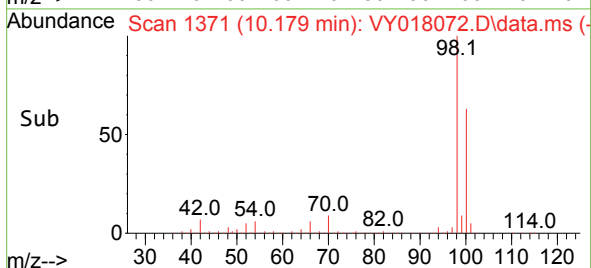
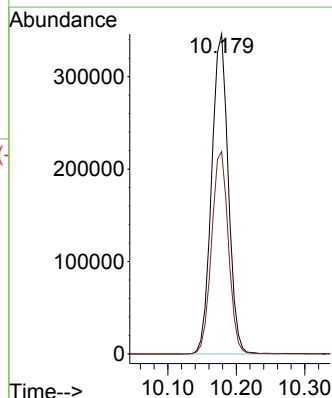
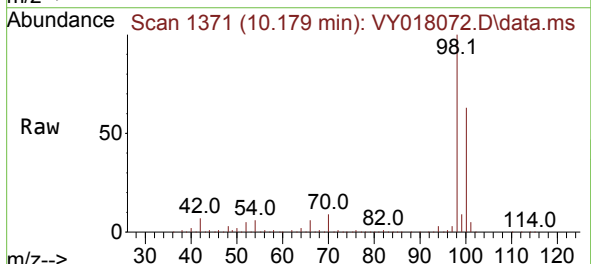


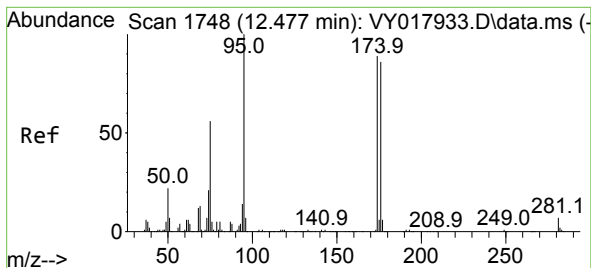
Tgt Ion:117 Resp: 24127
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.932 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018072.D
Acq: 29 Apr 2024 16:43

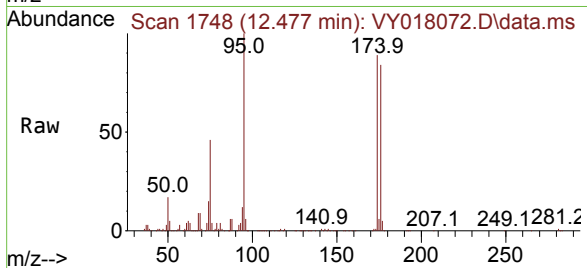
Tgt Ion: 98 Resp: 585790
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



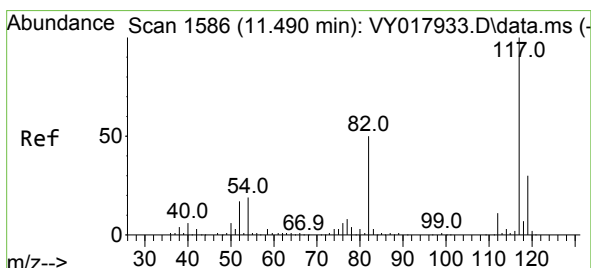
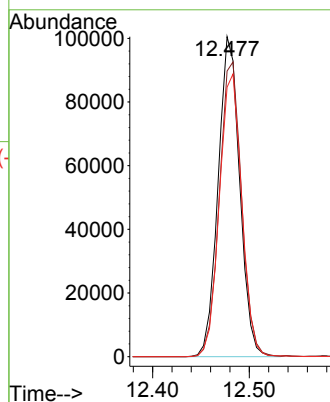
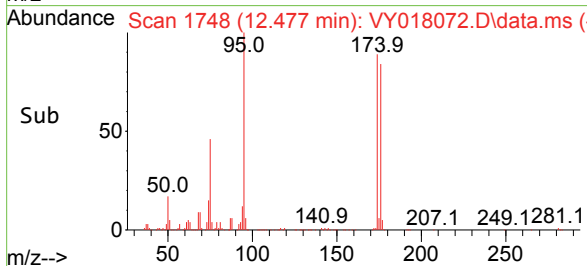


