

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042324\
 Data File : VY018022.D
 Acq On : 23 Apr 2024 12:37
 Operator : SY/MD
 Sample : P2225-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 24 01:14:06 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)

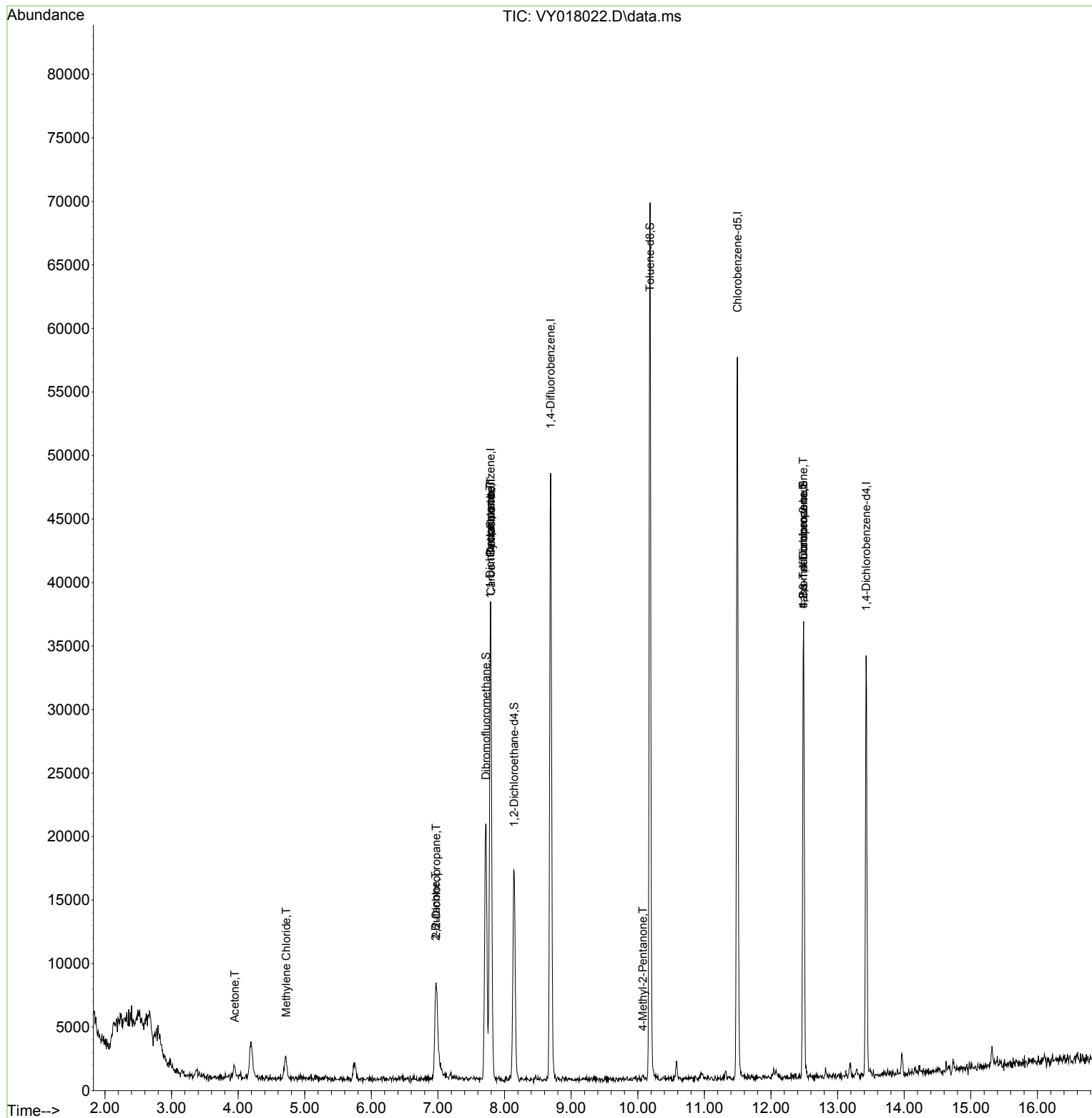
Internal Standards						
1) Pentafluorobenzene	7.789	168	30757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	44868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	32847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	13548	50.901	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.800%			
35) Dibromofluoromethane	7.722	113	15756	56.920	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.840%			
50) Toluene-d8	10.185	98	48456	46.133	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 92.260%			
62) 4-Bromofluorobenzene	12.483	95	9905	30.449	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 60.900%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.936	59	147	Below Cal #		88
16) Acetone	3.948	43	1722	32.743 ug/l		93
20) Methylene Chloride	4.723	84	1485	4.168 ug/l #		68
25) 2-Butanone	6.966	43	268	3.467 ug/l #		41
26) 2,2-Dichloropropane	6.972	77	672	1.456 ug/l #		51
31) Cyclohexane	7.789	56	564	1.109 ug/l #		1
36) 1,1-Dichloropropene	7.783	75	2523	6.267 ug/l #		44
38) Carbon Tetrachloride	7.795	117	2978	7.322 ug/l #		13
51) 4-Methyl-2-Pentanone	10.075	43	299	1.827 ug/l #		31
76) 1,2,3-Trichloropropane	12.483	75	4983	59.968 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.483	75	4983	123.644 ug/l #		16

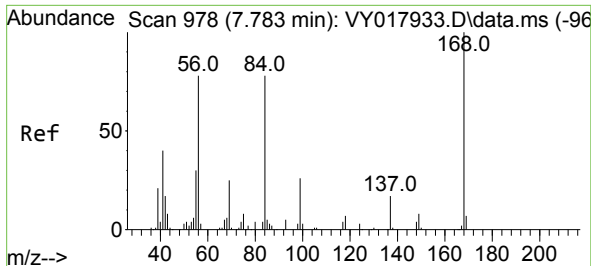
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042324\
Data File : VY018022.D
Acq On : 23 Apr 2024 12:37
Operator : SY/MD
Sample : P2225-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 24 01:14:06 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

