

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042324\
 Data File : VY018023.D
 Acq On : 23 Apr 2024 13:37
 Operator : SY/MD
 Sample : P2225-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 24 01:14:26 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	39325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	56046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	43955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10900	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	16869	49.570	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.140%
35) Dibromofluoromethane	7.710	113	19900	57.553	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.100%
50) Toluene-d8	10.179	98	60752	46.304	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.600%
62) 4-Bromofluorobenzene	12.483	95	12166	29.941	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	59.880%

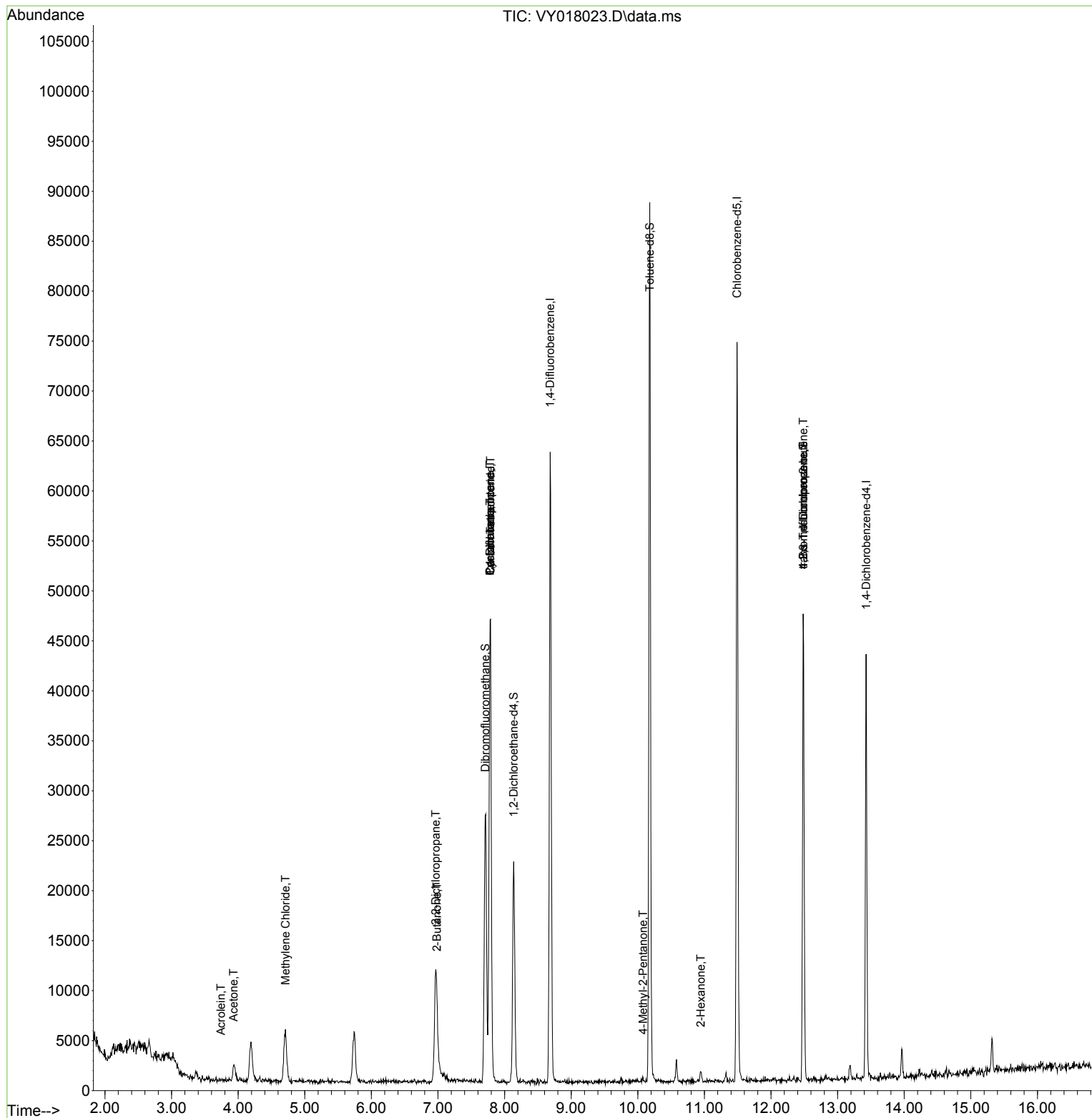
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.948	59	225	Below Cal	#	88
13) Acrolein	3.741	56	30	1.132	ug/l #	15
16) Acetone	3.930	43	3073	45.701	ug/l	93
20) Methylene Chloride	4.710	84	3995	8.770	ug/l	91
25) 2-Butanone	6.984	43	310	3.137	ug/l #	41
26) 2,2-Dichloropropane	6.966	77	941	1.595	ug/l #	51
31) Cyclohexane	7.783	56	799	1.228	ug/l #	32
36) 1,1-Dichloropropene	7.783	75	3307	6.576	ug/l #	48
38) Carbon Tetrachloride	7.789	117	3611	7.108	ug/l #	13
51) 4-Methyl-2-Pentanone	10.081	43	388	1.898	ug/l #	69
59) 2-Hexanone	10.947	43	148	1.060	ug/l #	19
76) 1,2,3-Trichloropropane	12.483	75	6025	58.905	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	6025	121.451	ug/l #	16

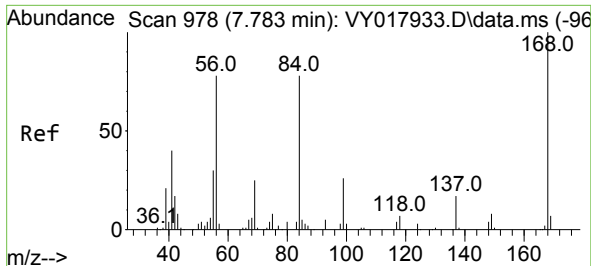
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042324\
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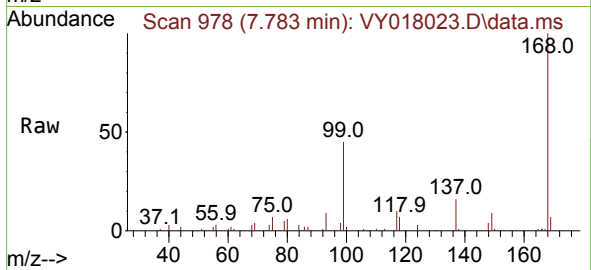
Quant Time: Apr 24 01:14:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
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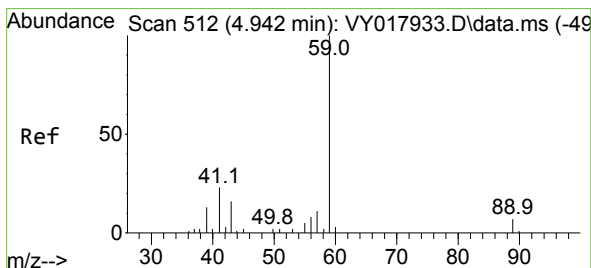
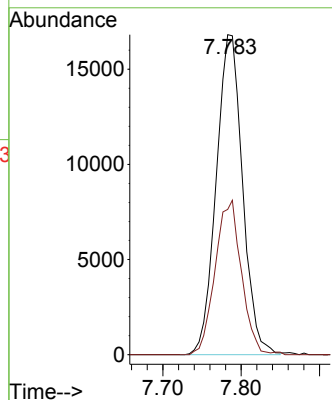
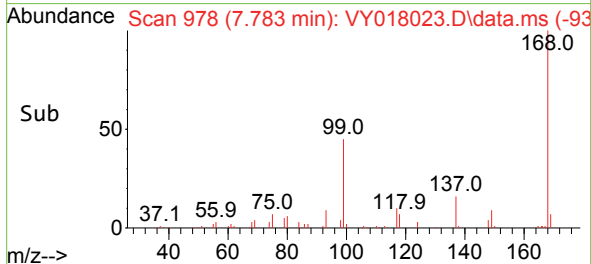


