

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018472.D
 Acq On : 04 Jun 2024 18:35
 Operator : SY/MD
 Sample : P2686-03
 Misc : 4.58g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 05 01:29:44 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)

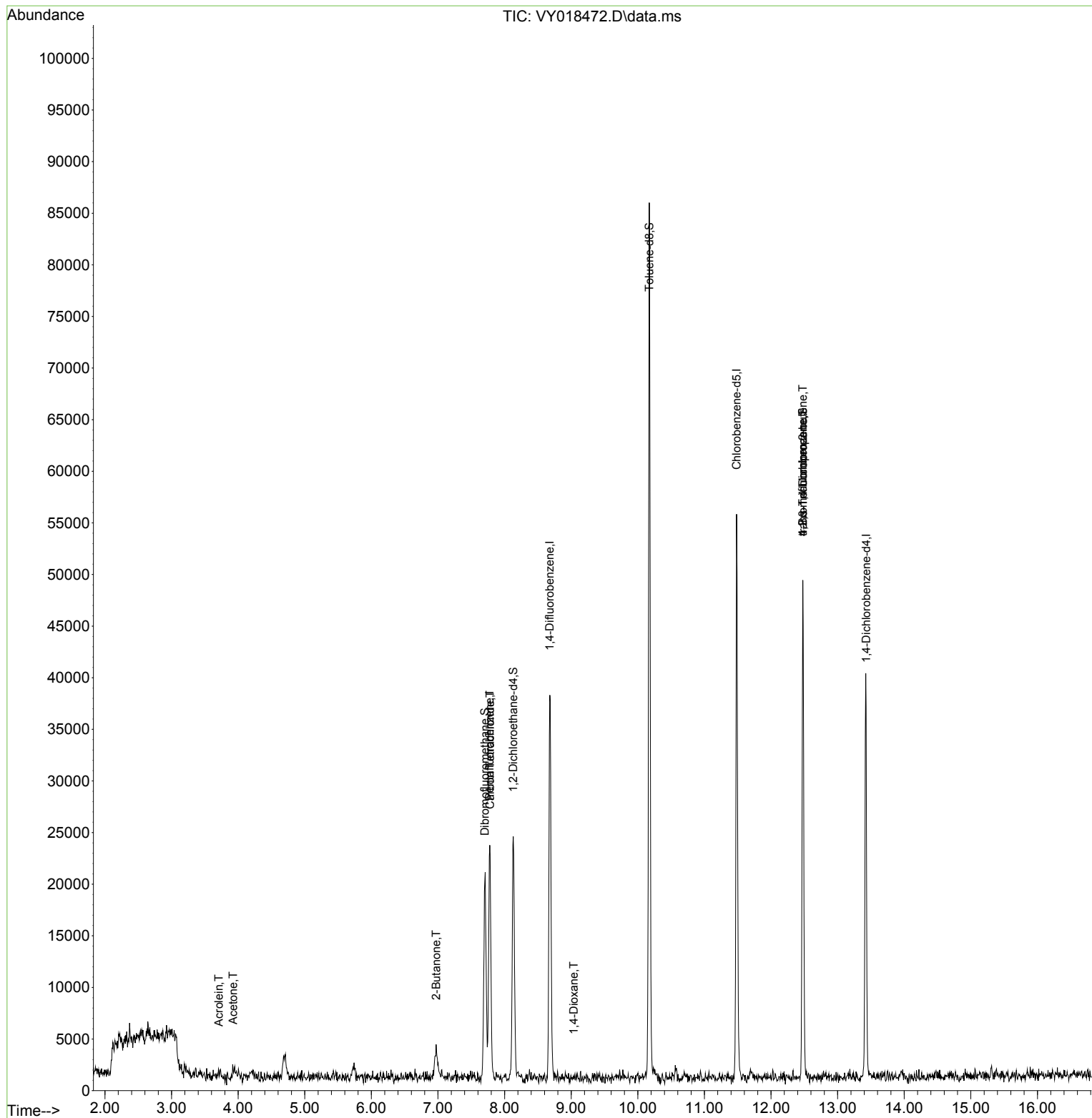
Internal Standards						
1) Pentafluorobenzene	7.777	168	15577	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	31211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	27031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	17122	55.971	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.940%
35) Dibromofluoromethane	7.704	113	13814	34.904	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	69.800%
50) Toluene-d8	10.173	98	51613	32.780	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	65.560%
62) 4-Bromofluorobenzene	12.477	95	13921	28.397	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	56.800%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	208	Below Cal	#	88
13) Acrolein	3.710	56	91	2.906	ug/l	85
16) Acetone	3.924	43	674	9.927	ug/l	# 84
25) 2-Butanone	6.972	43	614	5.903	ug/l	# 41
38) Carbon Tetrachloride	7.783	117	1847	3.054	ug/l	# 22
49) 1,4-Dioxane	9.039	88	19	6.103	ug/l	# 1
76) 1,2,3-Trichloropropane	12.477	75	8116	68.932	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	8116	144.822	ug/l	# 16