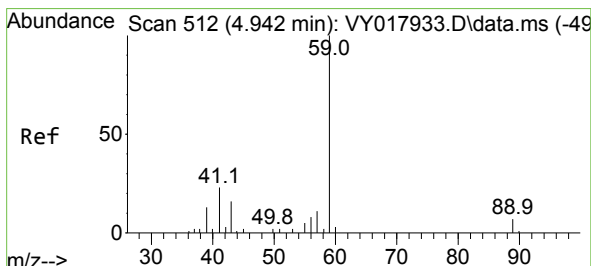
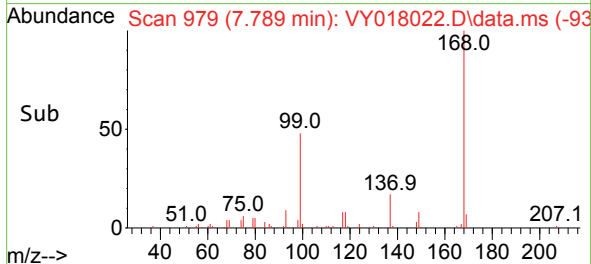
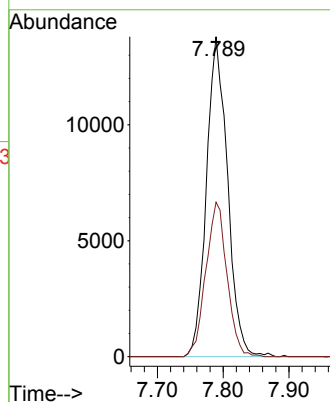
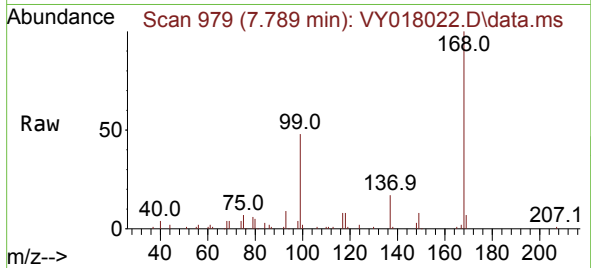




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018022.D
Acq: 23 Apr 2024 12:37

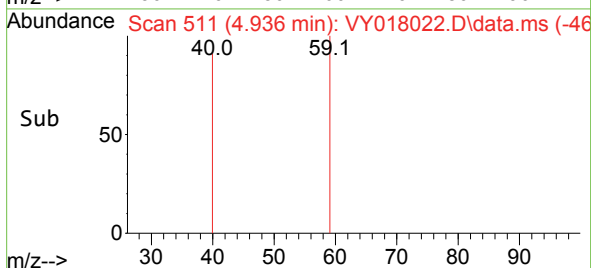
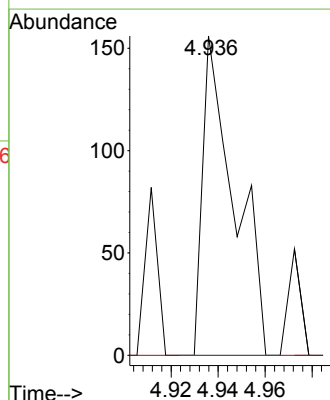
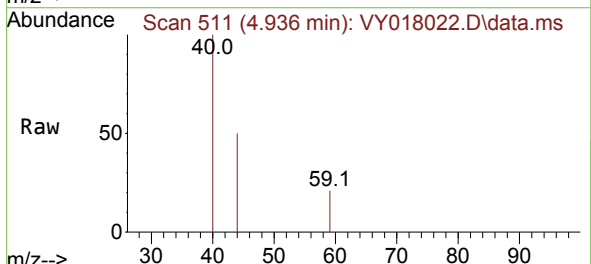
Instrument :
MSVOA_Y
ClientSampleId :

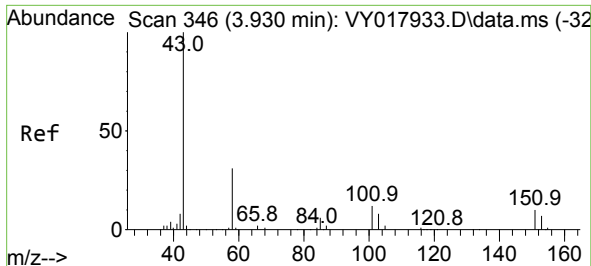
Tgt Ion:168 Resp: 30757
Ion Ratio Lower Upper
168 100
99 48.3 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY018022.D
Acq: 23 Apr 2024 12:37

Tgt Ion: 59 Resp: 147
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 32.743 ug/l

RT: 3.948 min Scan# 346

Delta R.T. 0.000 min

Lab File: VY018022.D

Acq: 23 Apr 2024 12:37

Instrument :

MSVOA_Y

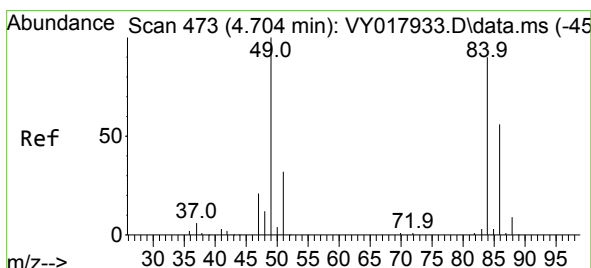
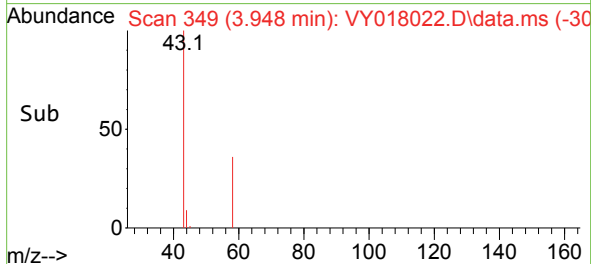
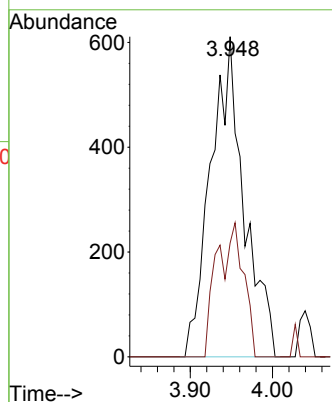
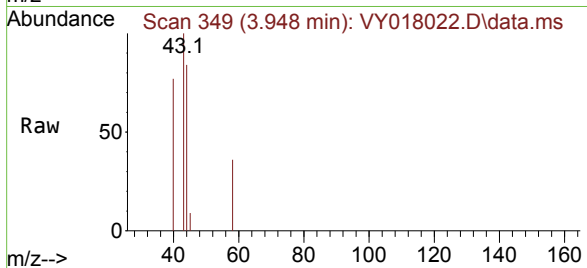
ClientSampleId :

