

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061224\
 Data File : VY018572.D
 Acq On : 12 Jun 2024 16:28
 Operator : SY/MD
 Sample : P2846-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 13 00:57:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

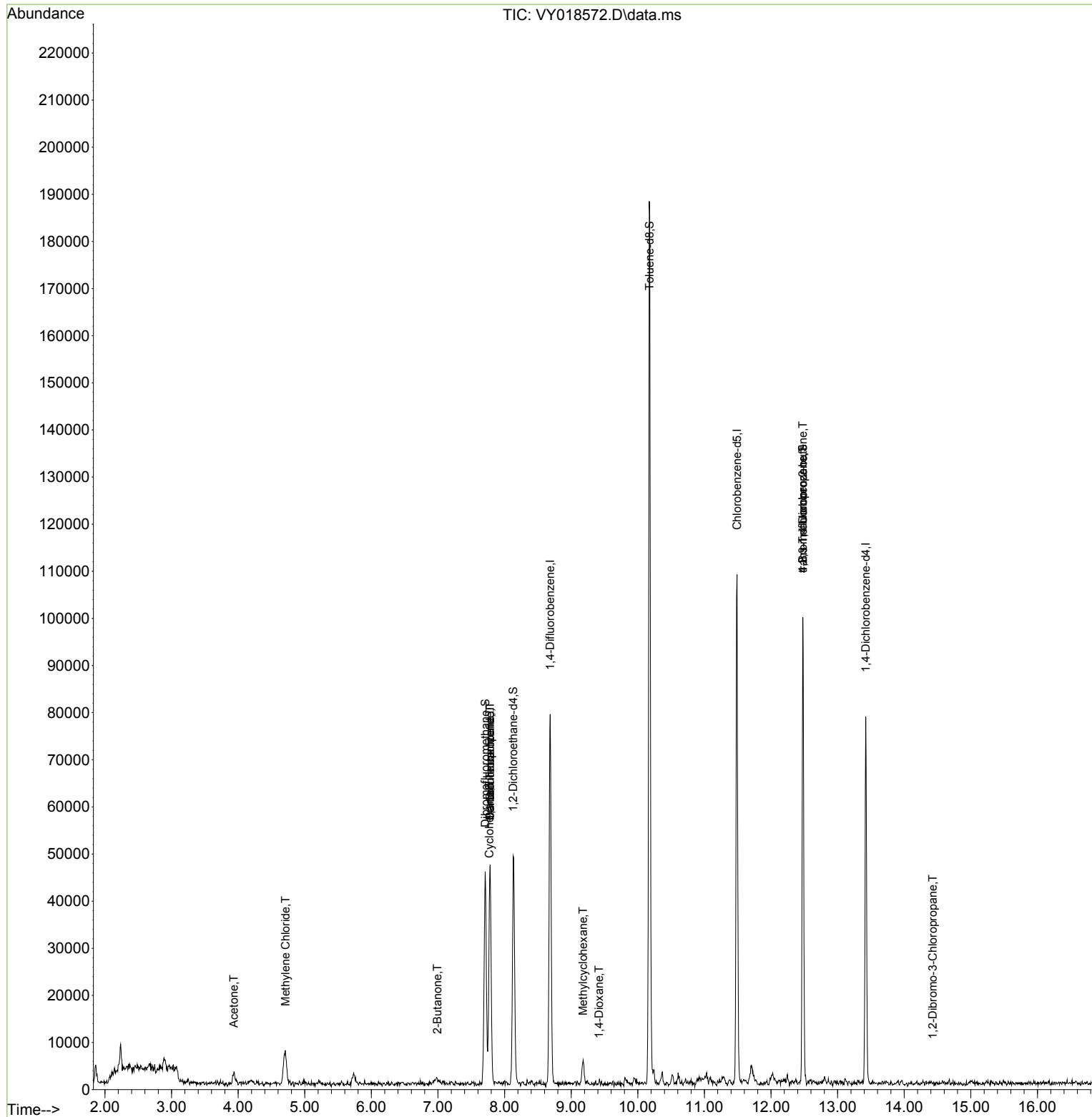
Internal Standards						
1) Pentafluorobenzene	7.783	168	31936	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	64803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	53492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	18208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	34748	55.404	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.800%	
35) Dibromofluoromethane	7.710	113	30727	37.392	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 74.780%	
50) Toluene-d8	10.179	98	114340	34.976	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 69.960%	
62) 4-Bromofluorobenzene	12.477	95	27704	27.218	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 54.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	140	Below Cal	#	40
16) Acetone	3.936	43	4355	31.286	ug/l	88
20) Methylene Chloride	4.710	84	4831	3.345	ug/l	# 76
25) 2-Butanone	6.990	43	865	4.056	ug/l	# 58
31) Cyclohexane	7.771	56	1658	1.418	ug/l	# 60
36) 1,1-Dichloropropene	7.783	75	3455	2.757	ug/l	# 40
38) Carbon Tetrachloride	7.783	117	4089	3.257	ug/l	# 16
39) Methylcyclohexane	9.179	83	1925	1.136	ug/l	# 71
49) 1,4-Dioxane	9.417	88	52	8.044	ug/l	# 20
76) 1,2,3-Trichloropropane	12.477	75	16470	72.947	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	16470	153.256	ug/l	# 16
92) 1,2-Dibromo-3-Chloropr...	14.428	75	58	1.152	ug/l	# 1

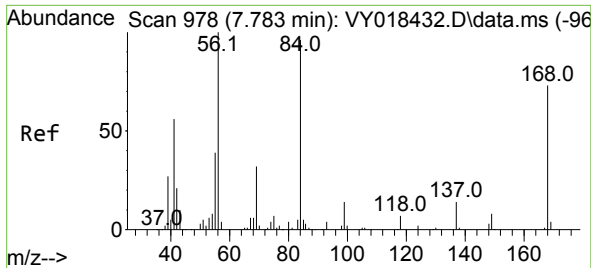
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061224\
Data File : VY018572.D
Acq On : 12 Jun 2024 16:28
Operator : SY/MD
Sample : P2846-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

