

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062124\
 Data File : VY018668.D
 Acq On : 21 Jun 2024 14:45
 Operator : SY/MD
 Sample : P2995-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 21 23:00:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

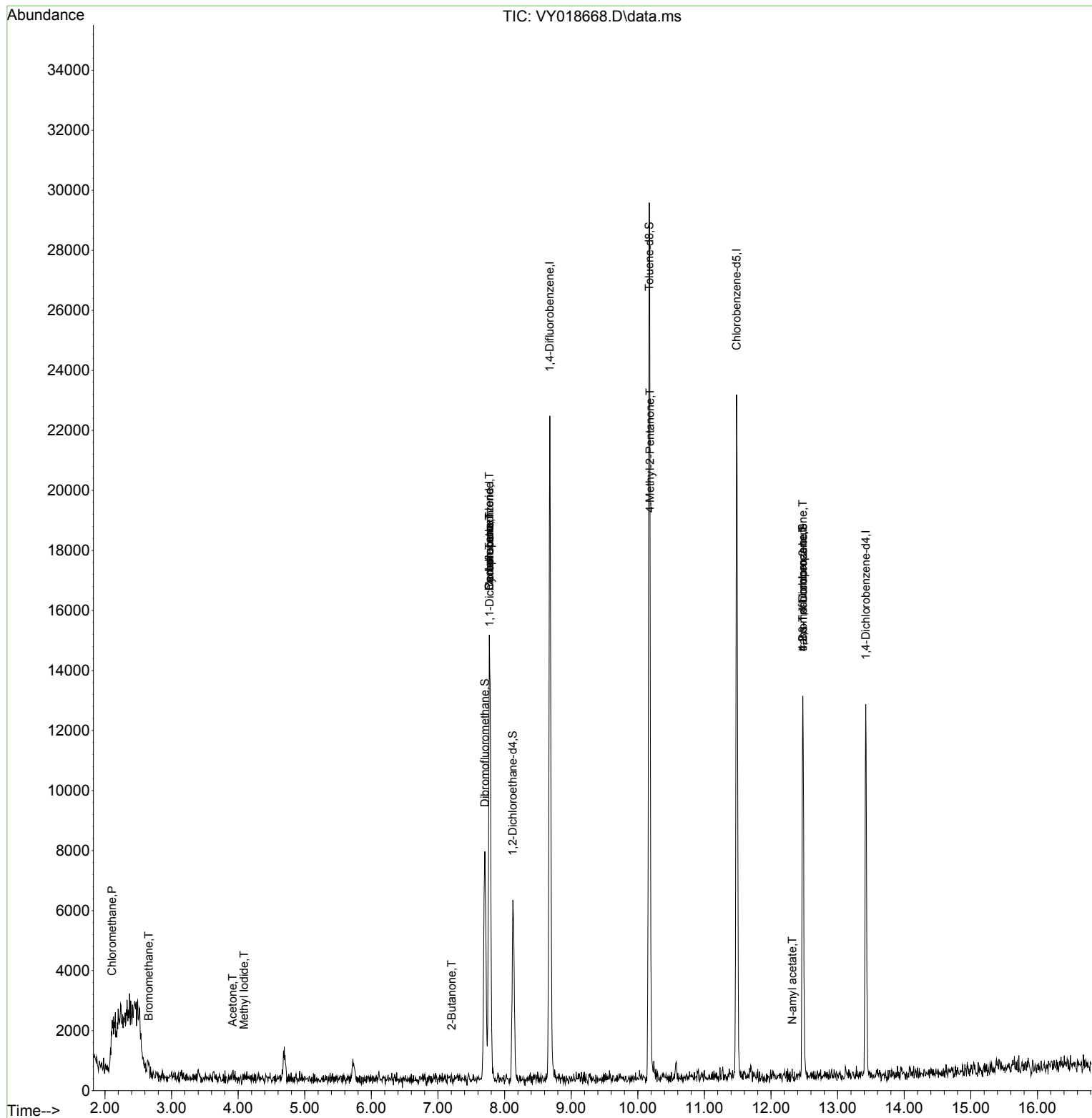
Internal Standards						
1) Pentafluorobenzene	7.771	168	11632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	18773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	12896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	3276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	4651	39.715	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.420%
35) Dibromofluoromethane	7.704	113	5756	50.263	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.520%
50) Toluene-d8	10.173	98	20055	45.538	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.080%
62) 4-Bromofluorobenzene	12.477	95	4185	30.094	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	60.180%
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	205	1.299	ug/l #	43
5) Bromomethane	2.656	94	275	1.893	ug/l #	3
10) Methyl Iodide	4.088	142	175	1.992	ug/l #	42
16) Acetone	3.918	43	127	5.330	ug/l #	36
20) Methylene Chloride	4.692	84	799	Below Cal	#	67
25) 2-Butanone	7.204	43	40	1.120	ug/l #	41
31) Cyclohexane	7.771	56	207	1.154	ug/l #	46
36) 1,1-Dichloropropene	7.777	75	901	5.716	ug/l #	40
38) Carbon Tetrachloride	7.771	117	1085	6.561	ug/l #	13
51) 4-Methyl-2-Pentanone	10.185	43	130	1.779	ug/l #	1
74) N-amyl acetate	12.319	43	51	1.041	ug/l #	37
76) 1,2,3-Trichloropropane	12.477	75	1904	61.958	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	1904	162.292	ug/l #	16

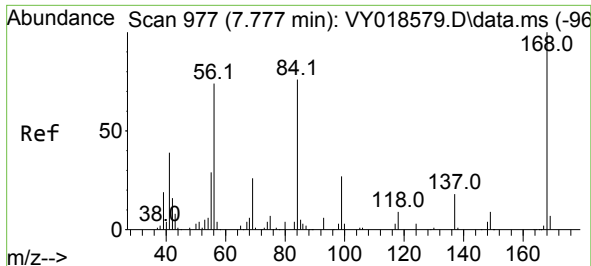
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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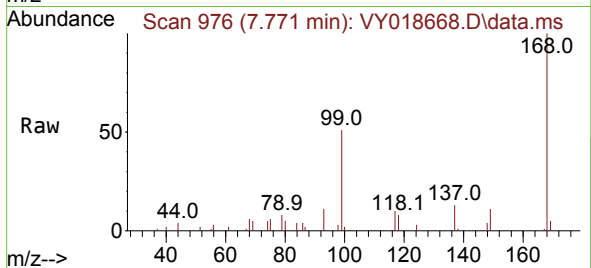
Quant Time: Jun 21 23:00:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
Response via : Initial Calibration