#62
4-Bromofluorobenzene
Concen: 41.883 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018072.D
Acq: 29 Apr 2024 16:43

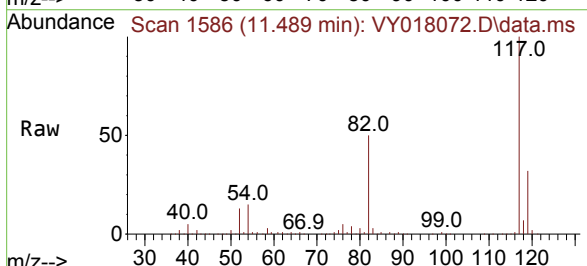
Instrument :
MSVOA_Y
ClientSampleId :



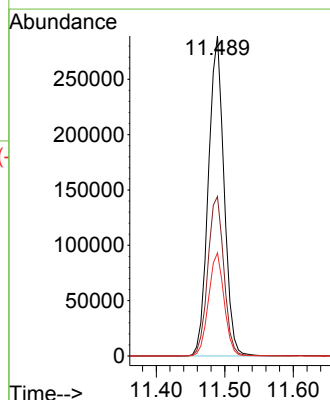
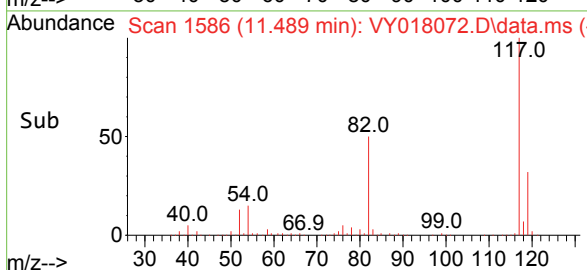
Tgt Ion: 95 Resp: 155287
Ion Ratio Lower Upper
95 100
174 94.7 0.0 175.6
176 91.6 0.0 171.4

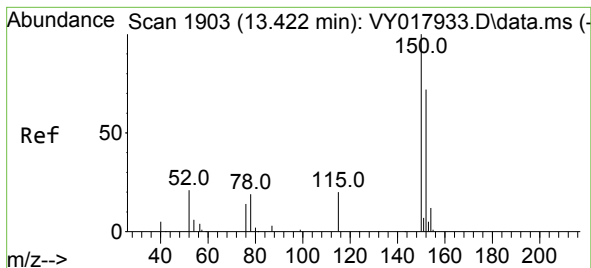


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018072.D
Acq: 29 Apr 2024 16:43



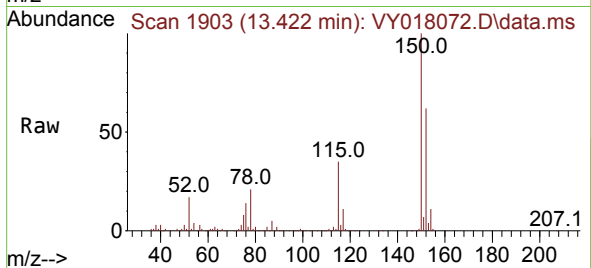
Tgt Ion: 117 Resp: 459558
Ion Ratio Lower Upper
117 100
82 49.9 42.4 63.6
119 32.2 25.9 38.9