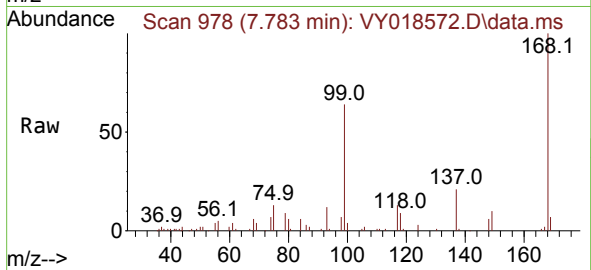
Quant Time: Jun 13 00:57:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 07:11:56 2024
Response via : Initial Calibration



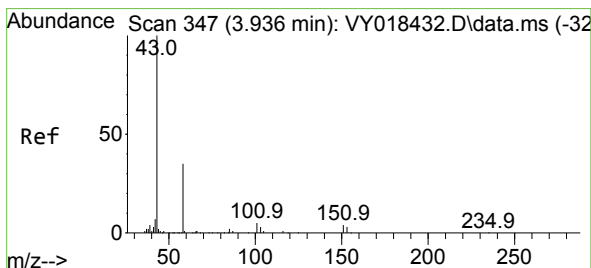
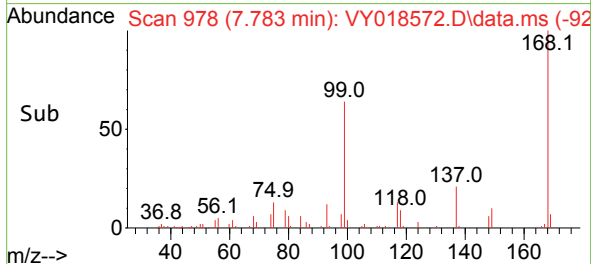
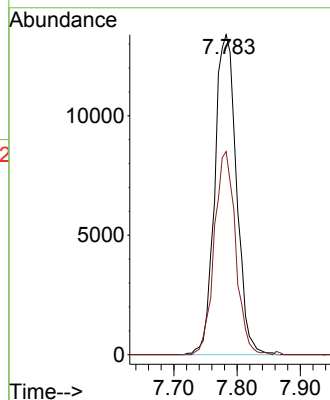


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018572.D
Acq: 12 Jun 2024 16:28

Instrument :
MSVOA_Y
ClientSampleId :

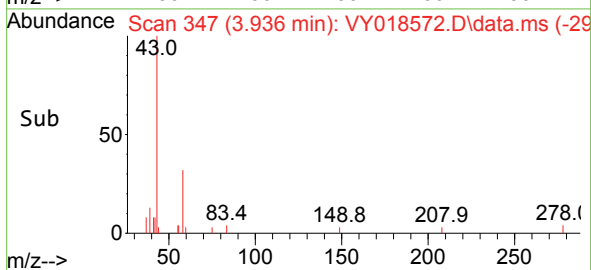
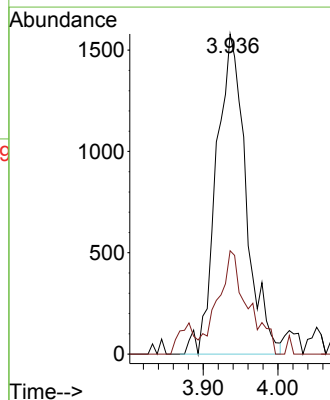
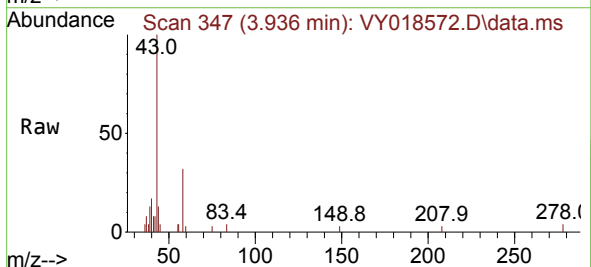


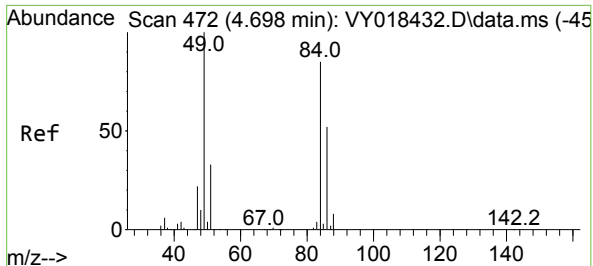
Tgt Ion:168 Resp: 31936
Ion Ratio Lower Upper
168 100
99 63.5 39.1 58.7#



#16
Acetone
Concen: 31.286 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY018572.D
Acq: 12 Jun 2024 16:28

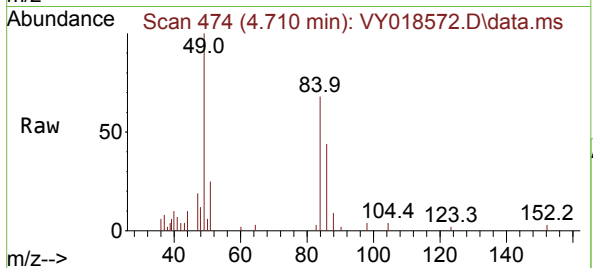
Tgt Ion: 43 Resp: 4355
Ion Ratio Lower Upper
43 100
58 32.3 31.7 47.5



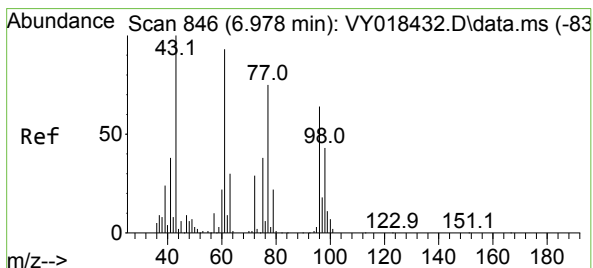
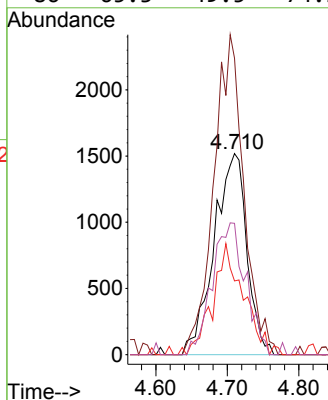
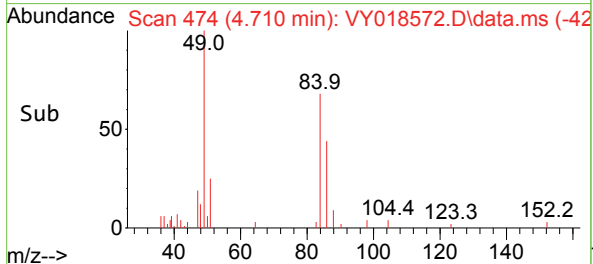