Tgt Ion: 43 Resp: 1722

Ion Ratio Lower Upper

43 100

58 35.5 31.7 47.5



#20

Methylene Chloride

Concen: 4.168 ug/l

RT: 4.723 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY018022.D

Acq: 23 Apr 2024 12:37

Tgt Ion: 84 Resp: 1485

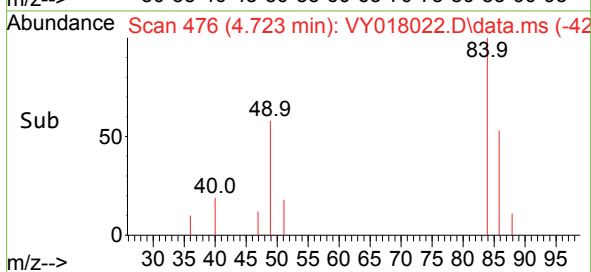
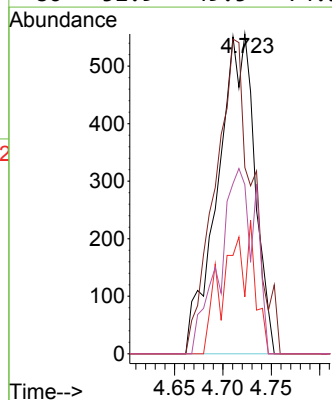
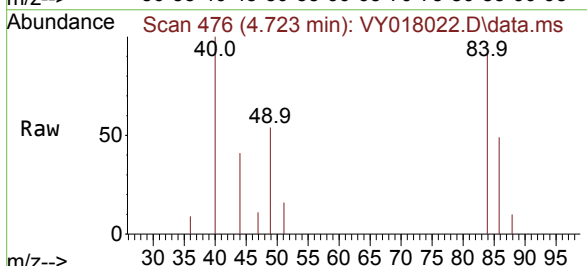
Ion Ratio Lower Upper

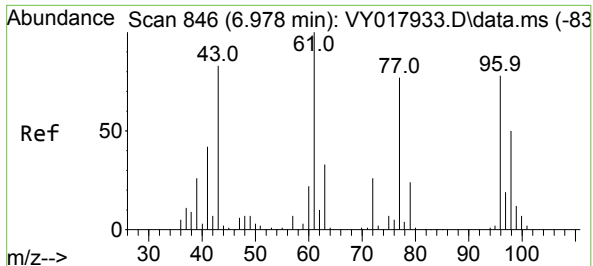
84 100

49 58.3 84.4 126.6#

51 17.8 26.0 39.0#

86 52.9 49.5 74.3





#25

2-Butanone

Concen: 3.467 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.018 min

Lab File: VY018022.D

Acq: 23 Apr 2024 12:37

Instrument :

MSVOA_Y

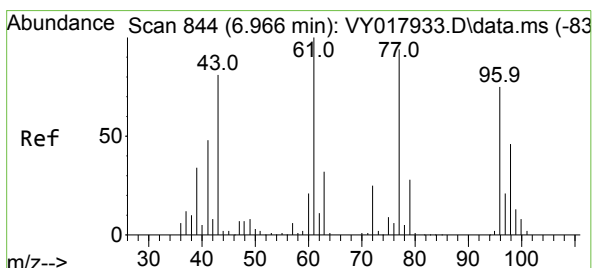
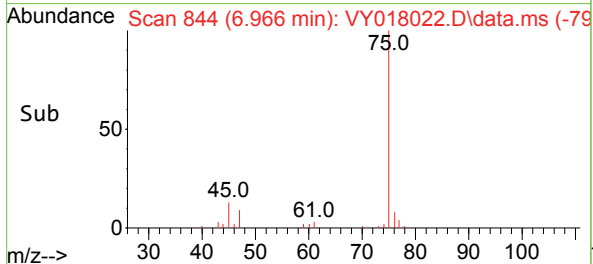
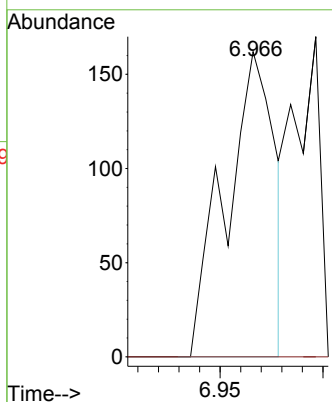
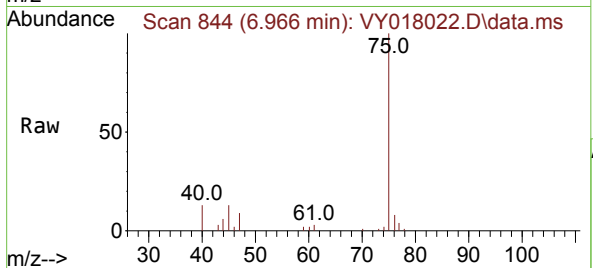
ClientSampleId :

Tgt Ion: 43 Resp: 268

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 1.456 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY018022.D