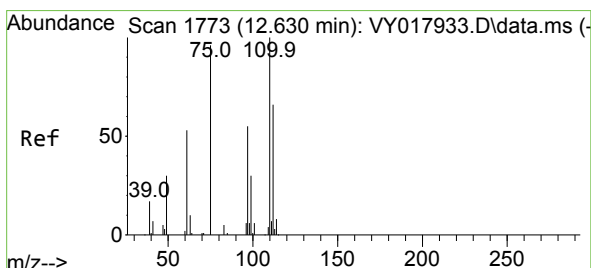
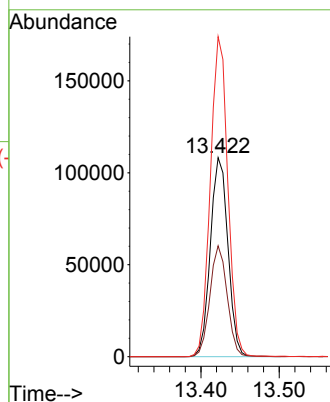
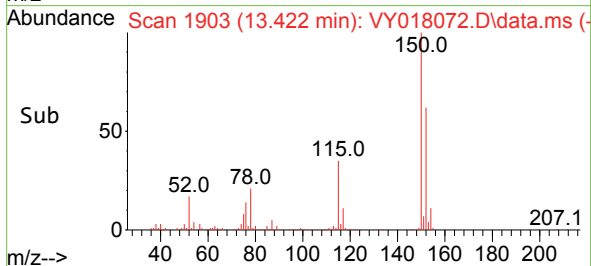


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY018072.D
Acq: 29 Apr 2024 16:43

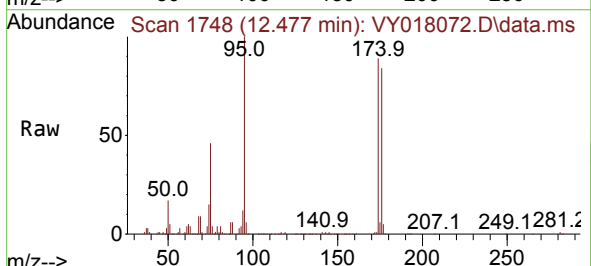
Instrument :
MSVOA_Y
ClientSampleId :



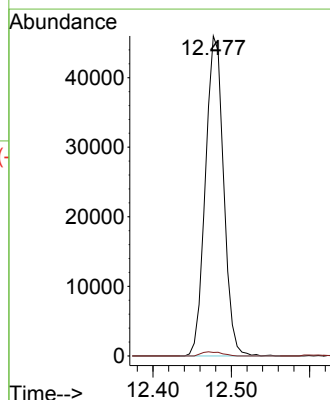
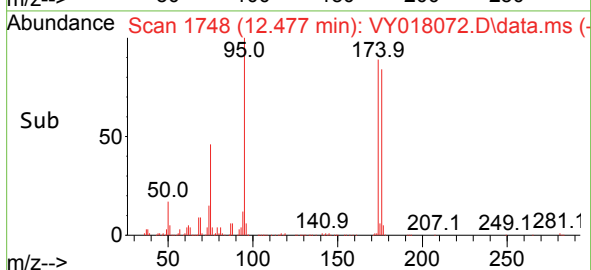
Tgt Ion:152 Resp: 168566
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 159.7 0.0 345.6

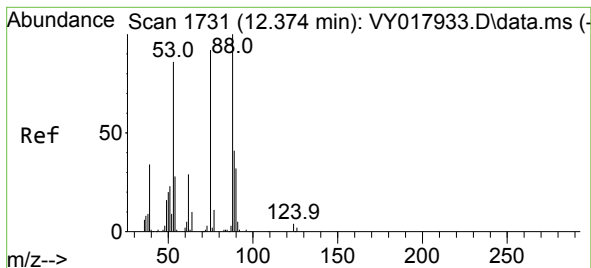


#76
1,2,3-Trichloropropane
Concen: 46.849 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY018072.D
Acq: 29 Apr 2024 16:43



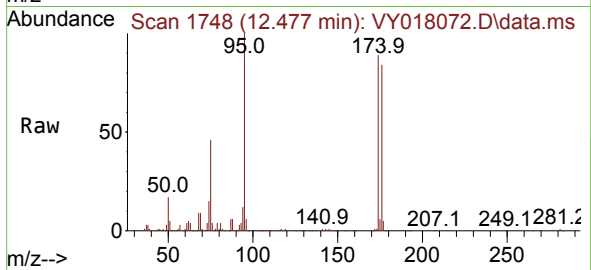
Tgt Ion: 75 Resp: 74105
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.593 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY018072.D
 Acq: 29 Apr 2024 16:43

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	66.8	100.2#
89	0.1	35.8	53.6#