#20
Methylene Chloride
Concen: 3.345 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY018572.D
Acq: 12 Jun 2024 16:28

Instrument :
MSVOA_Y
ClientSampleId :

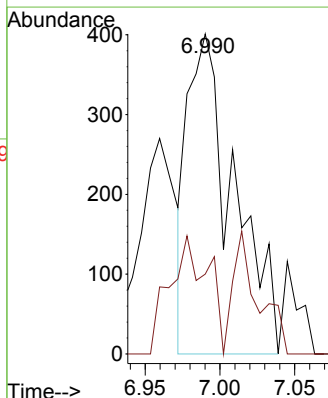
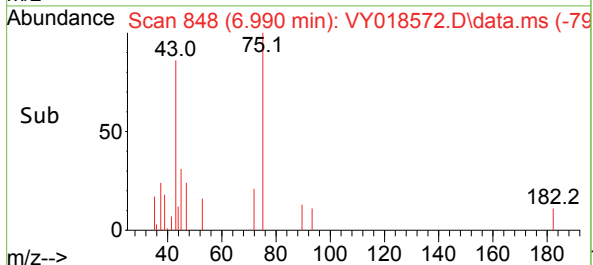
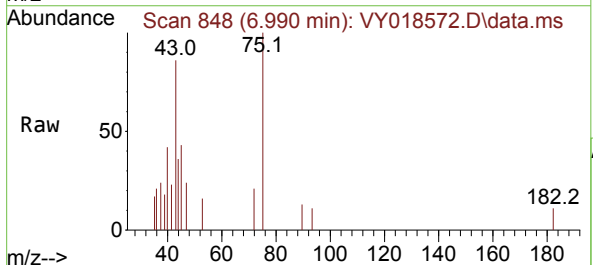


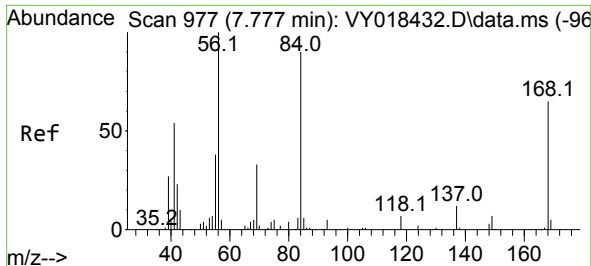
Tgt Ion:	84	Resp:	4831
Ion	Ratio	Lower	Upper
84	100		
49	147.4	84.4	126.6#
51	36.7	26.0	39.0
86	65.3	49.5	74.3



#25
2-Butanone
Concen: 4.056 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY018572.D
Acq: 12 Jun 2024 16:28

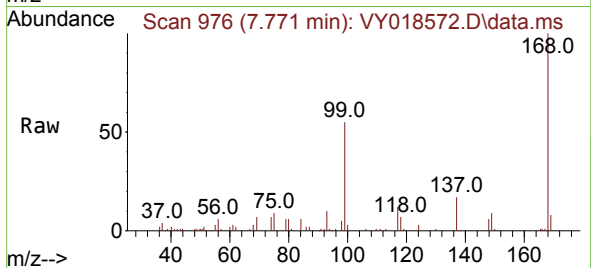
Tgt Ion:	43	Resp:	865
Ion	Ratio	Lower	Upper
43	100		
72	9.7	27.3	40.9#



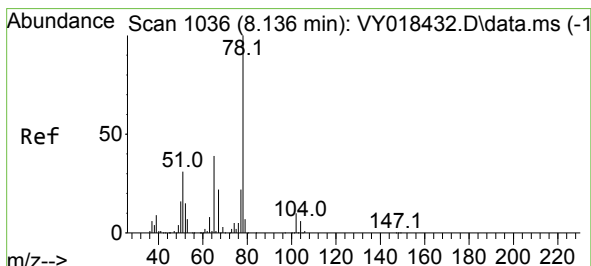
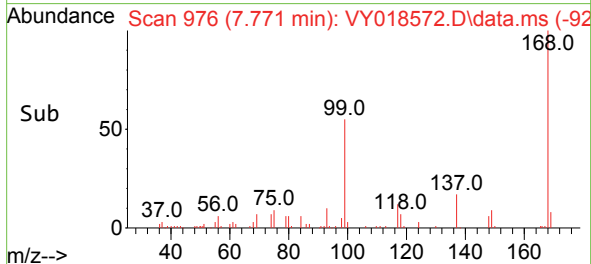
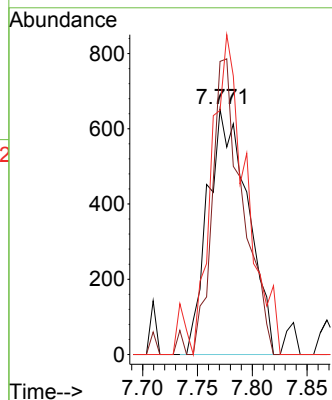


#31
Cyclohexane
Concen: 1.418 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018572.D
Acq: 12 Jun 2024 16:28

Instrument :
MSVOA_Y
ClientSampleId :