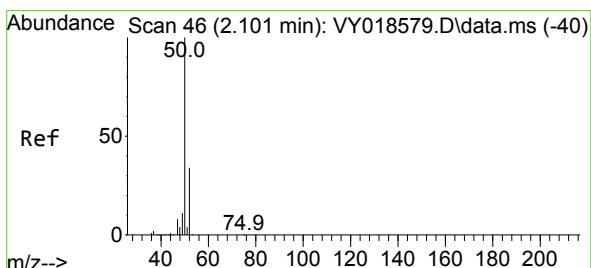
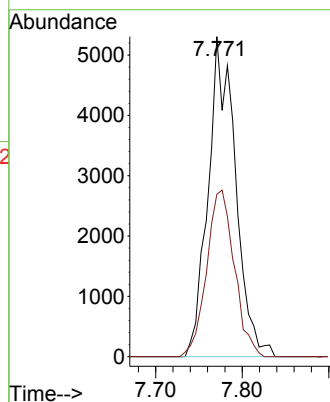
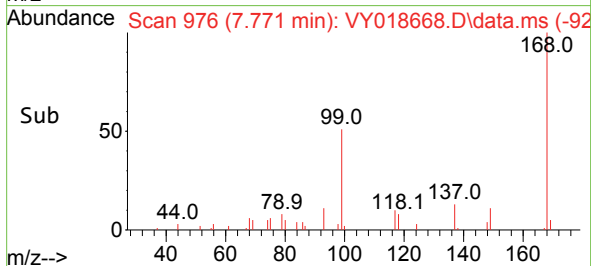


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018668.D
Acq: 21 Jun 2024 14:45

Instrument :
MSVOA_Y
ClientSampleId :

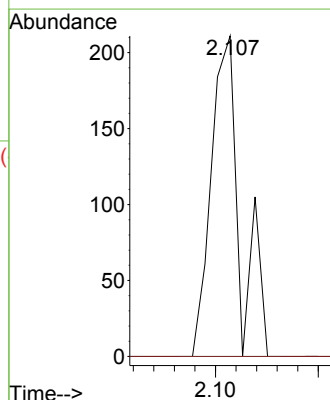
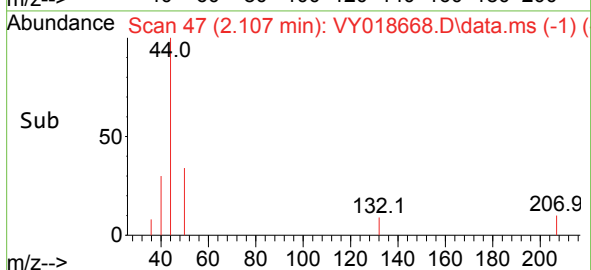
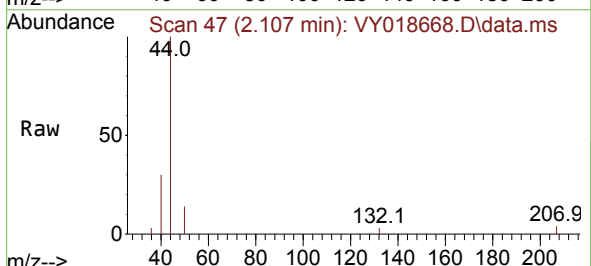


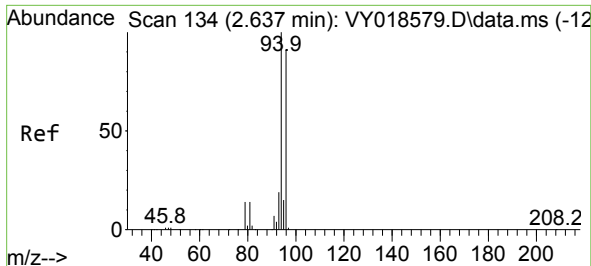
Tgt Ion:168 Resp: 11632
Ion Ratio Lower Upper
168 100
99 50.7 39.1 58.7



#3
Chloromethane
Concen: 1.299 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.006 min
Lab File: VY018668.D
Acq: 21 Jun 2024 14:45

Tgt Ion: 50 Resp: 205
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

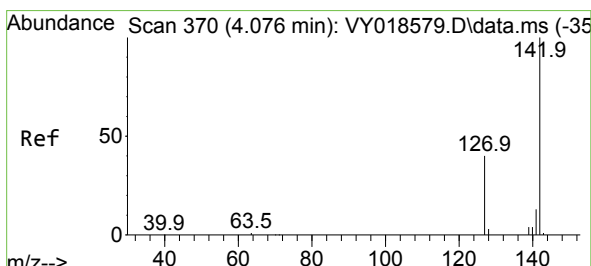
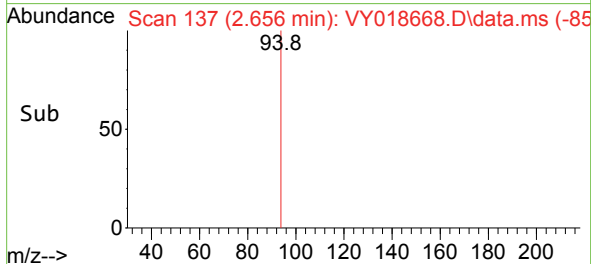
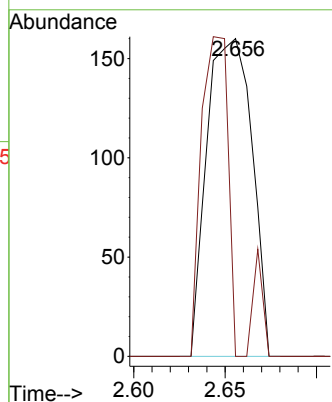
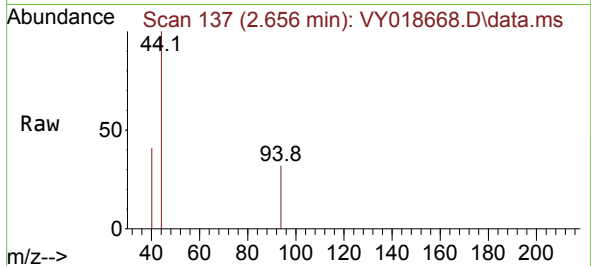




#5
Bromomethane
Concen: 1.893 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY018668.D
Acq: 21 Jun 2024 14:45