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018023.D
Acq: 23 Apr 2024 13:37

Instrument :
MSVOA_Y
ClientSampleId :

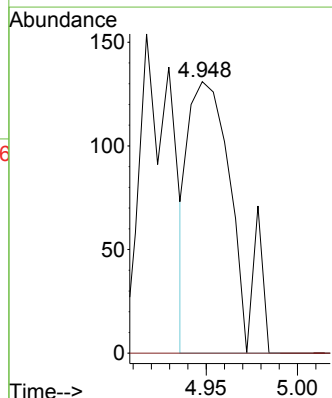
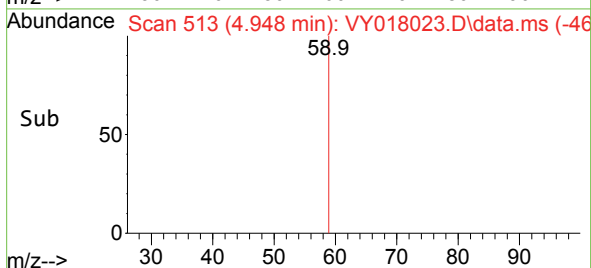
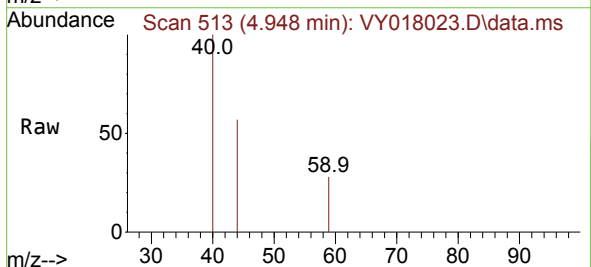


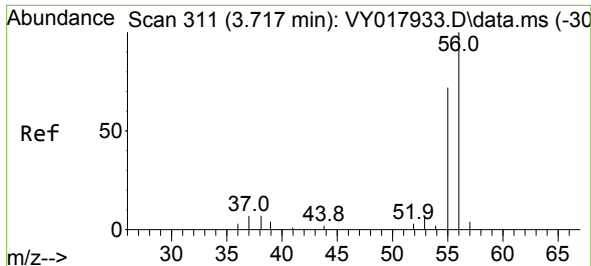
Tgt Ion:168 Resp: 39325
Ion Ratio Lower Upper
168 100
99 45.4 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY018023.D
Acq: 23 Apr 2024 13:37

Tgt Ion: 59 Resp: 225
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#13

Acrolein

Concen: 1.132 ug/l

RT: 3.741 min Scan# 311

Delta R.T. 0.012 min

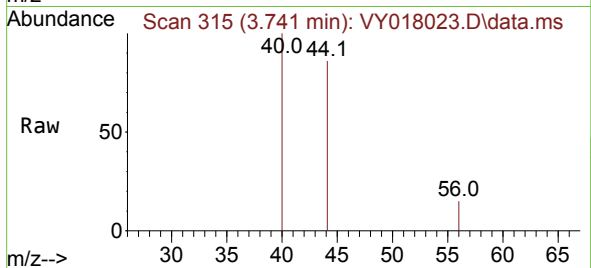
Lab File: VY018023.D

Acq: 23 Apr 2024 13:37

Instrument :

MSVOA_Y

ClientSampleId :

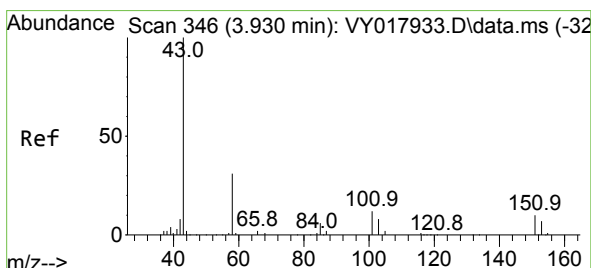
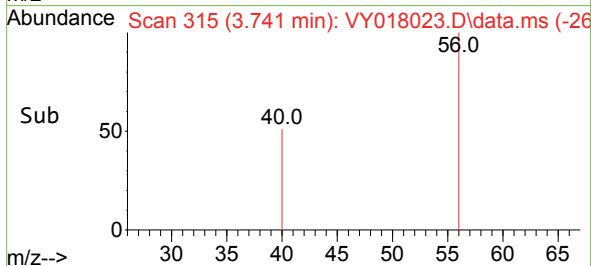
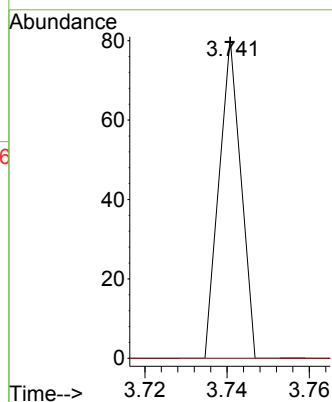