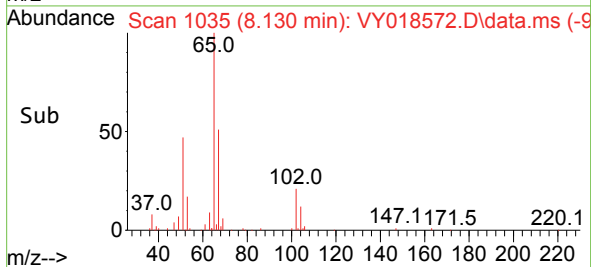
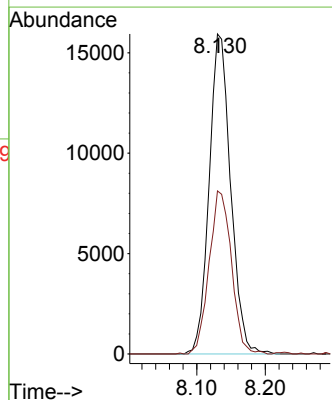
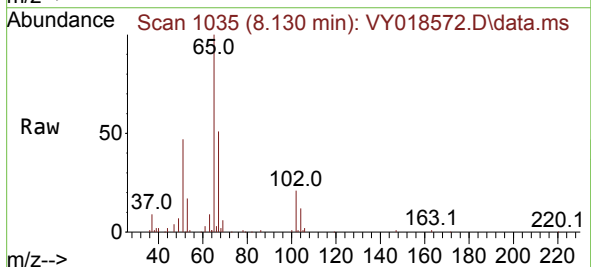


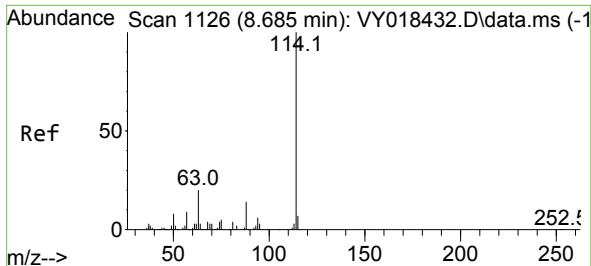
Tgt Ion: 56 Resp: 1658
Ion Ratio Lower Upper
56 100
69 119.5 28.7 43.1#
84 99.5 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 55.404 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018572.D
Acq: 12 Jun 2024 16:28

Tgt Ion: 65 Resp: 34748
Ion Ratio Lower Upper
65 100
67 52.9 0.0 109.6

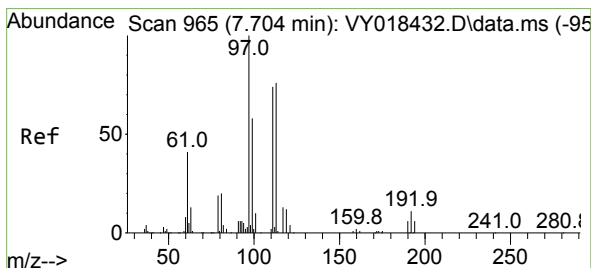
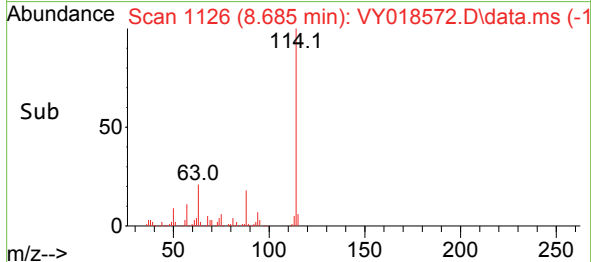
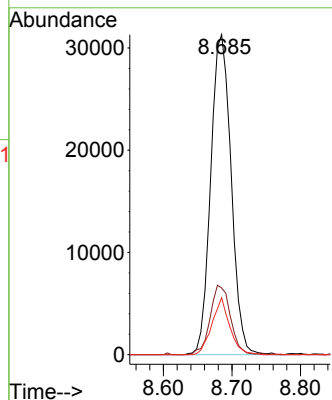
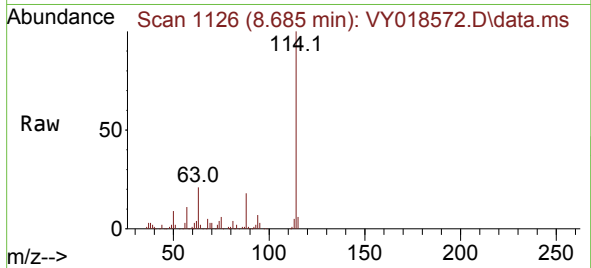




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY018572.D
Acq: 12 Jun 2024 16:28

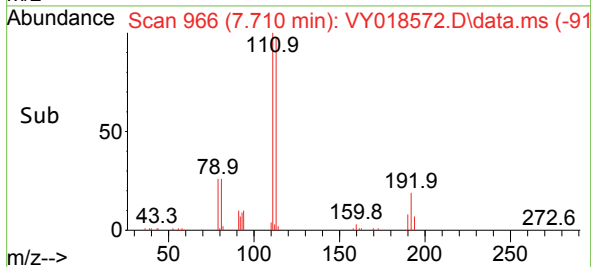
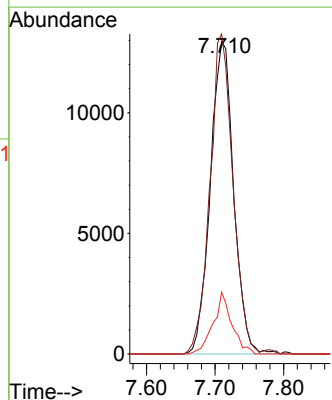
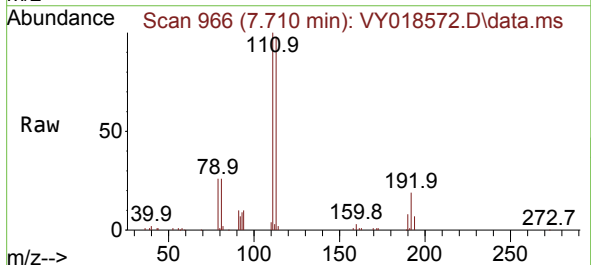
Instrument :
MSVOA_Y
ClientSampleId :

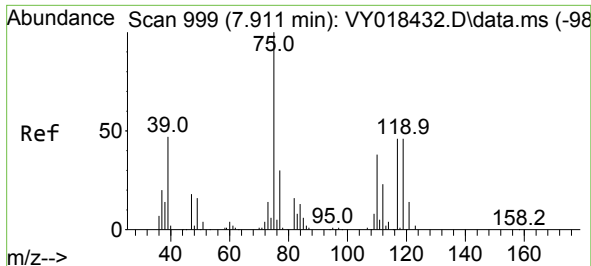
Tgt Ion:114 Resp: 64803
Ion Ratio Lower Upper
114 100
63 20.8 0.0 35.0
88 17.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 37.392 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY018572.D
Acq: 12 Jun 2024 16:28