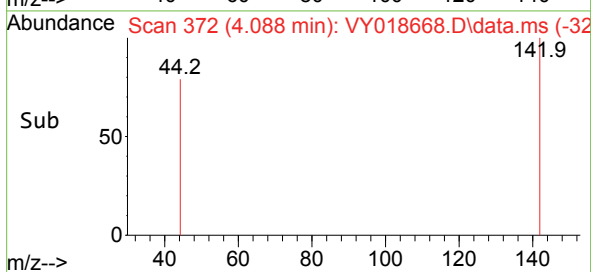
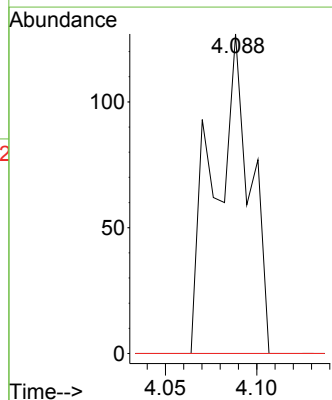
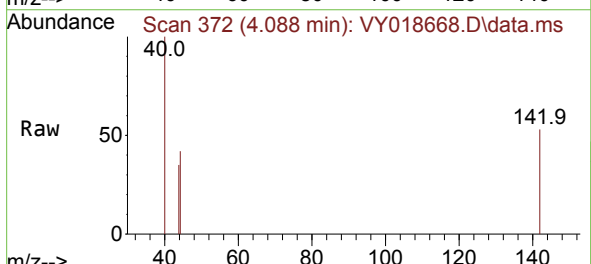
Instrument :
MSVOA_Y
ClientSampleId :

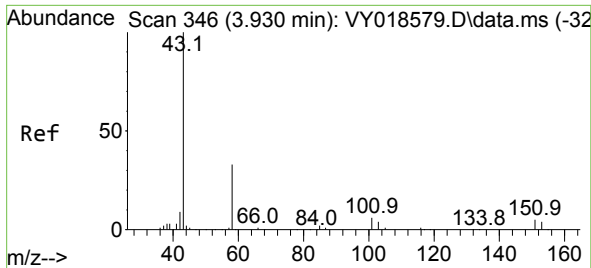
Tgt Ion: 94 Resp: 275
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#



#10
Methyl Iodide
Concen: 1.992 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.012 min
Lab File: VY018668.D
Acq: 21 Jun 2024 14:45

Tgt Ion:142 Resp: 175
Ion Ratio Lower Upper
142 100
127 0.0 32.8 49.2#
141 0.0 11.4 17.2#





#16

Acetone

Concen: 5.330 ug/l

RT: 3.918 min Scan# 346

Delta R.T. -0.012 min

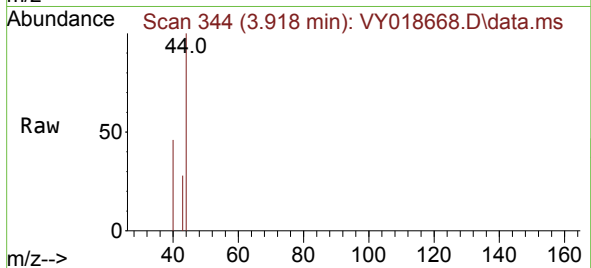
Lab File: VY018668.D

Acq: 21 Jun 2024 14:45

Instrument :

MSVOA_Y

ClientSampleId :

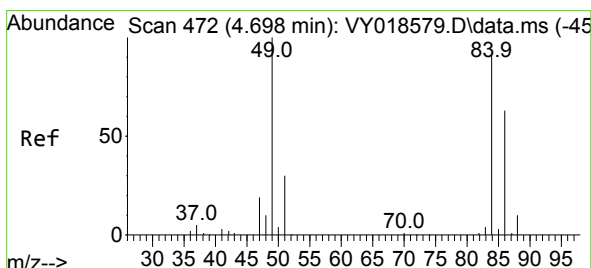
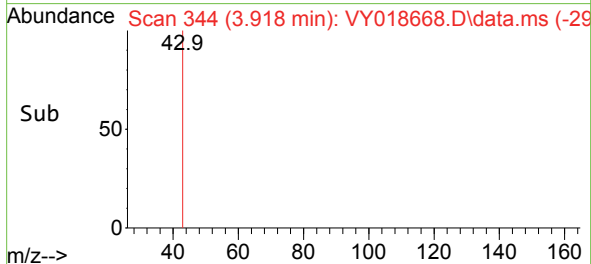
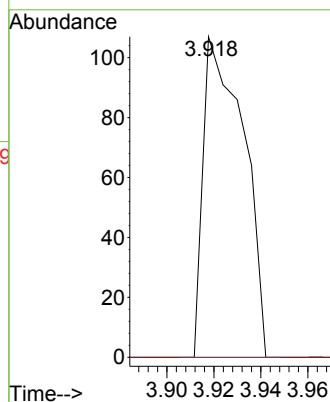


Tgt Ion: 43 Resp: 127

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.692 min Scan# 471

Delta R.T. -0.006 min

Lab File: VY018668.D

Acq: 21 Jun 2024 14:45

Tgt Ion: 84 Resp: 799

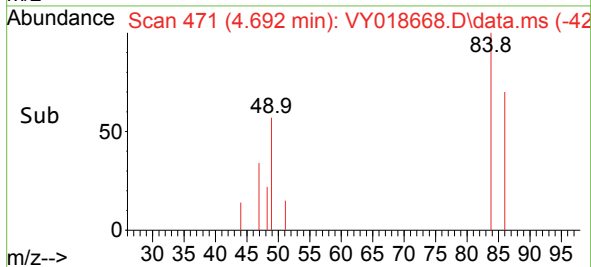
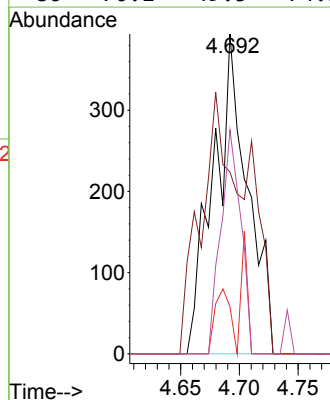
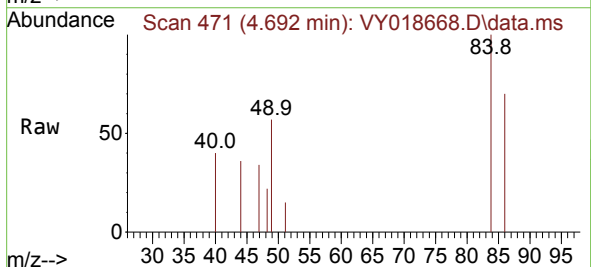
Ion Ratio Lower Upper

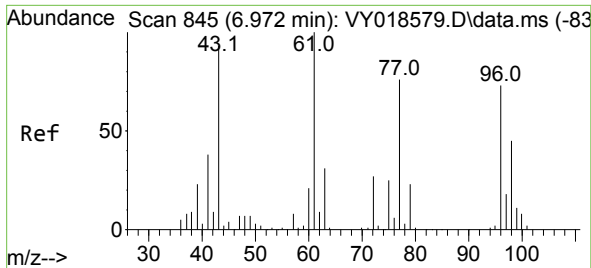
84 100

49 56.9 84.4 126.6#

51 14.7 26.0 39.0#

86 70.1 49.5 74.3





#25

2-Butanone

Concen: 1.120 ug/l

RT: 7.204 min Scan# 845

Delta R.T. 0.232 min

Lab File: VY018668.D

Acq: 21 Jun 2024 14:45

Instrument :