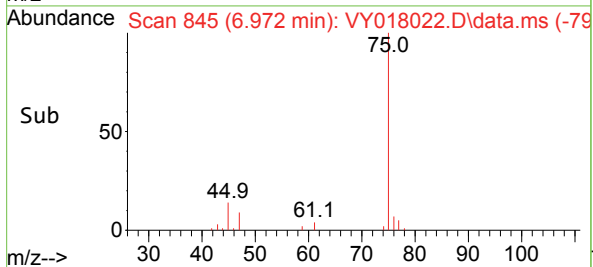
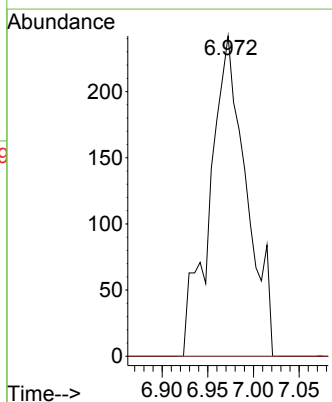
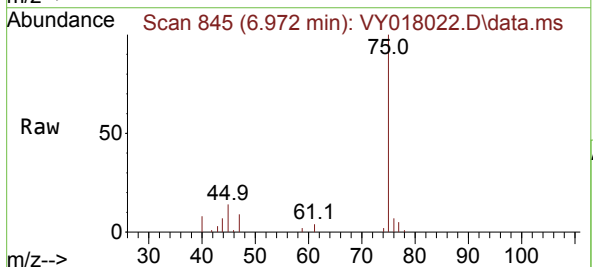
Acq: 23 Apr 2024 12:37

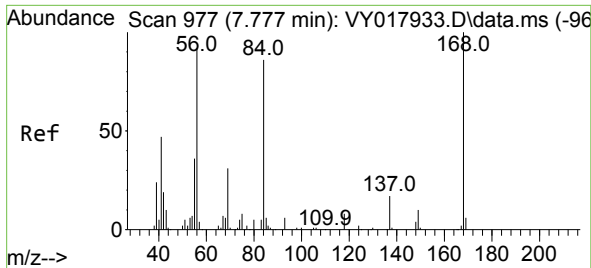
Tgt Ion: 77 Resp: 672

Ion Ratio Lower Upper

77 100

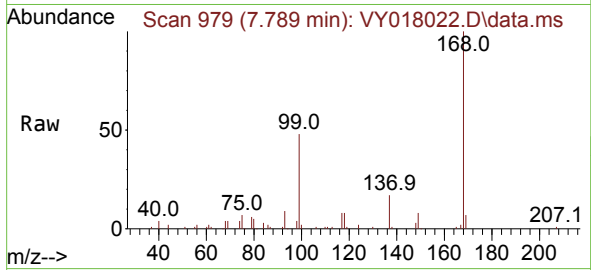
97 0.0 12.0 36.1#



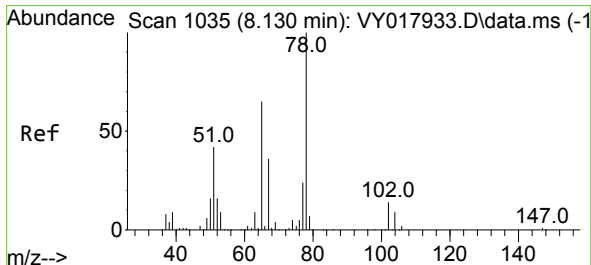
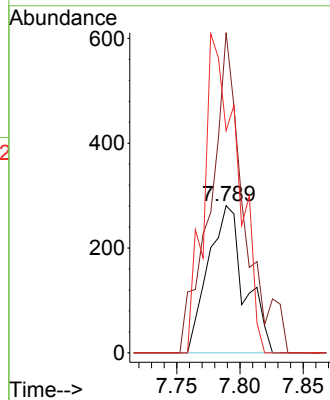
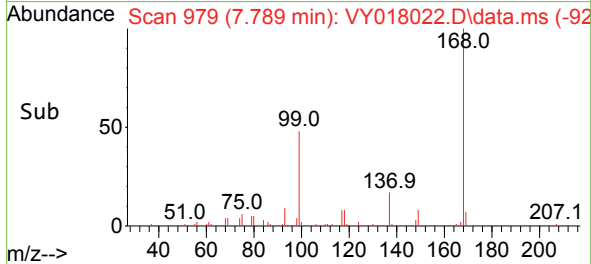


#31
Cyclohexane
Concen: 1.109 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018022.D
Acq: 23 Apr 2024 12:37

Instrument :
MSVOA_Y
ClientSampleId :

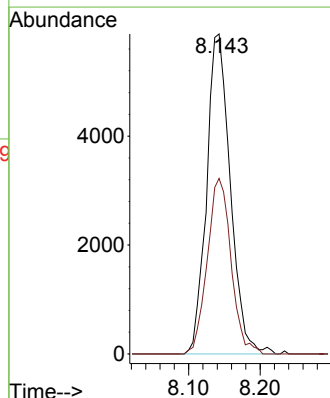
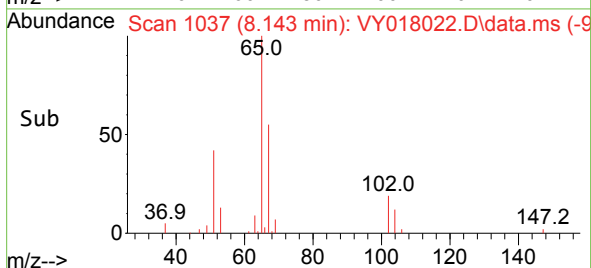
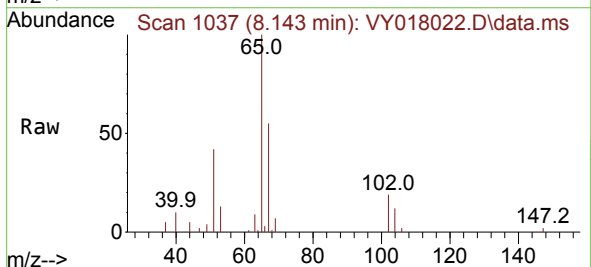


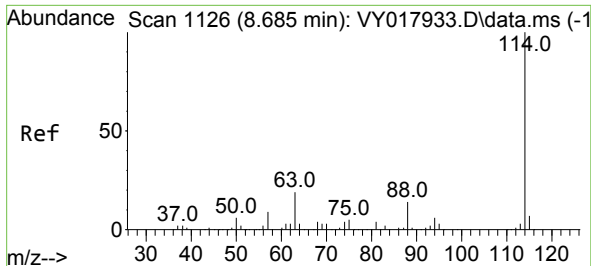
Tgt Ion: 56 Resp: 564
Ion Ratio Lower Upper
56 100
69 217.4 28.7 43.1#
84 150.9 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 50.901 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY018022.D
Acq: 23 Apr 2024 12:37