Tgt Ion:113 Resp: 30727
Ion Ratio Lower Upper
113 100
111 100.4 82.2 123.4
192 15.8 15.9 23.9#

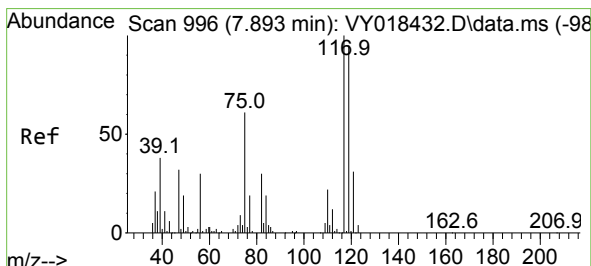
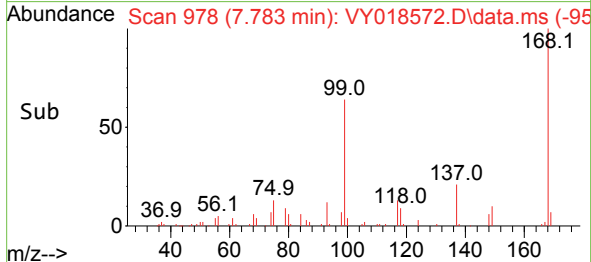
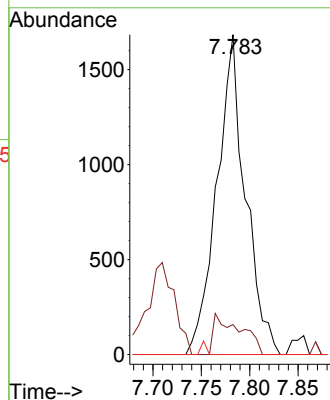
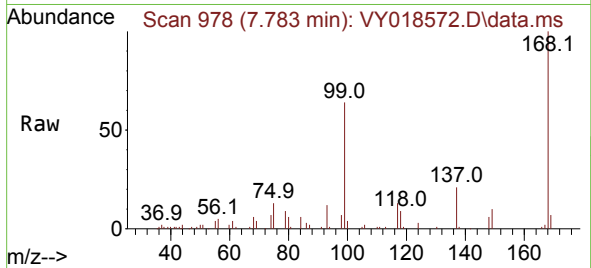




#36
1,1-Dichloropropene
Concen: 2.757 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018572.D
Acq: 12 Jun 2024 16:28

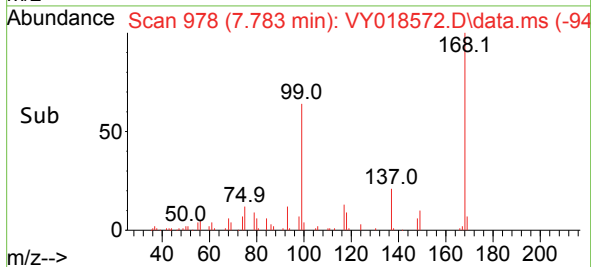
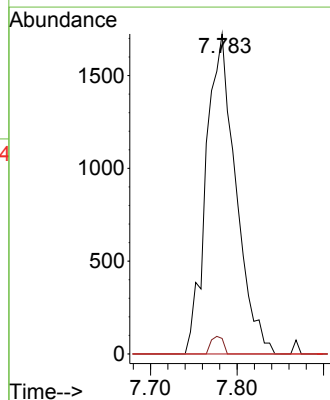
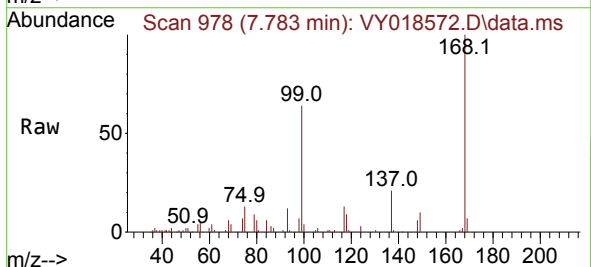
Instrument :
MSVOA_Y
ClientSampleId :

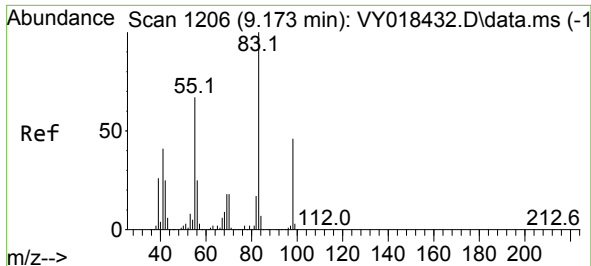
Tgt Ion: 75 Resp: 3455
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 3.257 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY018572.D
Acq: 12 Jun 2024 16:28

Tgt Ion: 117 Resp: 4089
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.6#
121 0.0 24.0 36.0#





#39

Methylcyclohexane

Concen: 1.136 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018572.D

Acq: 12 Jun 2024 16:28

Instrument :

MSVOA_Y

ClientSampleId :

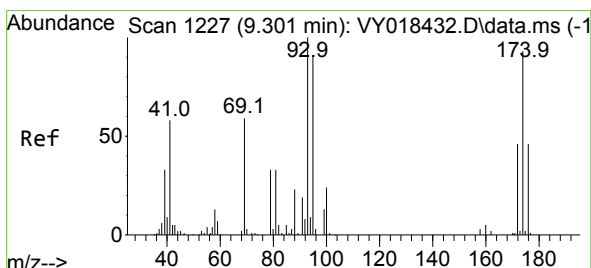
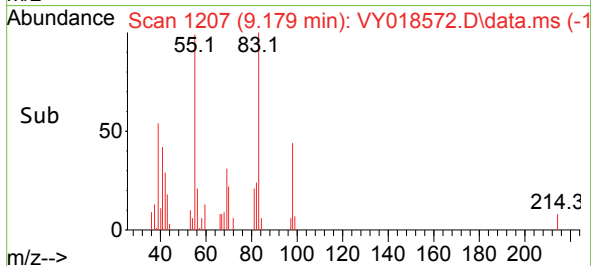
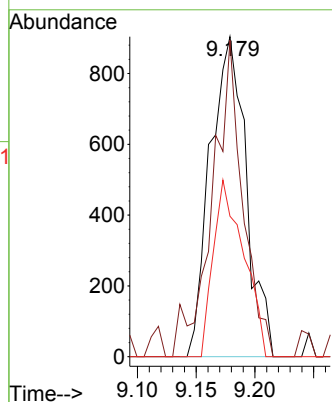
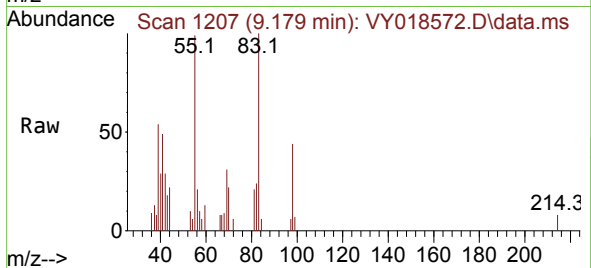
Tgt Ion: 83 Resp: 1925