MSVOA_Y

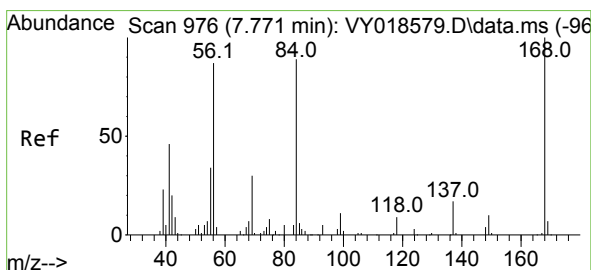
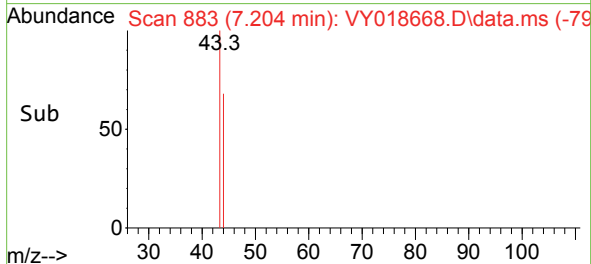
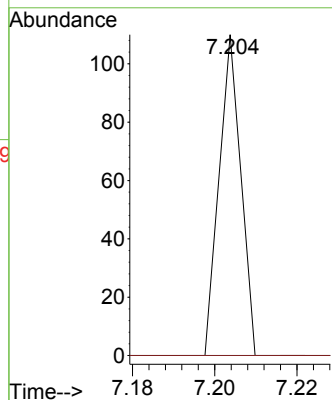
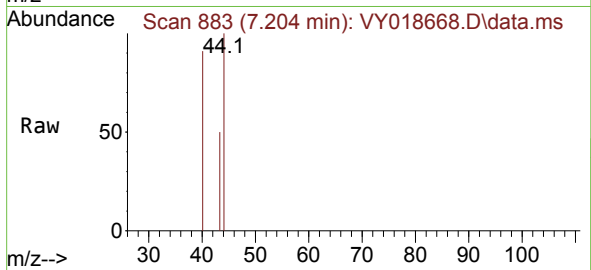
ClientSampleId :

Tgt Ion: 43 Resp: 40

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.154 ug/l

RT: 7.771 min Scan# 976

Delta R.T. 0.000 min

Lab File: VY018668.D

Acq: 21 Jun 2024 14:45

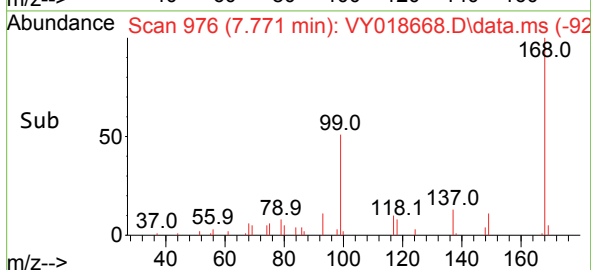
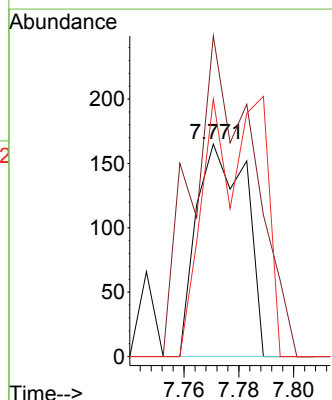
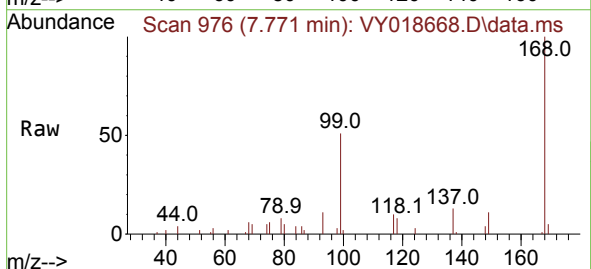
Tgt Ion: 56 Resp: 207

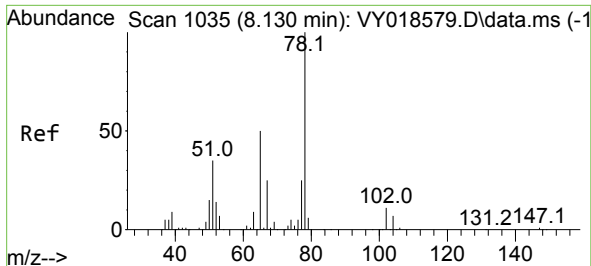
Ion Ratio Lower Upper

56 100

69 115.2 28.7 43.1#

84 121.2 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 39.715 ug/l

RT: 8.124 min Scan# 1034

Delta R.T. -0.006 min

Lab File: VY018668.D

Acq: 21 Jun 2024 14:45

Instrument :

MSVOA_Y

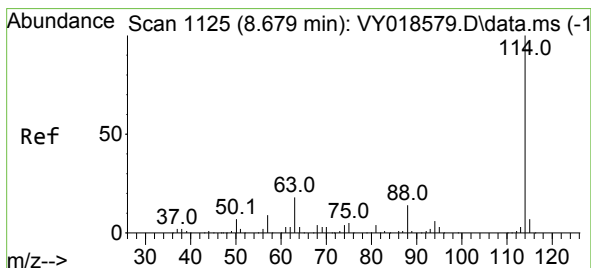
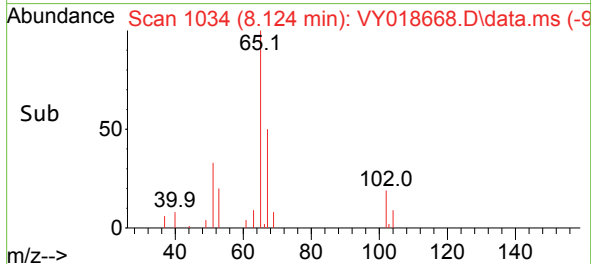
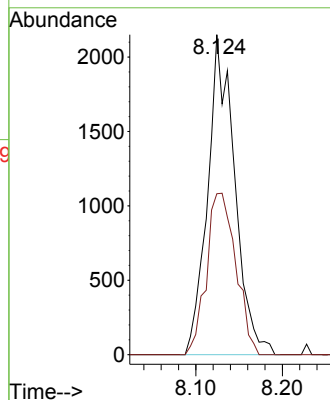
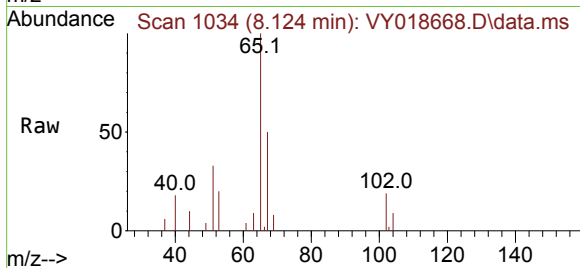
ClientSampleId :