Tgt Ion: 65 Resp: 13548
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.6

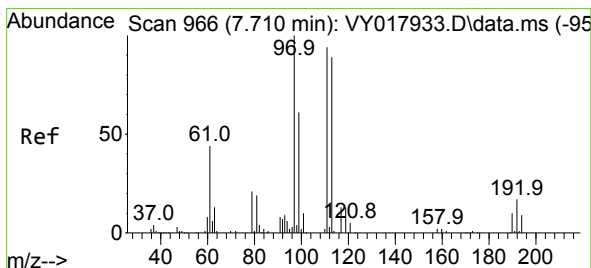
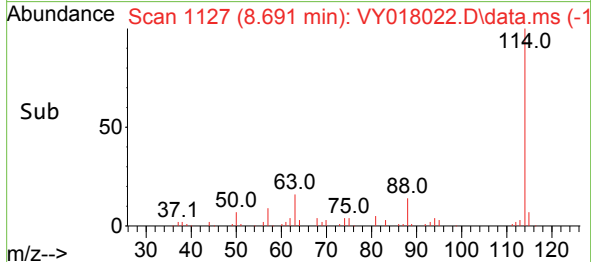
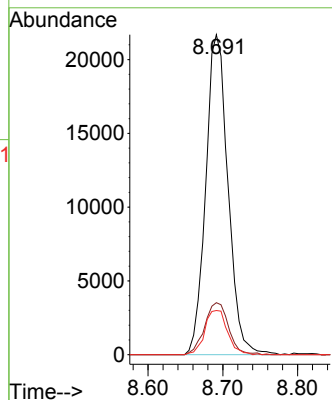
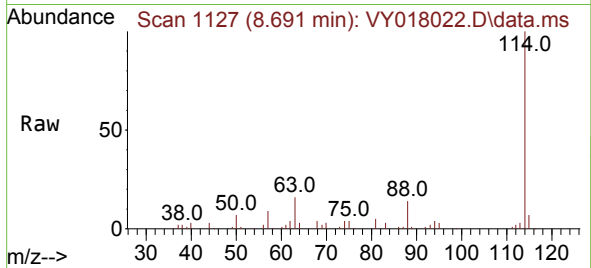




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY018022.D
Acq: 23 Apr 2024 12:37

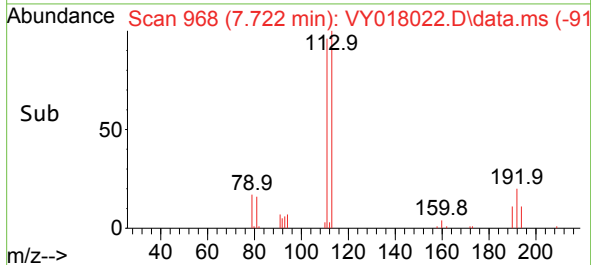
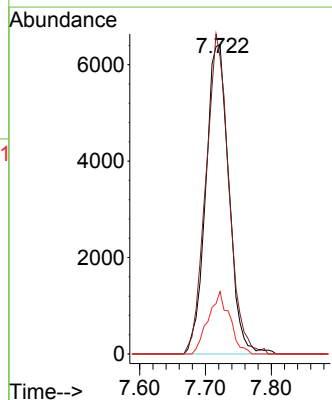
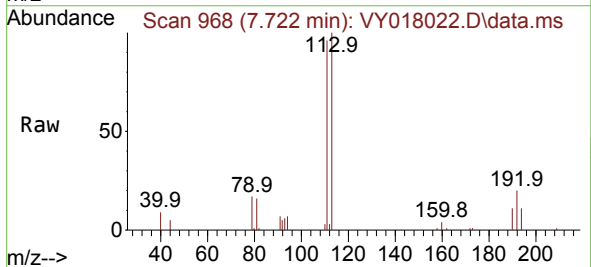
Instrument :
MSVOA_Y
ClientSampleId :

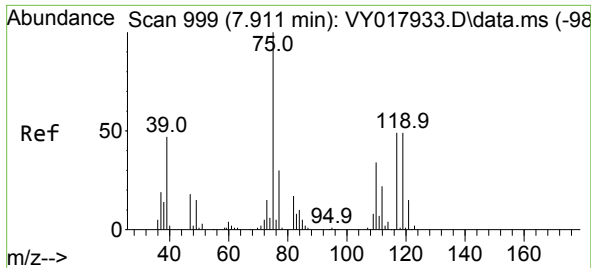
Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.2	0.0	35.0
88	13.8	0.0	27.2



#35
Dibromofluoromethane
Concen: 56.920 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY018022.D
Acq: 23 Apr 2024 12:37

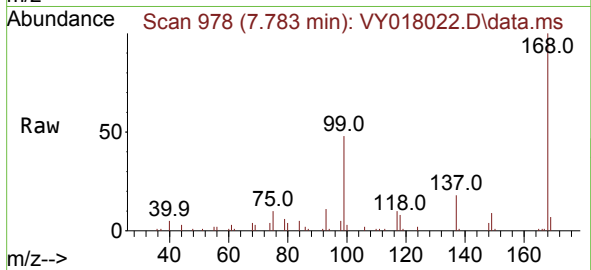
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	18.7	15.9	23.9