Ion Ratio Lower Upper

83 100

55 98.9 51.5 77.3#

98 43.9 40.5 60.7



#49

1,4-Dioxane

Concen: 8.044 ug/l

RT: 9.417 min Scan# 1246

Delta R.T. 0.116 min

Lab File: VY018572.D

Acq: 12 Jun 2024 16:28

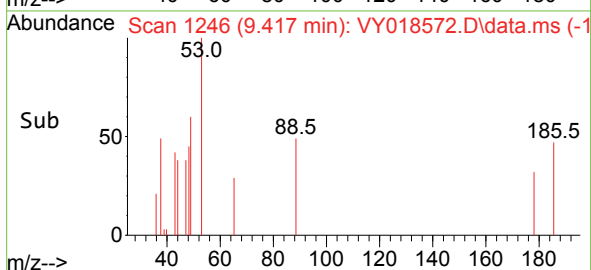
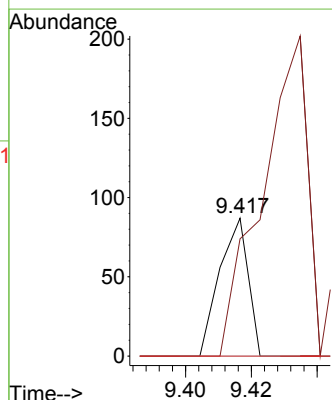
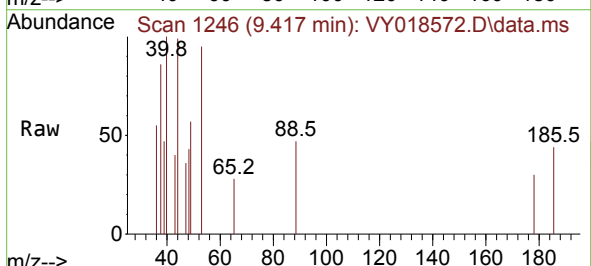
Tgt Ion: 88 Resp: 52

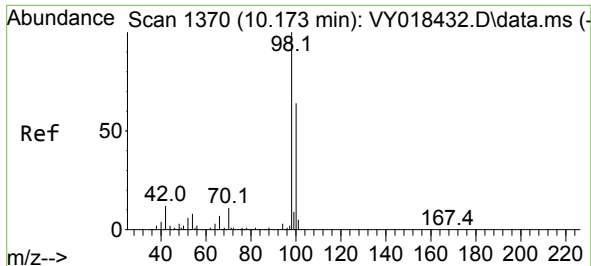
Ion Ratio Lower Upper

88 100

43 505.8 0.0 0.0#

58 0.0 49.3 73.9#

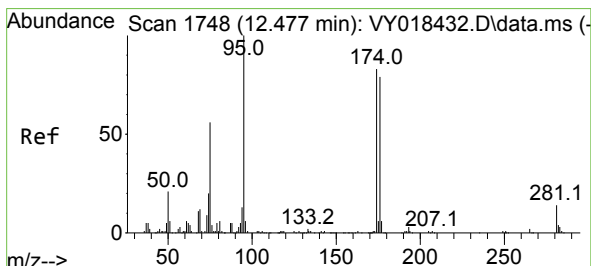
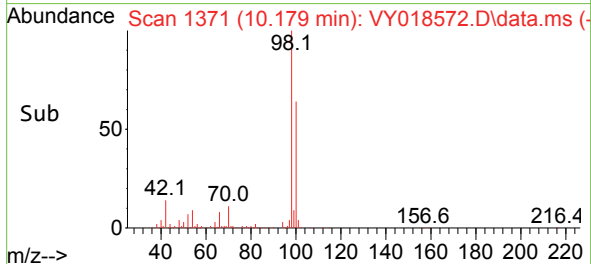
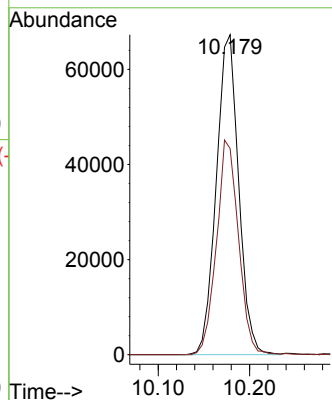
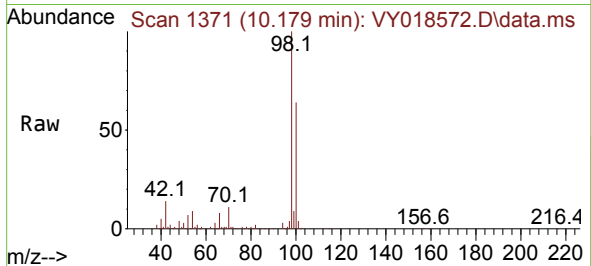




#50
Toluene-d8
Concen: 34.976 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018572.D
Acq: 12 Jun 2024 16:28