Tgt Ion: 65 Resp: 4651

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VY018668.D

Acq: 21 Jun 2024 14:45

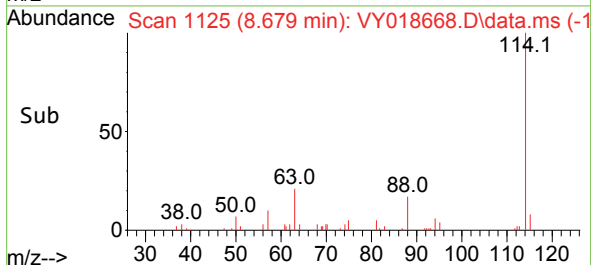
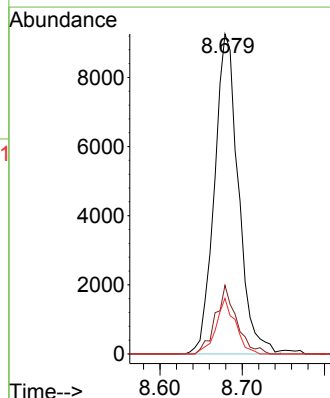
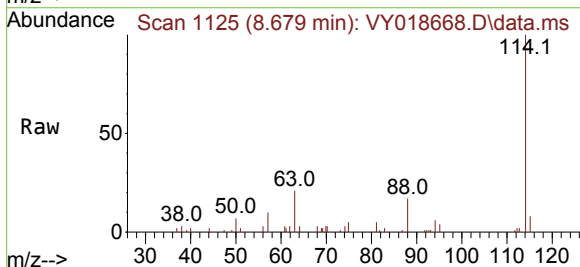
Tgt Ion: 114 Resp: 18773

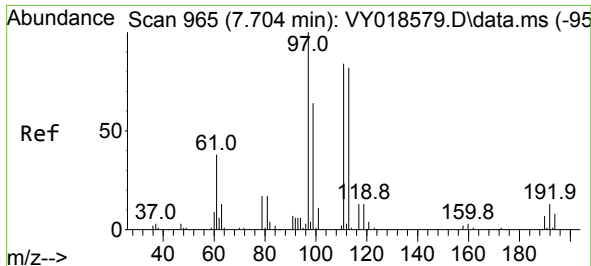
Ion Ratio Lower Upper

114 100

63 21.4 0.0 35.0

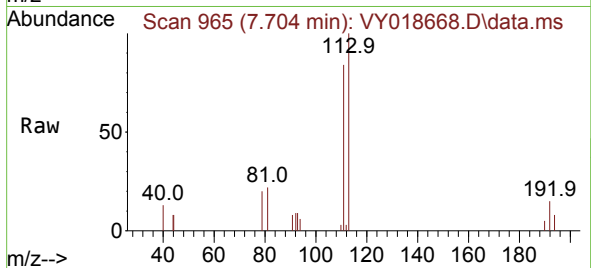
88 17.3 0.0 27.2



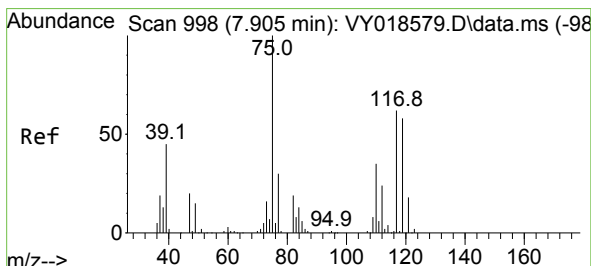
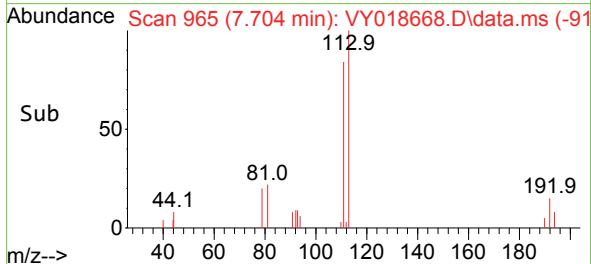
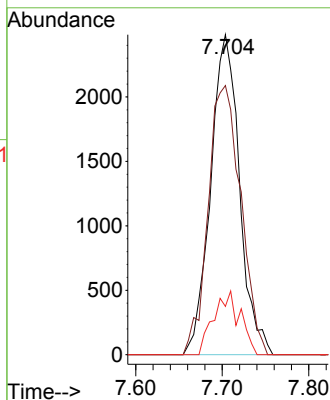


#35
 Dibromofluoromethane
 Concen: 50.263 ug/l
 RT: 7.704 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY018668.D
 Acq: 21 Jun 2024 14:45

Instrument :
 MSVOA_Y
 ClientSampleId :

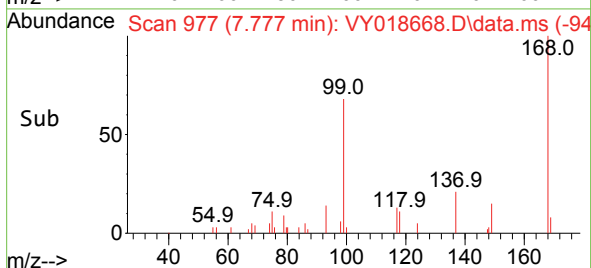
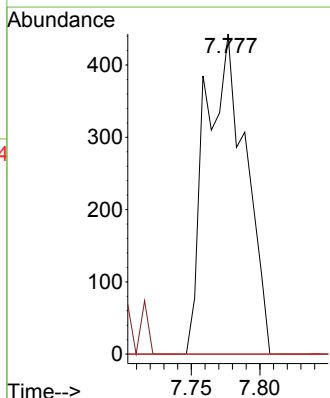
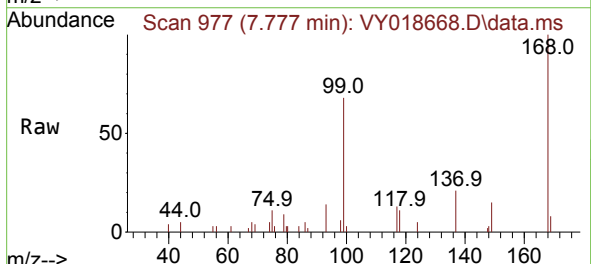