Tgt Ion: 56 Resp: 30

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#



#16

Acetone

Concen: 45.701 ug/l

RT: 3.930 min Scan# 346

Delta R.T. -0.018 min

Lab File: VY018023.D

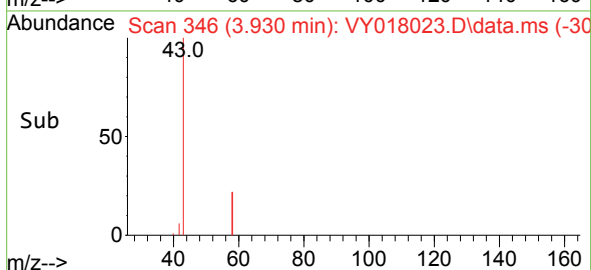
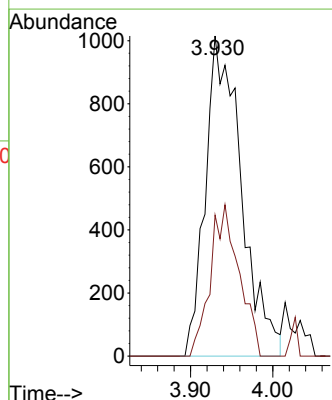
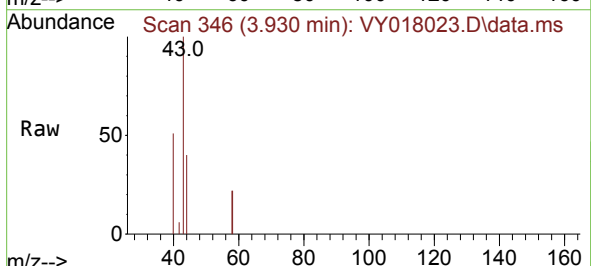
Acq: 23 Apr 2024 13:37

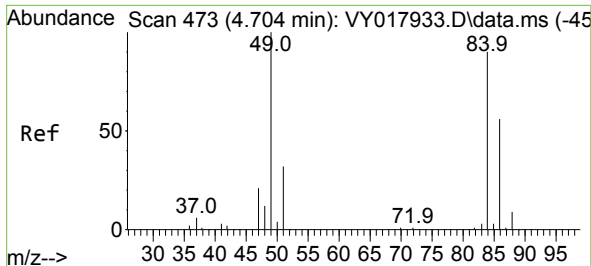
Tgt Ion: 43 Resp: 3073

Ion Ratio Lower Upper

43 100

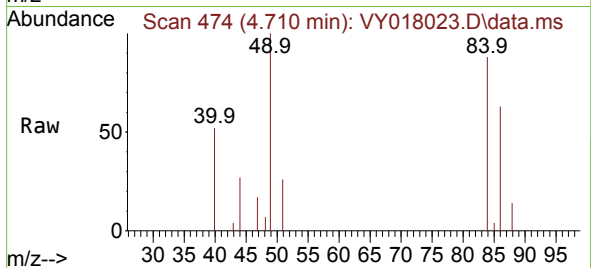
58 44.0 31.7 47.5



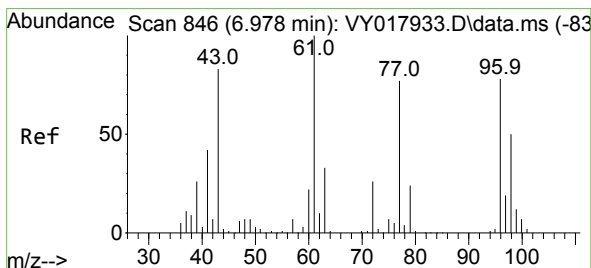
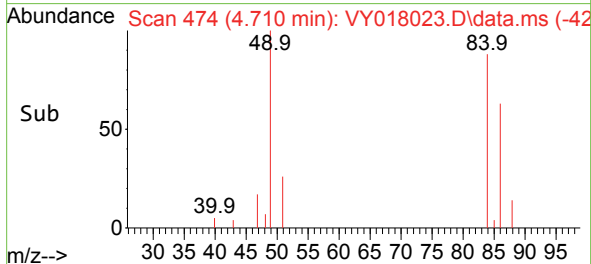
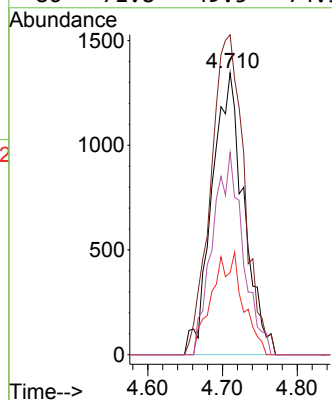


#20
Methylene Chloride
Concen: 8.770 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018023.D
Acq: 23 Apr 2024 13:37

Instrument :
MSVOA_Y
ClientSampleId :

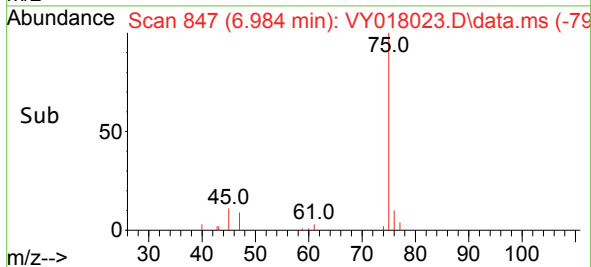
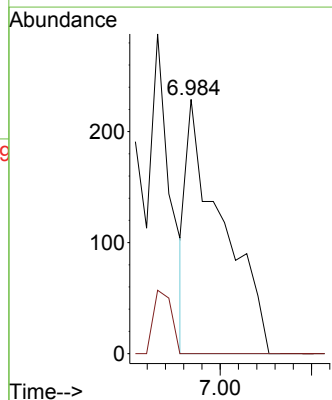
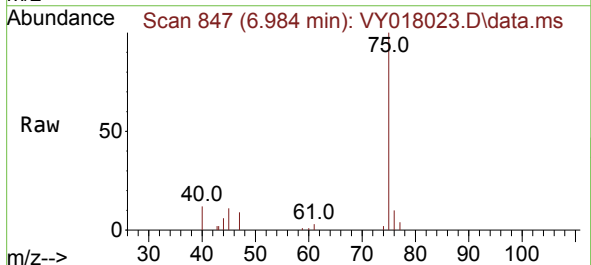


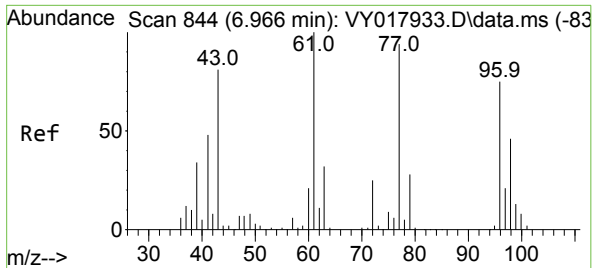
Tgt Ion:	84	Resp:	3995
Ion	Ratio	Lower	Upper
84	100		
49	113.5	84.4	126.6
51	29.1	26.0	39.0
86	71.8	49.5	74.3



#25
2-Butanone
Concen: 3.137 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY018023.D
Acq: 23 Apr 2024 13:37