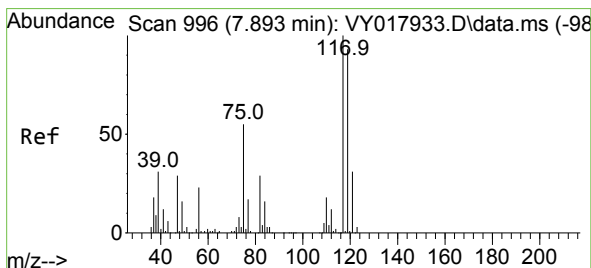
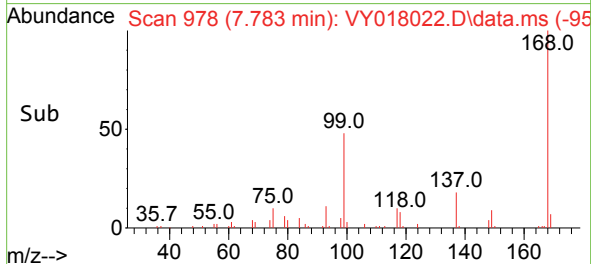
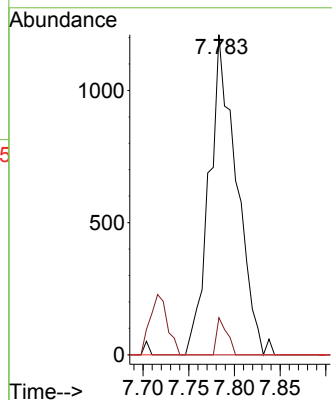


#36
1,1-Dichloropropene
Concen: 6.267 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018022.D
Acq: 23 Apr 2024 12:37

Instrument :
MSVOA_Y
ClientSampleId :

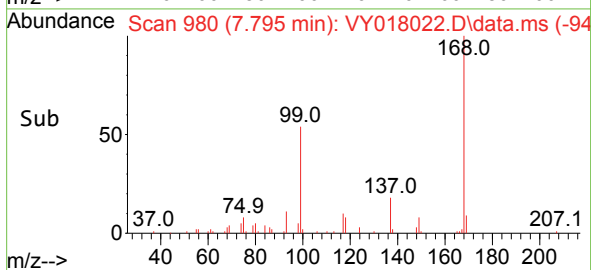
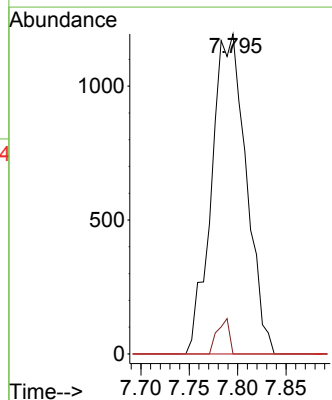
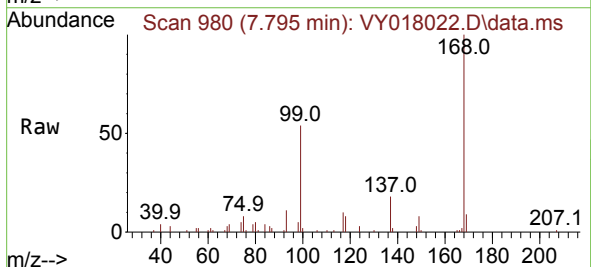


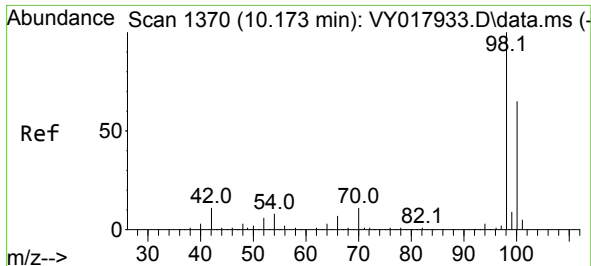
Tgt Ion: 75 Resp: 2523
Ion Ratio Lower Upper
75 100
110 4.4 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 7.322 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.109 min
Lab File: VY018022.D
Acq: 23 Apr 2024 12:37

Tgt Ion: 117 Resp: 2978
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#

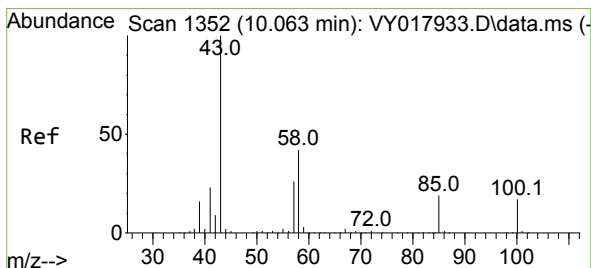
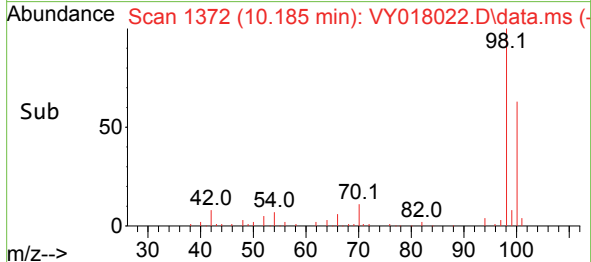
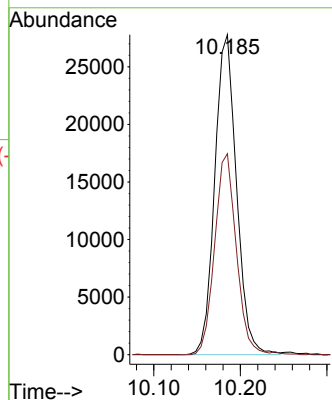
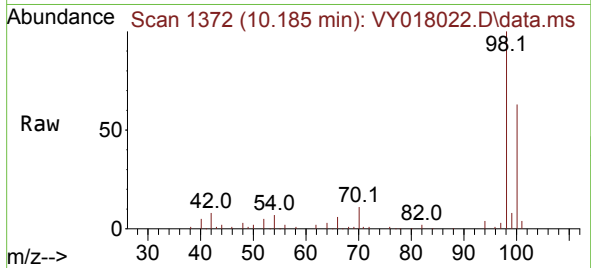




#50
Toluene-d8
Concen: 46.133 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018022.D
Acq: 23 Apr 2024 12:37