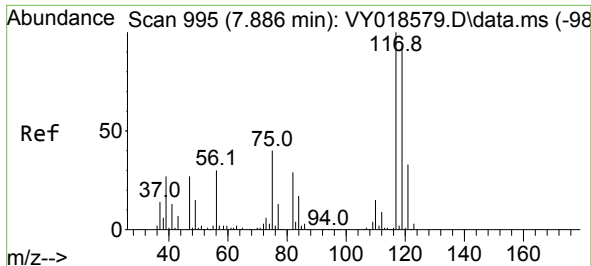
Tgt Ion	Ratio	Lower	Upper
113	100		
111	95.1	82.2	123.4
192	18.2	15.9	23.9



#36
 1,1-Dichloropropene
 Concen: 5.716 ug/l
 RT: 7.777 min Scan# 977
 Delta R.T. -0.128 min
 Lab File: VY018668.D
 Acq: 21 Jun 2024 14:45

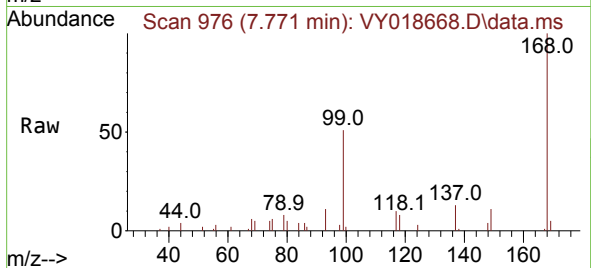
Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.0	57.0#
77	0.0	25.3	37.9#



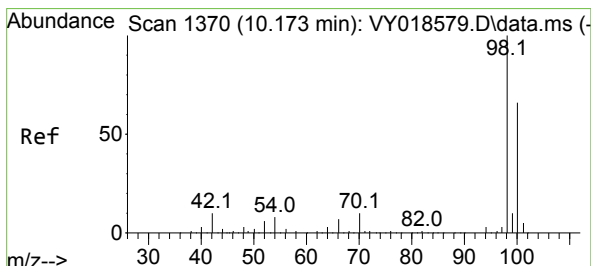
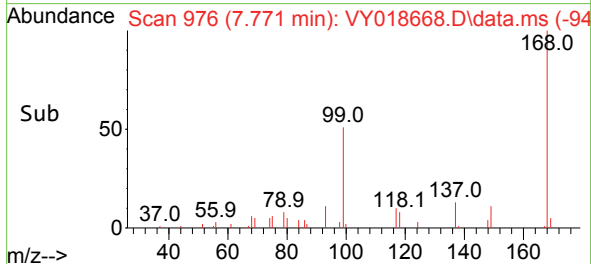
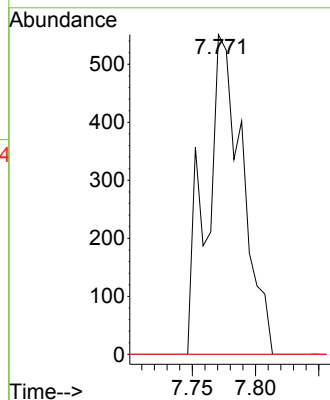


#38
Carbon Tetrachloride
Concen: 6.561 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018668.D
Acq: 21 Jun 2024 14:45

Instrument :
MSVOA_Y
ClientSampleId :

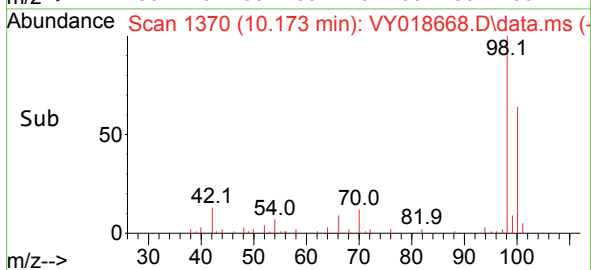
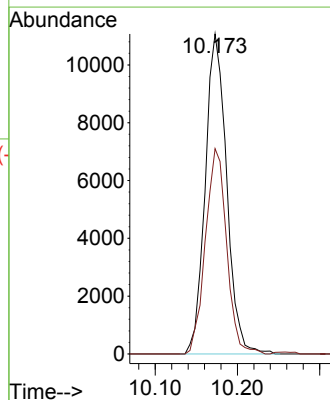
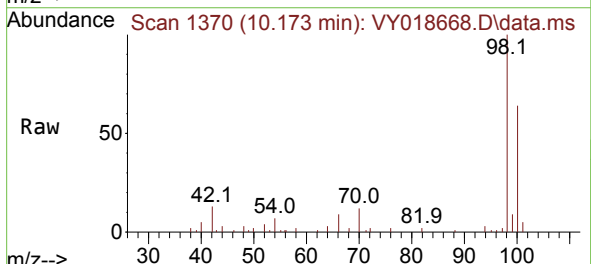


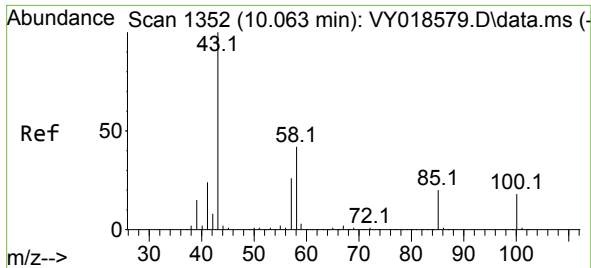
Tgt Ion:117 Resp: 1085
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 45.538 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018668.D
Acq: 21 Jun 2024 14:45

Tgt Ion: 98 Resp: 20055
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0

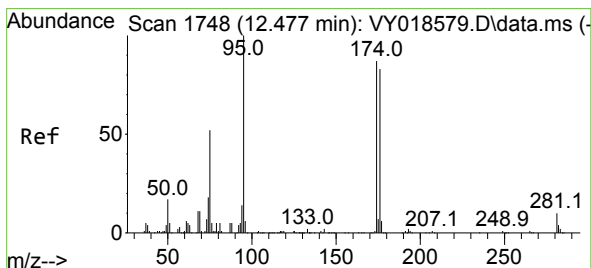
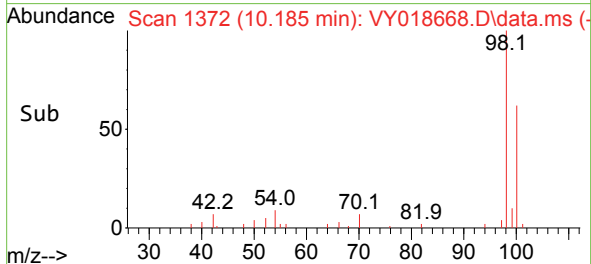
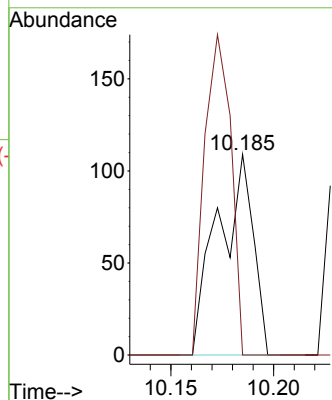
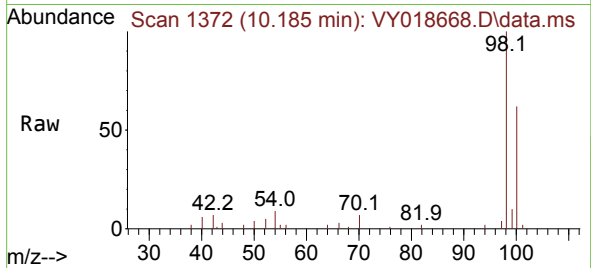