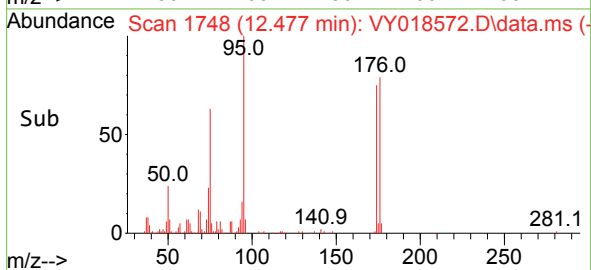
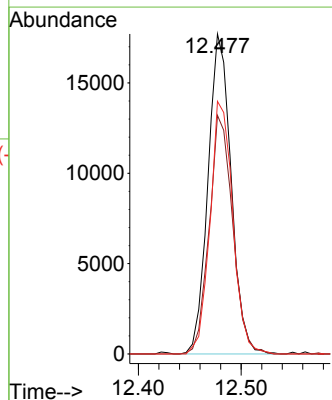
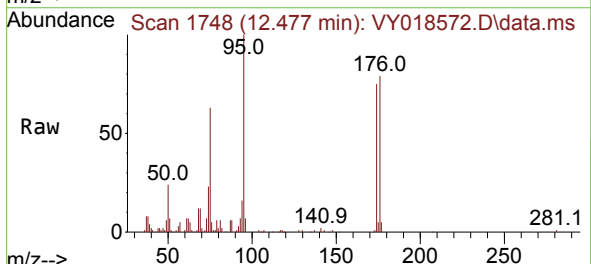
Instrument :
MSVOA_Y
ClientSampleId :

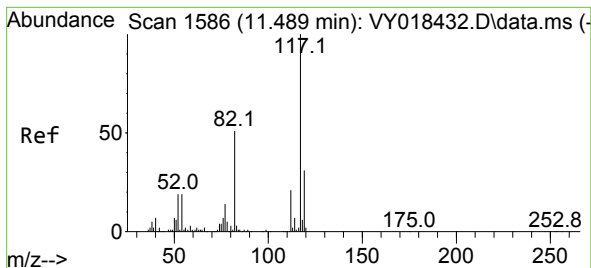
Tgt Ion: 98 Resp: 114340
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 27.218 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018572.D
Acq: 12 Jun 2024 16:28

Tgt Ion: 95 Resp: 27704
Ion Ratio Lower Upper
95 100
174 75.6 0.0 175.6
176 77.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

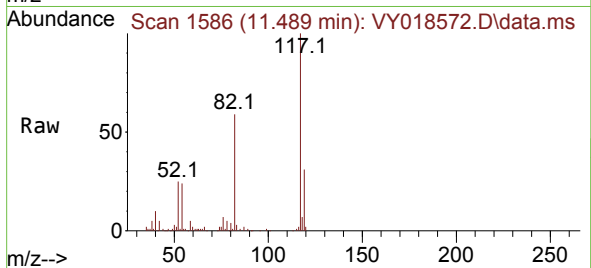
Lab File: VY018572.D

Acq: 12 Jun 2024 16:28

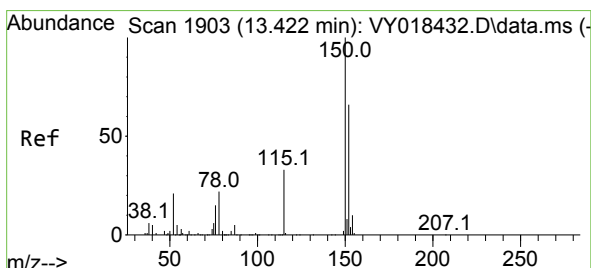
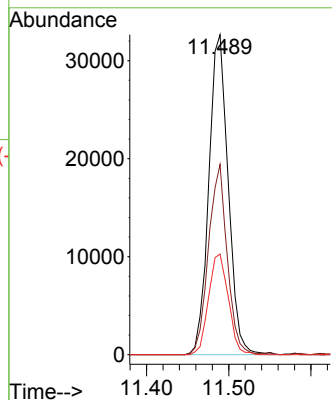
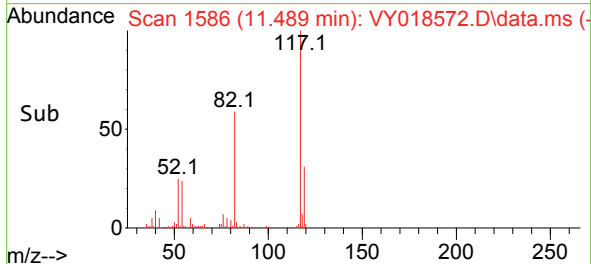
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	117	Resp:	53492
Ion Ratio	Lower	Upper	
117	100		
82	59.5	42.4	63.6
119	31.5	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

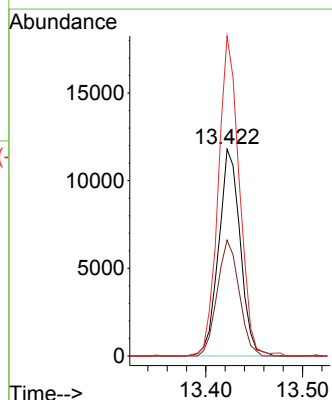
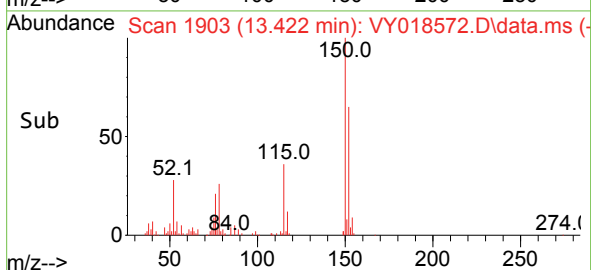
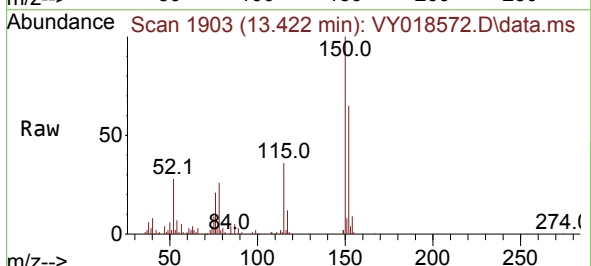
RT: 13.422 min Scan# 1903