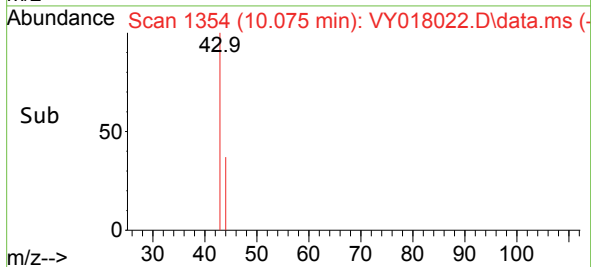
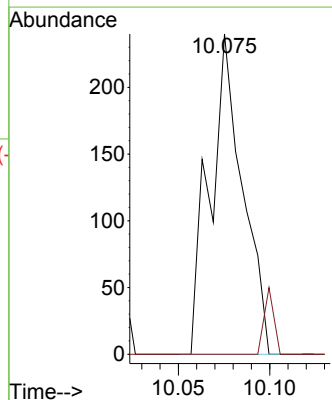
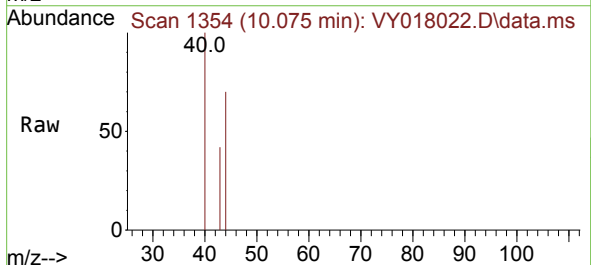
Instrument :
MSVOA_Y
ClientSampleId :

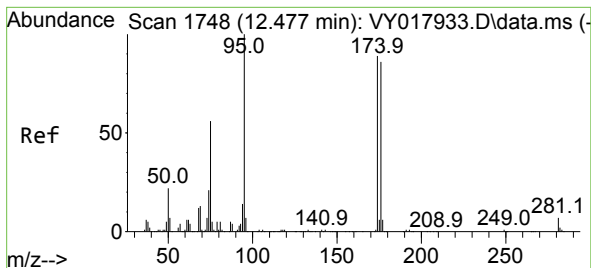
Tgt Ion: 98 Resp: 48456
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.827 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY018022.D
Acq: 23 Apr 2024 12:37

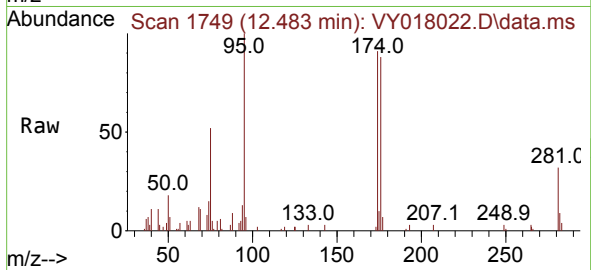
Tgt Ion: 43 Resp: 299
Ion Ratio Lower Upper
43 100
58 0.0 35.7 53.5#



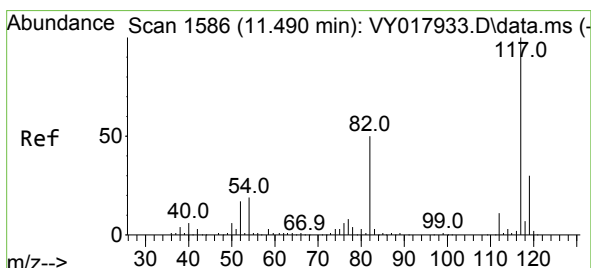
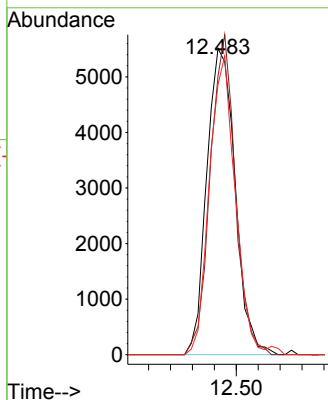
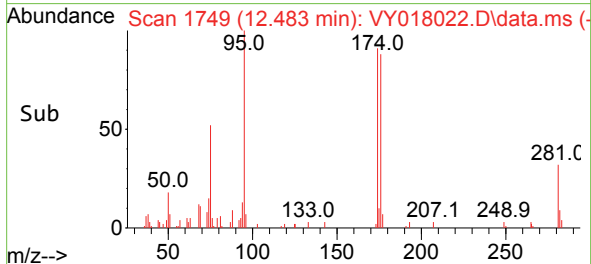


#62
4-Bromofluorobenzene
Concen: 30.449 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018022.D
Acq: 23 Apr 2024 12:37

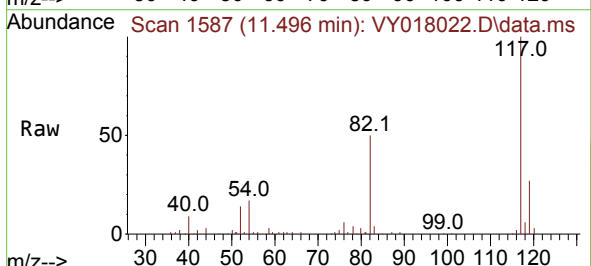
Instrument :
MSVOA_Y
ClientSampleId :



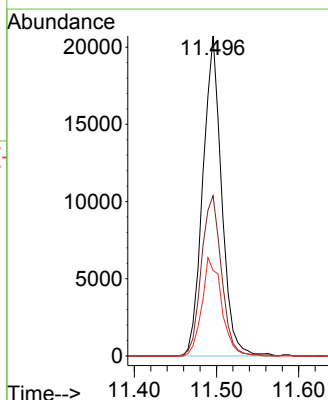
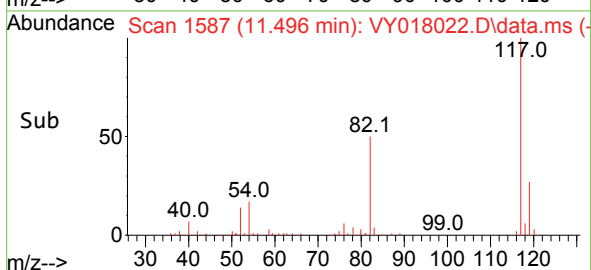
Tgt Ion: 95 Resp: 9905
Ion Ratio Lower Upper
95 100
174 92.0 0.0 175.6
176 89.6 0.0 171.4