#51
4-Methyl-2-Pentanone
Concen: 1.779 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.122 min
Lab File: VY018668.D
Acq: 21 Jun 2024 14:45

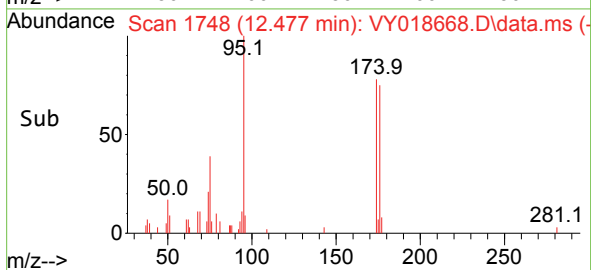
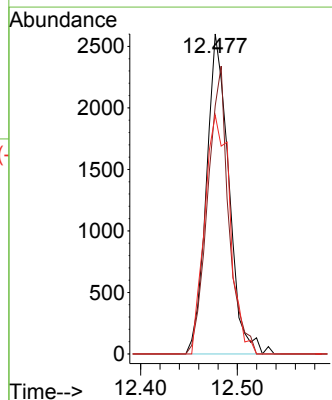
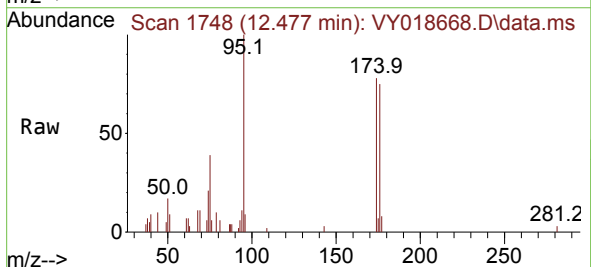
Instrument :
MSVOA_Y
ClientSampleId :

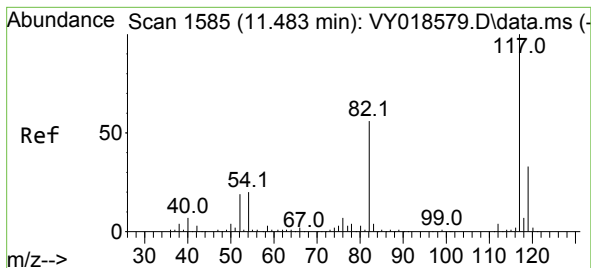
Tgt Ion: 43 Resp: 130
Ion Ratio Lower Upper
43 100
58 119.2 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 30.094 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018668.D
Acq: 21 Jun 2024 14:45

Tgt Ion: 95 Resp: 4185
Ion Ratio Lower Upper
95 100
174 84.1 0.0 175.6
176 84.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018668.D

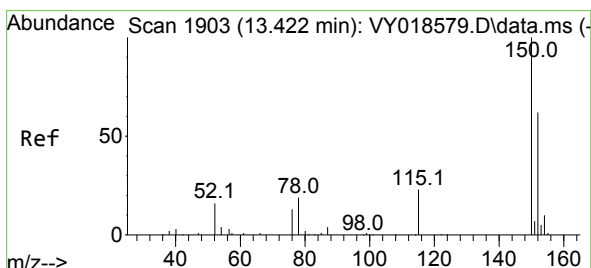
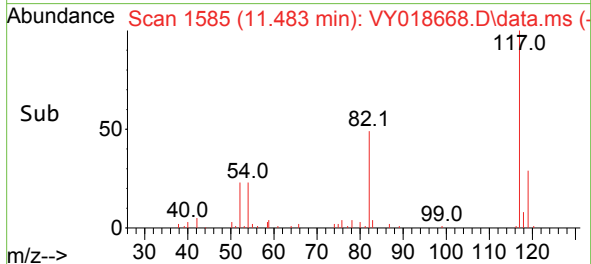
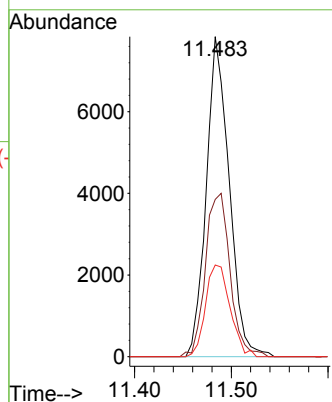
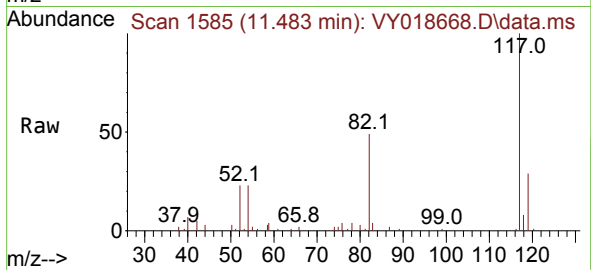
Acq: 21 Jun 2024 14:45

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp:	12896
Ion	Ratio	Lower Upper
117	100	
82	49.2	42.4 63.6
119	28.7	25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

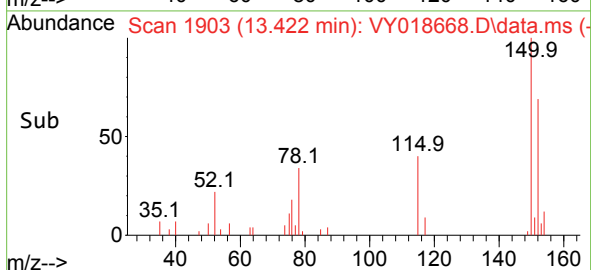
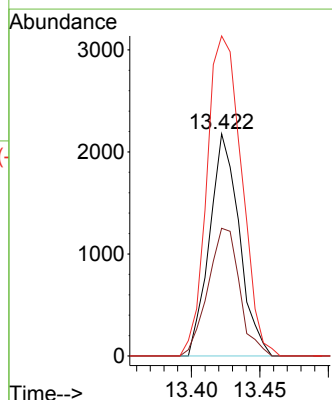
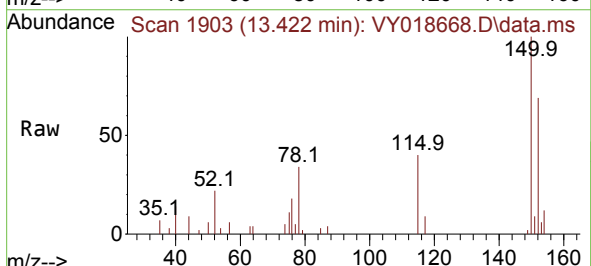
RT: 13.422 min Scan# 1903