Tgt Ion:	43	Resp:	310
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#





#26

2,2-Dichloropropane

Concen: 1.595 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.012 min

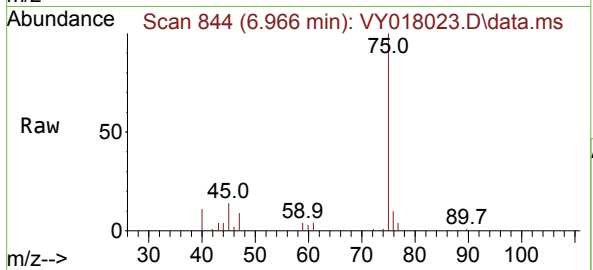
Lab File: VY018023.D

Acq: 23 Apr 2024 13:37

Instrument :

MSVOA_Y

ClientSampleId :

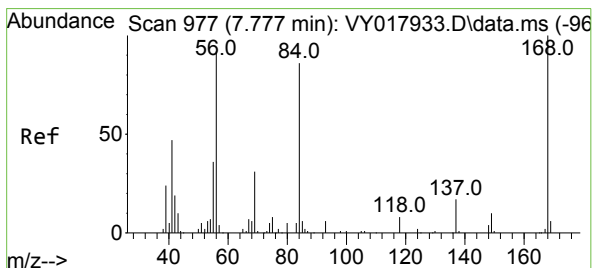
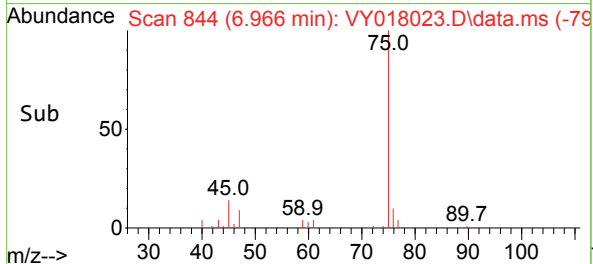
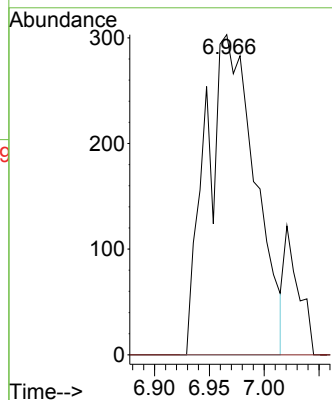


Tgt Ion: 77 Resp: 941

Ion Ratio Lower Upper

77 100

97 0.0 12.0 36.1#



#31

Cyclohexane

Concen: 1.228 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY018023.D

Acq: 23 Apr 2024 13:37

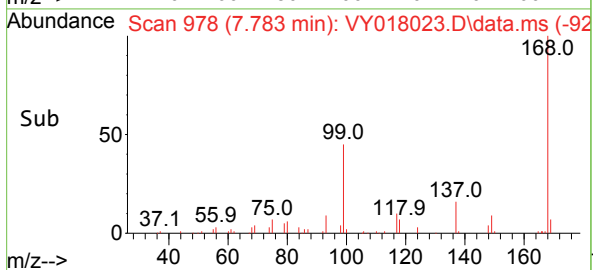
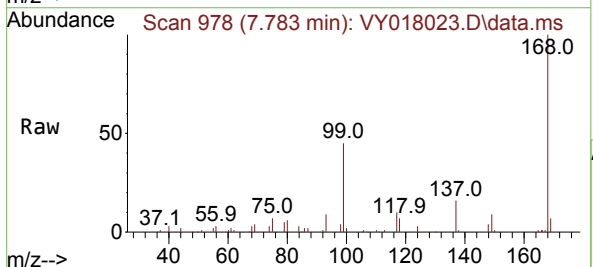
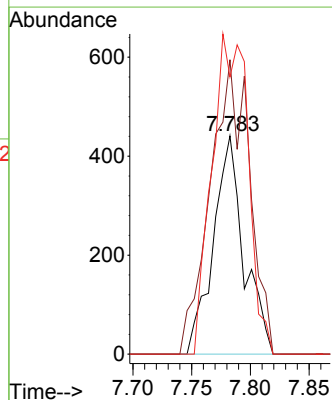
Tgt Ion: 56 Resp: 799

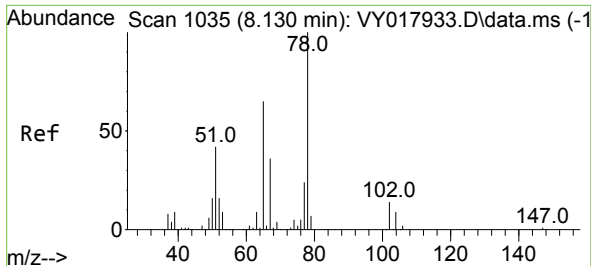
Ion Ratio Lower Upper

56 100

69 134.9 28.7 43.1#

84 127.0 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 49.570 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY018023.D

Acq: 23 Apr 2024 13:37

Instrument :

MSVOA_Y

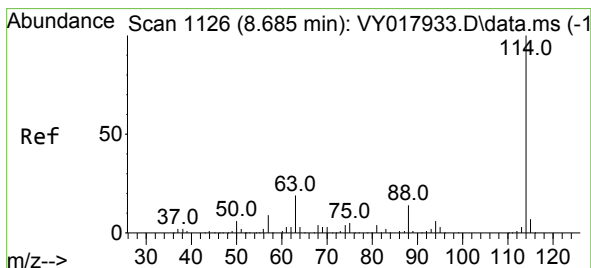
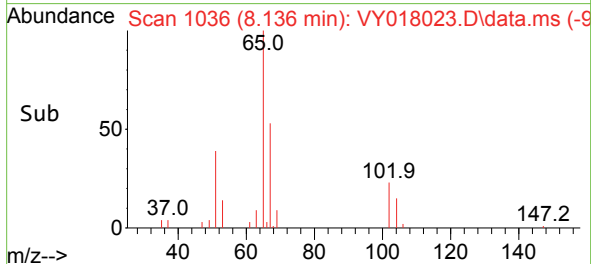
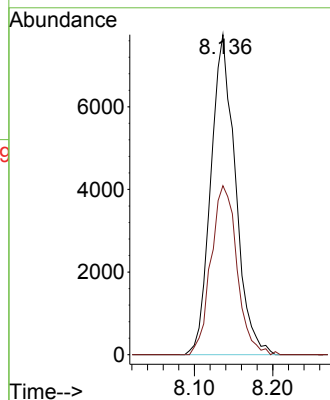
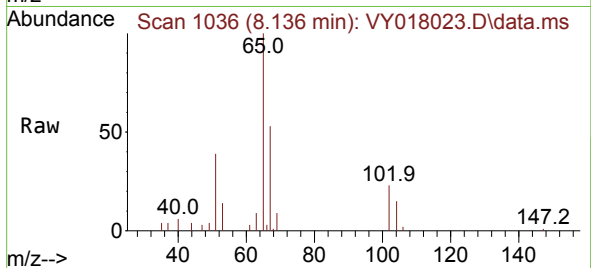
ClientSampleId :