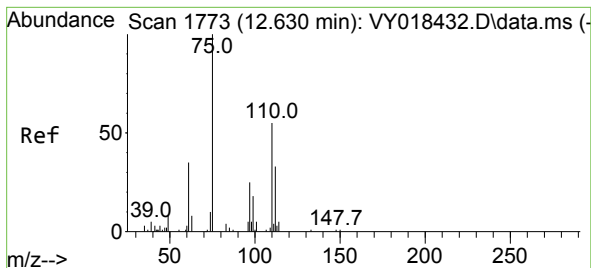
Delta R.T. -0.000 min

Lab File: VY018572.D

Acq: 12 Jun 2024 16:28

Tgt Ion:	152	Resp:	18208
Ion Ratio	Lower	Upper	
152	100		
115	56.9	28.2	84.7
150	151.3	0.0	345.6





#76

1,2,3-Trichloropropane

Concen: 72.947 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY018572.D

Acq: 12 Jun 2024 16:28

Instrument :

MSVOA_Y

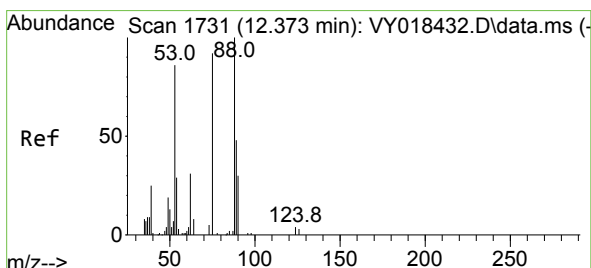
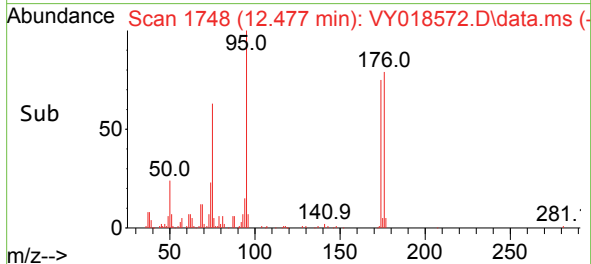
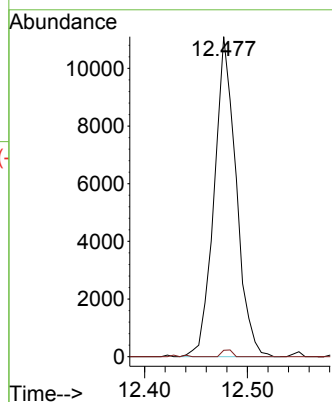
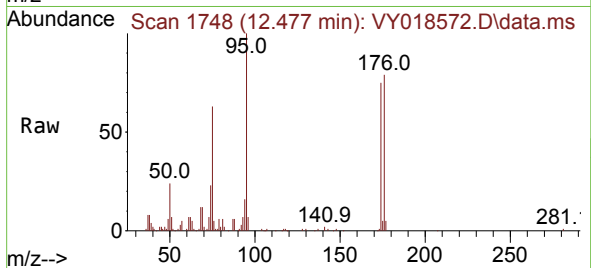
ClientSampleId :

Tgt Ion: 75 Resp: 16470

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 153.256 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.104 min

Lab File: VY018572.D

Acq: 12 Jun 2024 16:28

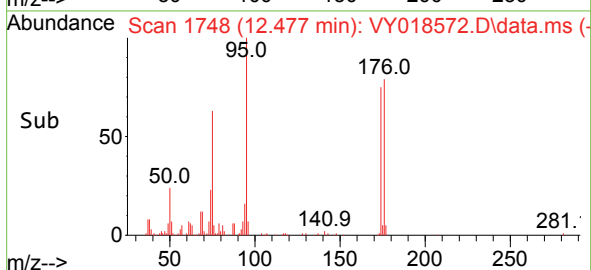
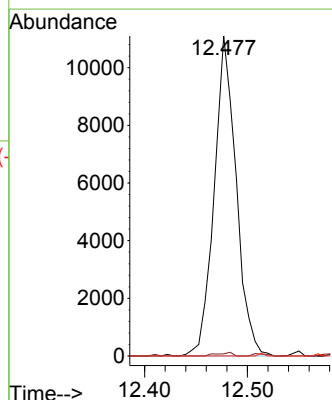
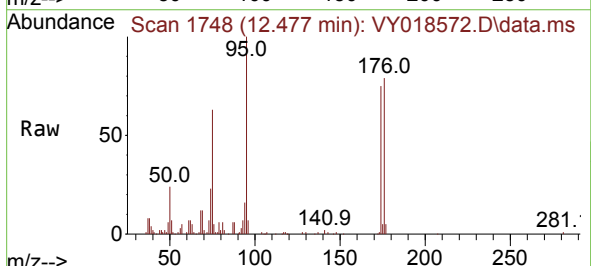
Tgt Ion: 75 Resp: 16470

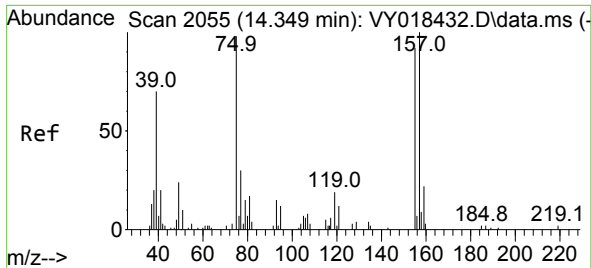
Ion Ratio Lower Upper

75 100

53 0.7 66.8 100.2#

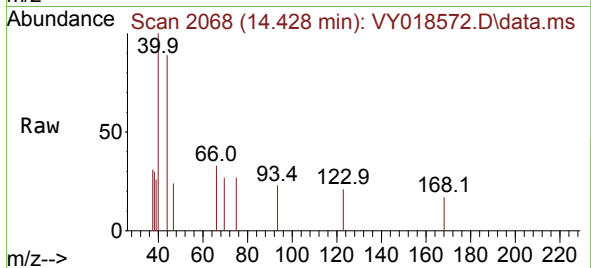
89 0.0 35.8 53.6#





#92
1,2-Dibromo-3-Chloropropane
Concen: 1.152 ug/l
RT: 14.428 min Scan# 20
Delta R.T. 0.079 min
Lab File: VY018572.D
Acq: 12 Jun 2024 16:28

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 58
Ion Ratio Lower Upper
75 100
155 0.0 48.6 145.8#
157 0.0 62.7 188.2#