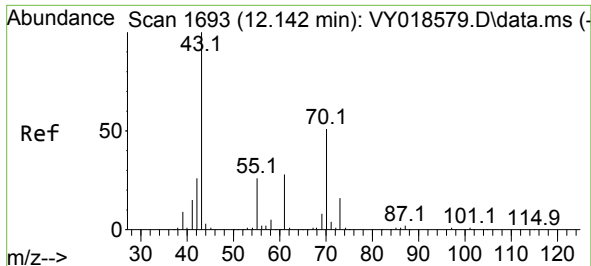
Delta R.T. 0.000 min

Lab File: VY018668.D

Acq: 21 Jun 2024 14:45

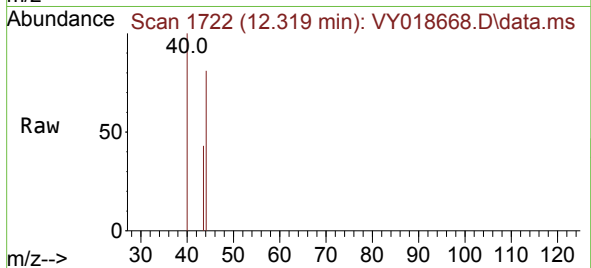
Tgt Ion:152	Resp:	3276
Ion	Ratio	Lower Upper
152	100	
115	61.1	28.2 84.7
150	168.8	0.0 345.6



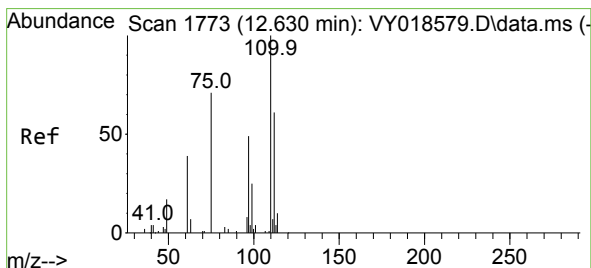
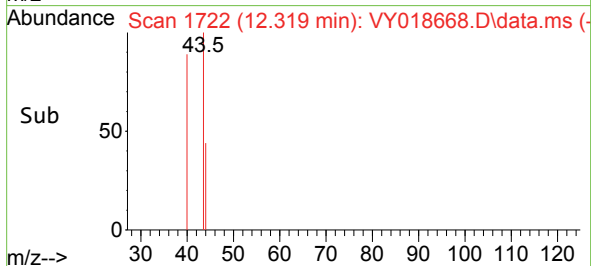
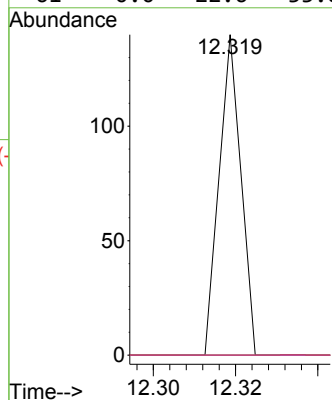


#74
N-ethyl acetate
Concen: 1.041 ug/l
RT: 12.319 min Scan# 1722
Delta R.T. 0.177 min
Lab File: VY018668.D
Acq: 21 Jun 2024 14:45

Instrument :
MSVOA_Y
ClientSampleId :

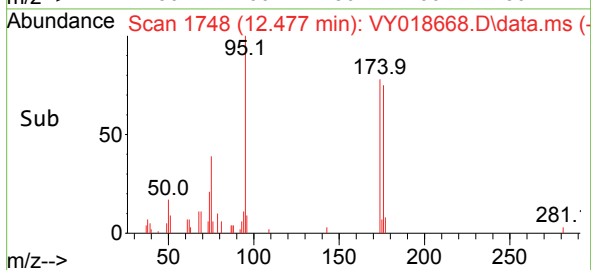
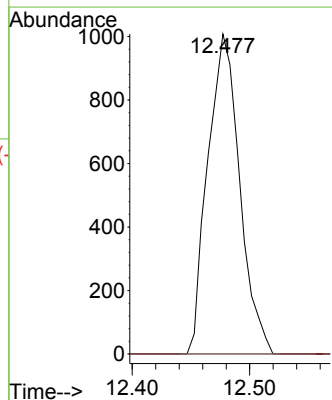
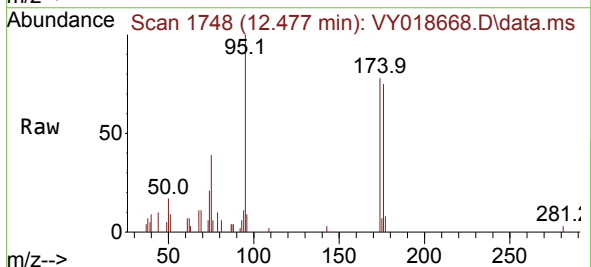


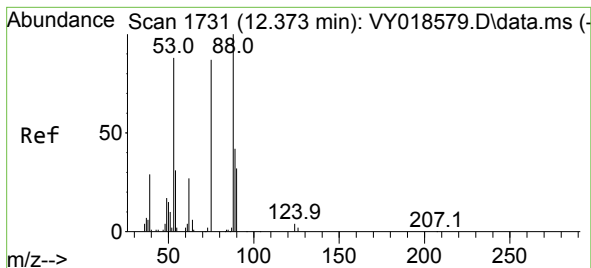
Tgt Ion: 43	Resp: 51
Ion Ratio	Lower Upper
43	100
70	0.0 41.4 62.2#
55	0.0 23.3 34.9#
61	0.0 22.6 33.8#



#76
1,2,3-Trichloropropane
Concen: 61.958 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018668.D
Acq: 21 Jun 2024 14:45

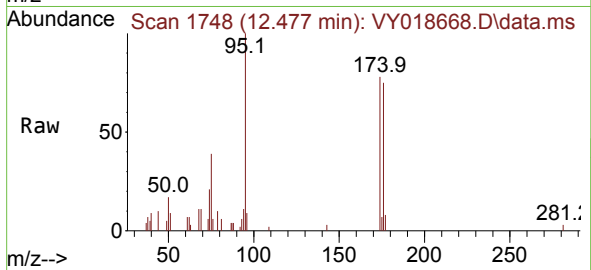
Tgt Ion: 75	Resp: 1904
Ion Ratio	Lower Upper
75	100
77	0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 162.292 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018668.D
Acq: 21 Jun 2024 14:45

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	75	Resp:	1904
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