Tgt Ion: 65 Resp: 16869

Ion Ratio Lower Upper

65 100

67 55.9 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: VY018023.D

Acq: 23 Apr 2024 13:37

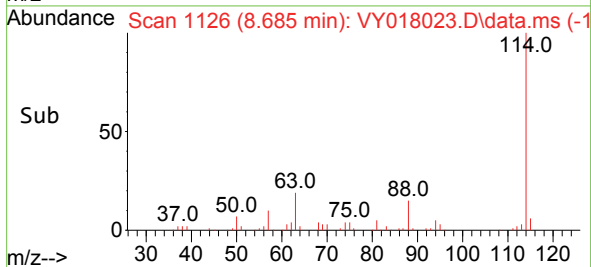
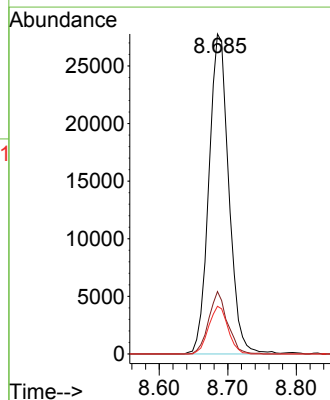
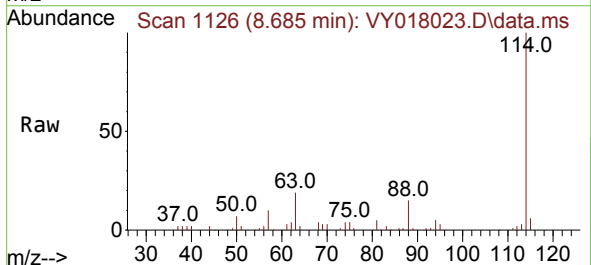
Tgt Ion: 114 Resp: 56046

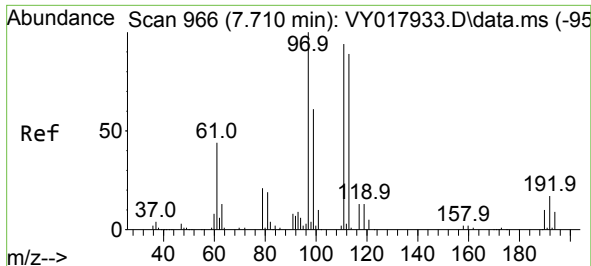
Ion Ratio Lower Upper

114 100

63 19.5 0.0 35.0

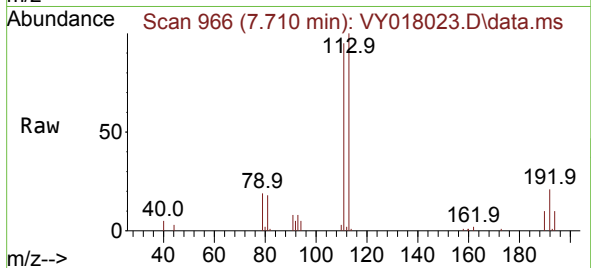
88 14.9 0.0 27.2



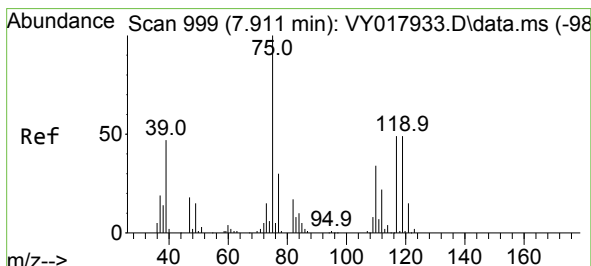
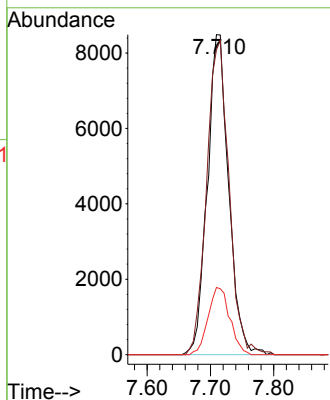
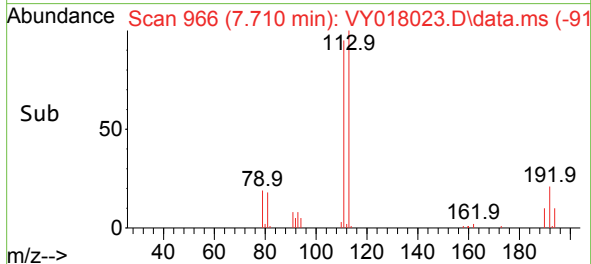


#35
Dibromofluoromethane
Concen: 57.553 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.012 min
Lab File: VY018023.D
Acq: 23 Apr 2024 13:37

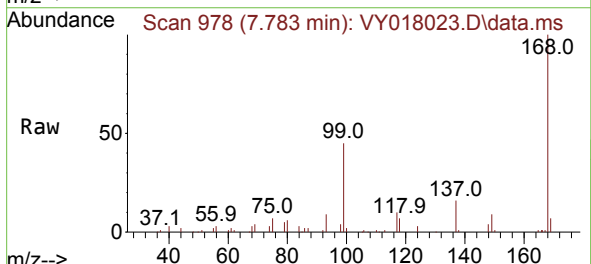
Instrument :
MSVOA_Y
ClientSampleId :



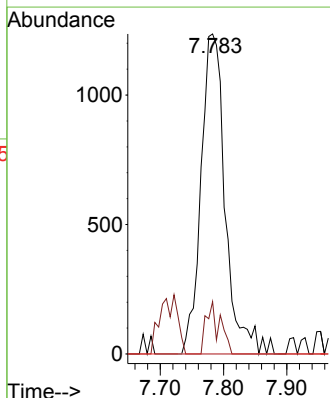
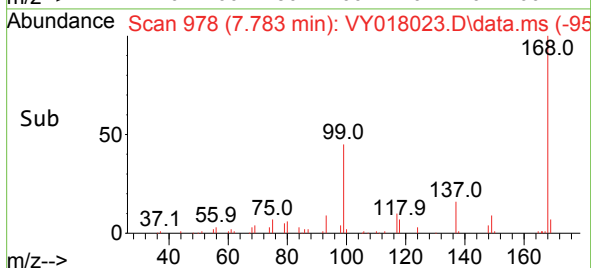
Tgt Ion:113 Resp: 19900
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 21.4 15.9 23.9