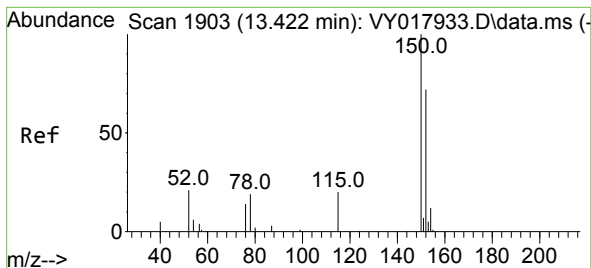


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY018022.D
Acq: 23 Apr 2024 12:37



Tgt Ion: 117 Resp: 32847
Ion Ratio Lower Upper
117 100
82 50.1 42.4 63.6
119 26.7 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: VY018022.D

Acq: 23 Apr 2024 12:37

Instrument :

MSVOA_Y

ClientSampleId :

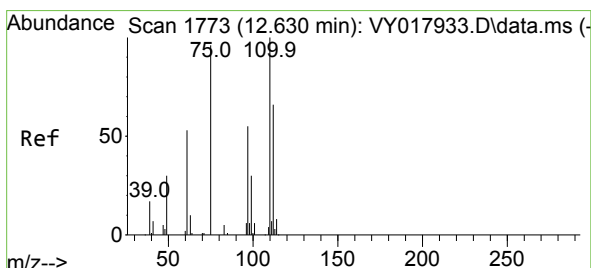
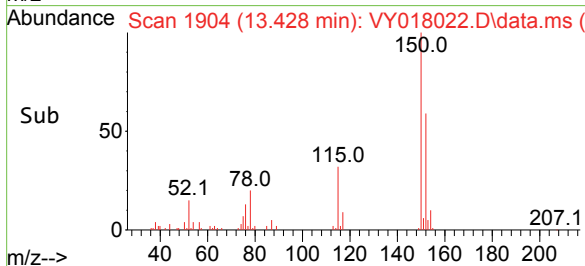
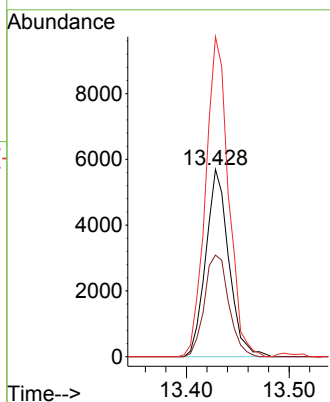
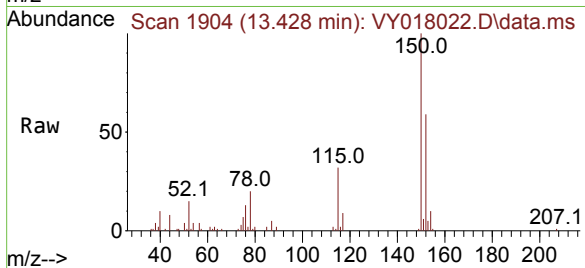
Tgt Ion:152 Resp: 8855

Ion Ratio Lower Upper

152 100

115 57.3 28.2 84.7

150 170.3 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 59.968 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY018022.D

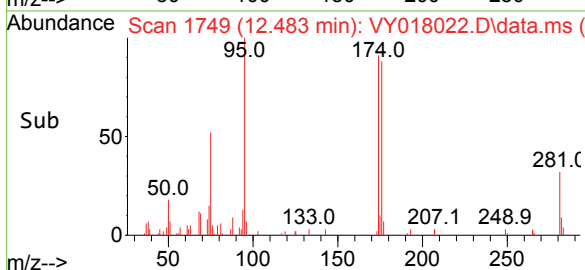
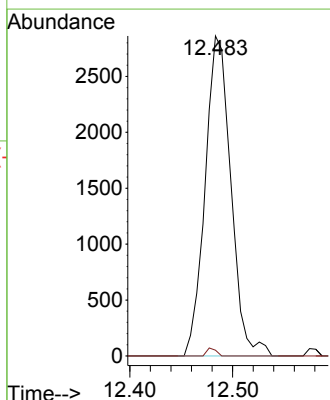
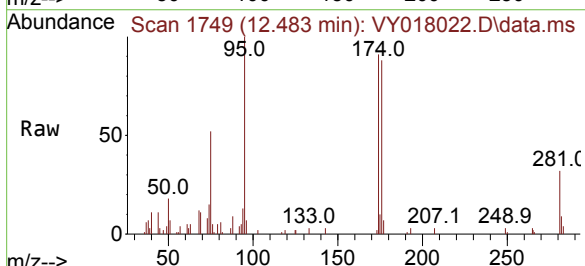
Acq: 23 Apr 2024 12:37

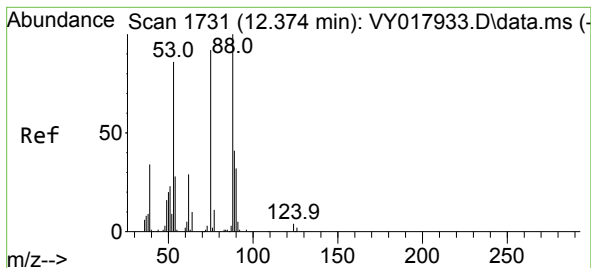
Tgt Ion: 75 Resp: 4983

Ion Ratio Lower Upper

75 100

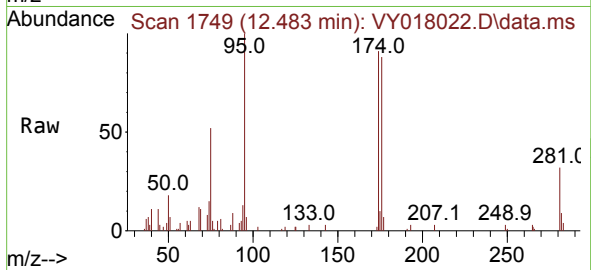
77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.644 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018022.D
 Acq: 23 Apr 2024 12:37

Instrument :
 MSVOA_Y
 ClientSampleId :



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