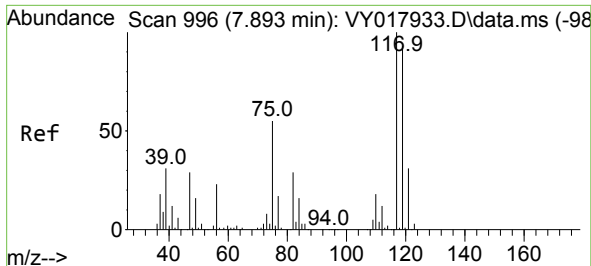


#36
1,1-Dichloropropene
Concen: 6.576 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY018023.D
Acq: 23 Apr 2024 13:37



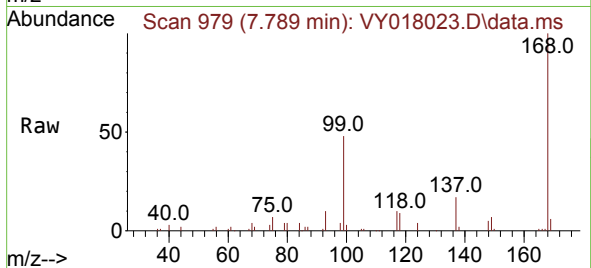
Tgt Ion: 75 Resp: 3307
Ion Ratio Lower Upper
75 100
110 9.3 19.0 57.0#
77 0.0 25.3 37.9#



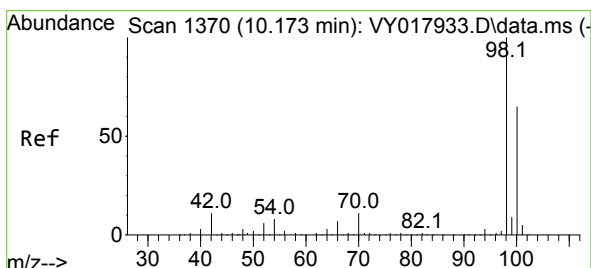
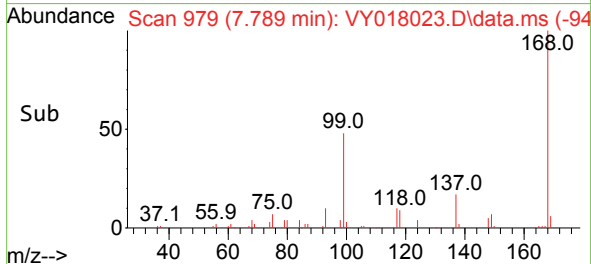
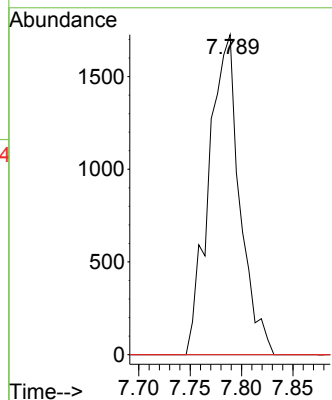


#38
Carbon Tetrachloride
Concen: 7.108 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018023.D
Acq: 23 Apr 2024 13:37

Instrument :
MSVOA_Y
ClientSampleId :

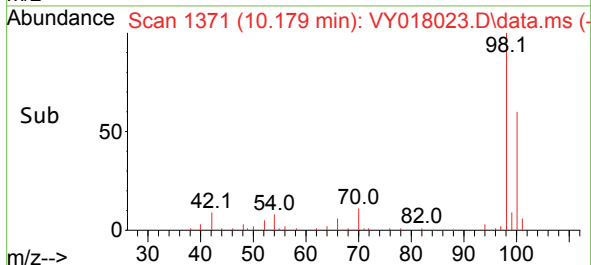
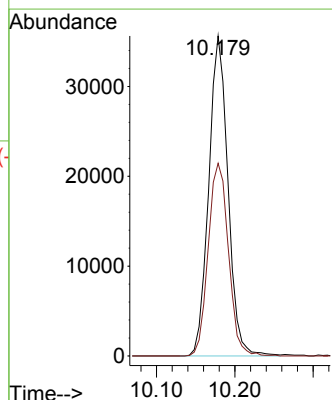
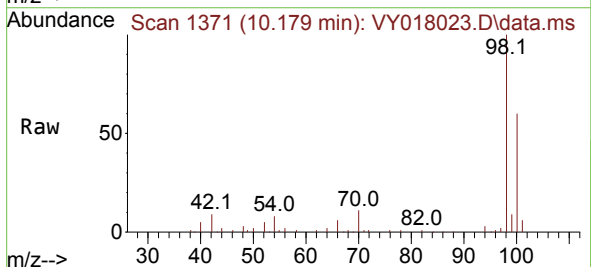


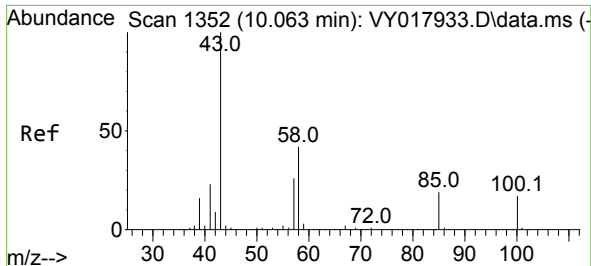
Tgt Ion:117 Resp: 3611
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 46.304 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018023.D
Acq: 23 Apr 2024 13:37

Tgt Ion: 98 Resp: 60752
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0

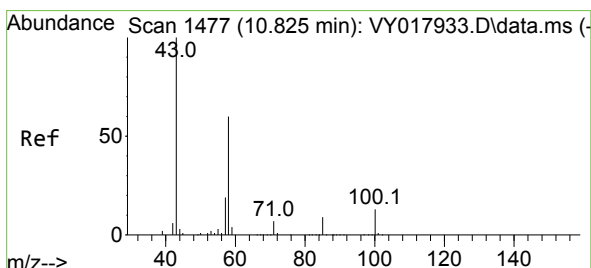
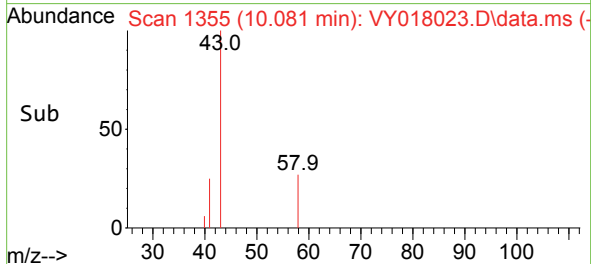
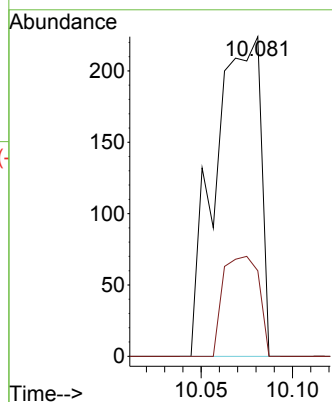
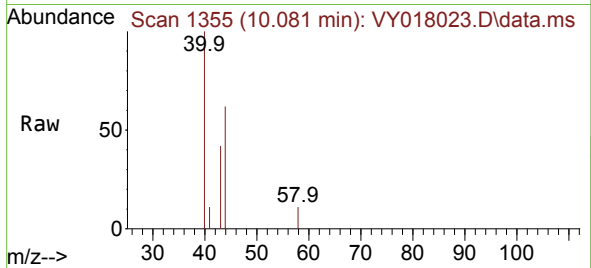




#51
4-Methyl-2-Pentanone
Concen: 1.898 ug/l
RT: 10.081 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY018023.D
Acq: 23 Apr 2024 13:37

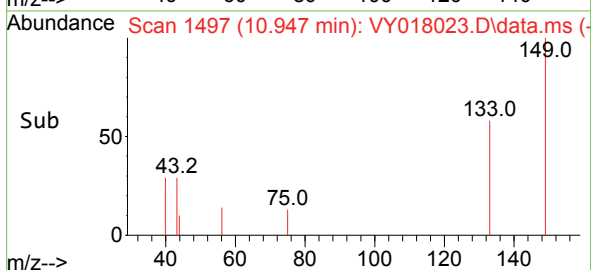
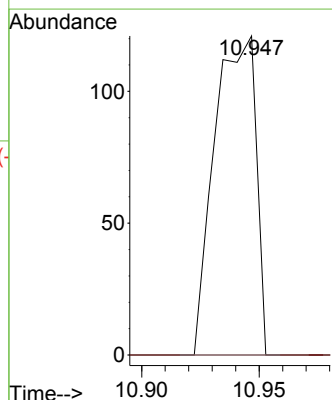
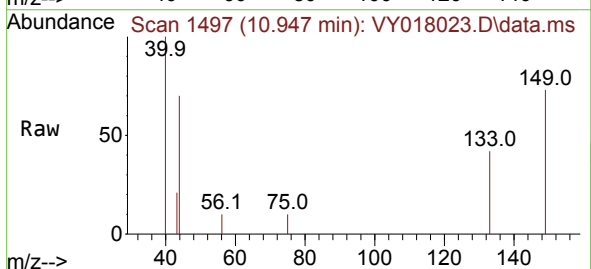
Instrument :
MSVOA_Y
ClientSampleId :

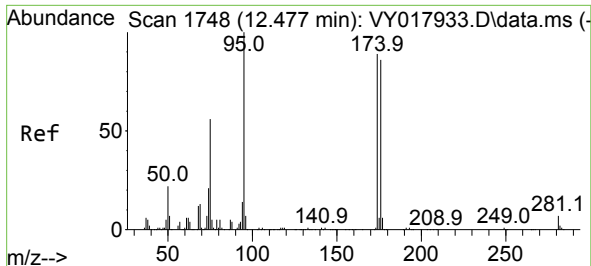
Tgt Ion: 43 Resp: 388
Ion Ratio Lower Upper
43 100
58 24.5 35.7 53.5#



#59
2-Hexanone
Concen: 1.060 ug/l
RT: 10.947 min Scan# 1497
Delta R.T. 0.116 min
Lab File: VY018023.D
Acq: 23 Apr 2024 13:37

Tgt Ion: 43 Resp: 148
Ion Ratio Lower Upper
43 100
58 0.0 31.4 94.0#

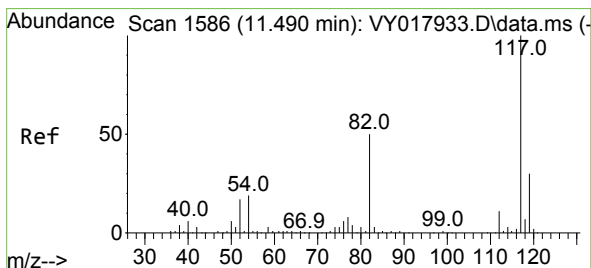
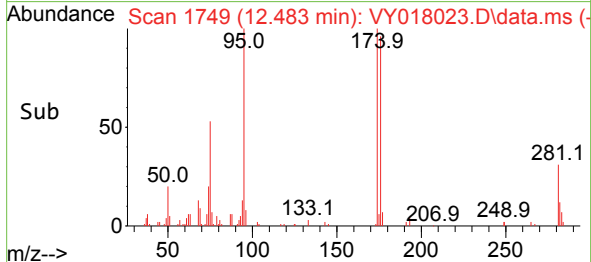
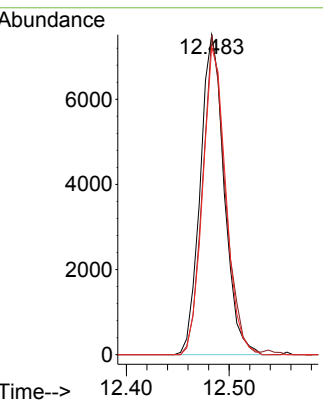
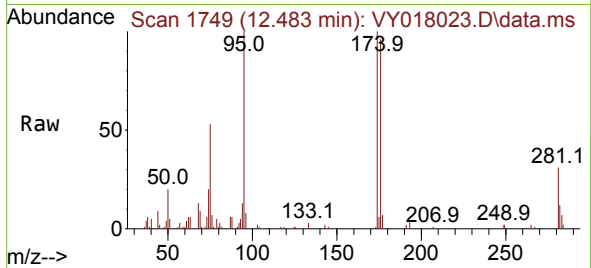




#62
4-Bromofluorobenzene
Concen: 29.941 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018023.D
Acq: 23 Apr 2024 13:37

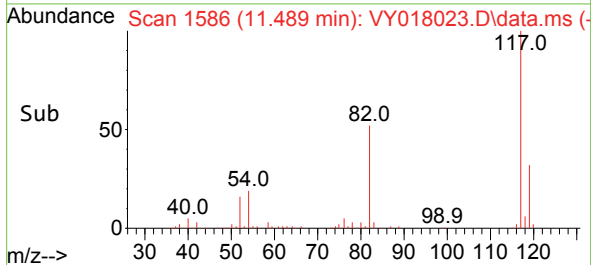
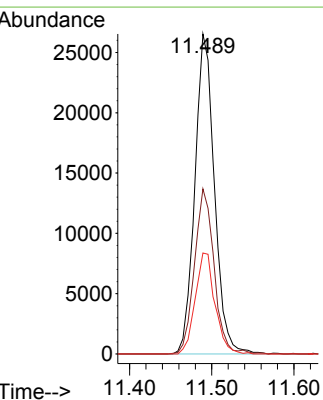
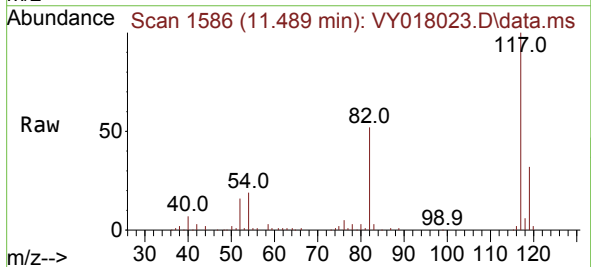
Instrument :
MSVOA_Y
ClientSampleId :

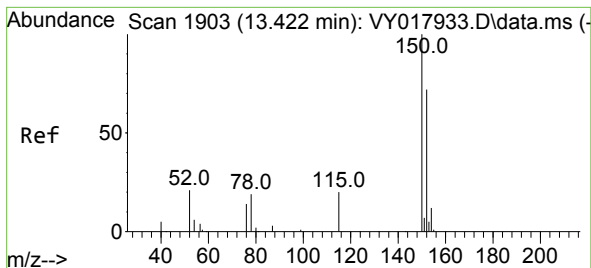
Tgt Ion:	95	Resp:	12166
Ion Ratio	Lower	Upper	
95	100		
174	93.9	0.0	175.6
176	92.7	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018023.D
Acq: 23 Apr 2024 13:37

Tgt Ion:	117	Resp:	43955
Ion Ratio	Lower	Upper	
117	100		
82	51.6	42.4	63.6
119	31.5	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018023.D

Acq: 23 Apr 2024 13:37

Instrument :

MSVOA_Y

ClientSampleId :

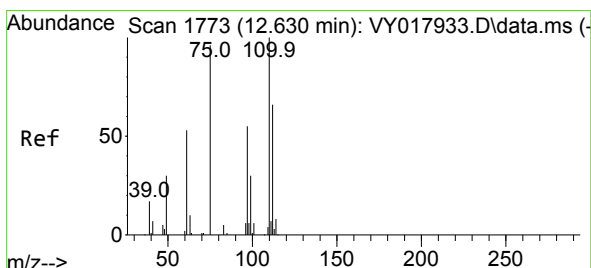
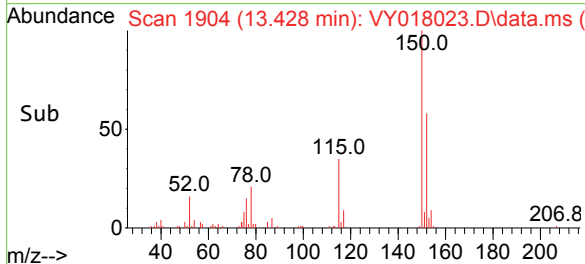
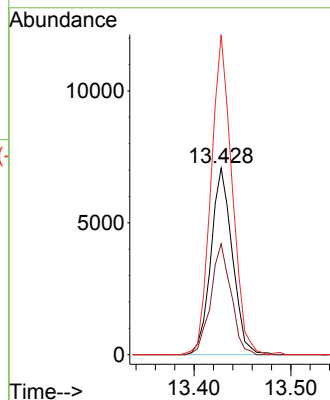
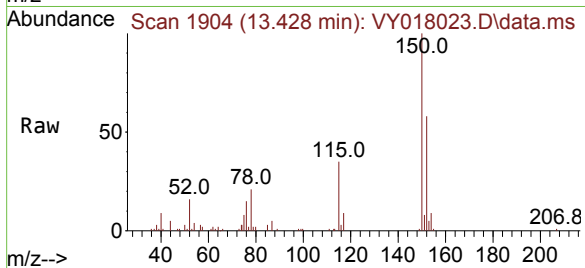
Tgt Ion:152 Resp: 10900

Ion Ratio Lower Upper

152 100

115 56.1 28.2 84.7

150 167.8 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 58.905 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY018023.D

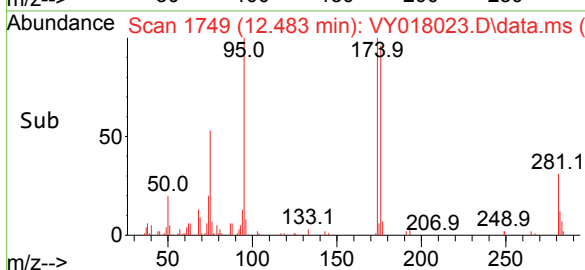
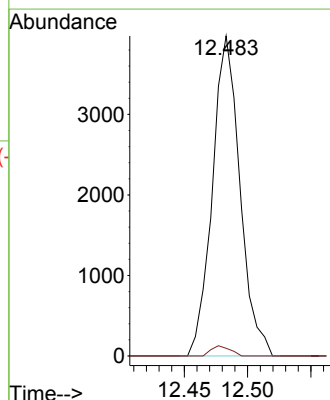
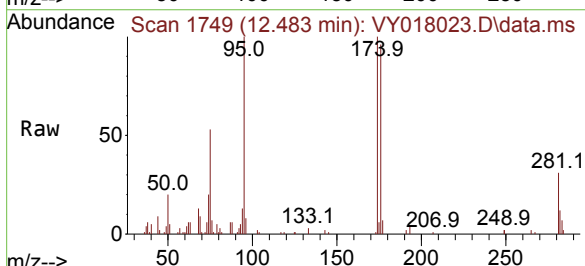
Acq: 23 Apr 2024 13:37

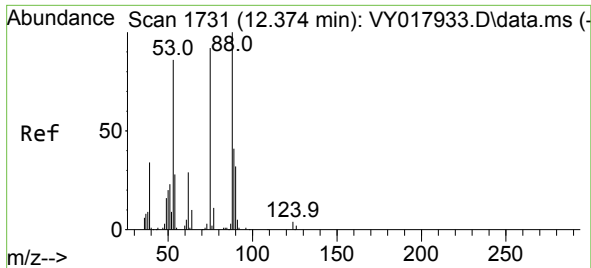
Tgt Ion: 75 Resp: 6025

Ion Ratio Lower Upper

75 100

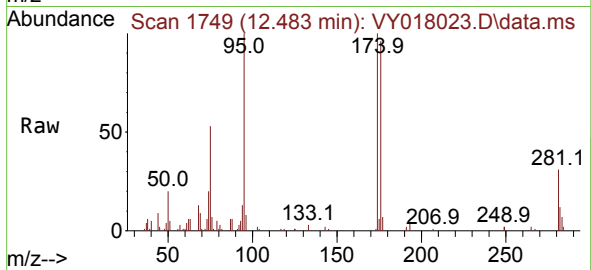
77 2.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.451 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018023.D
 Acq: 23 Apr 2024 13:37

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	6025
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