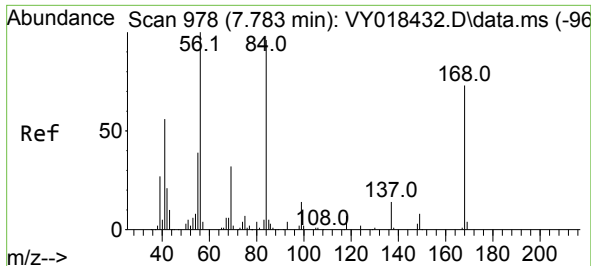
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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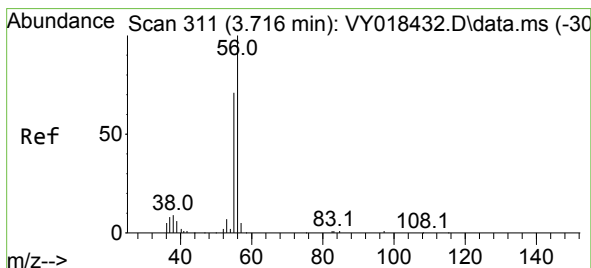
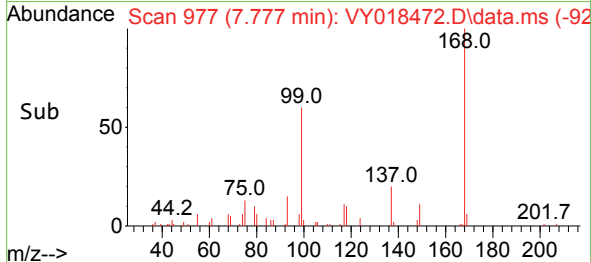
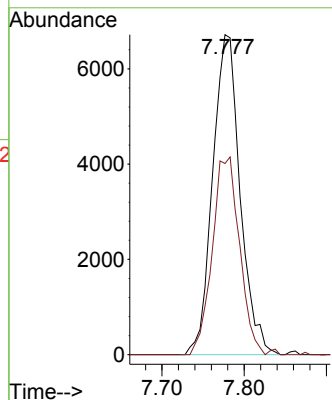
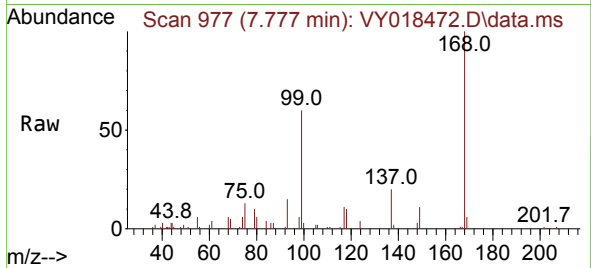




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018472.D
Acq: 04 Jun 2024 18:35

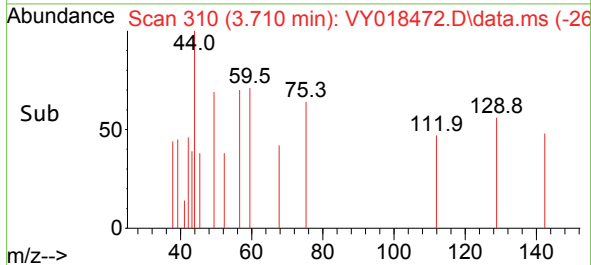
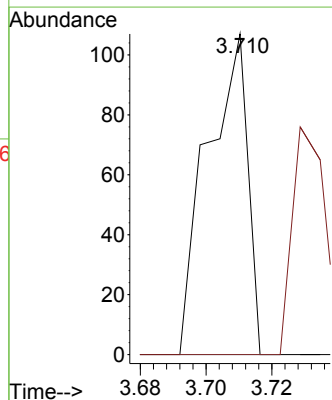
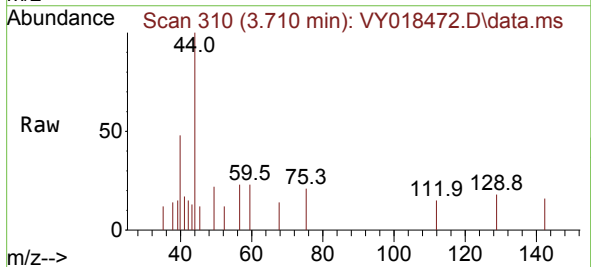
Instrument :
MSVOA_Y
ClientSampleId :

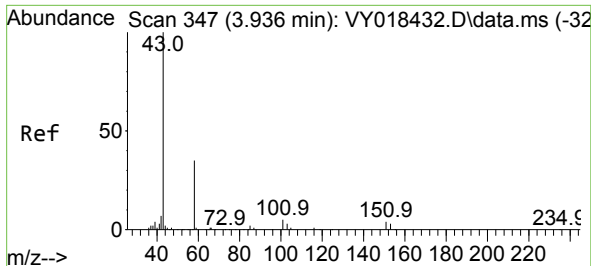
Tgt Ion:168 Resp: 15577
Ion Ratio Lower Upper
168 100
99 59.7 39.1 58.7#



#13
Acrolein
Concen: 2.906 ug/l
RT: 3.710 min Scan# 310
Delta R.T. -0.006 min
Lab File: VY018472.D
Acq: 04 Jun 2024 18:35

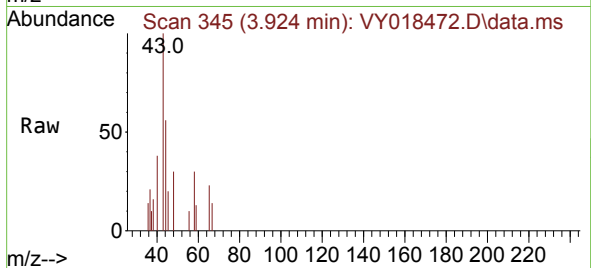
Tgt Ion: 56 Resp: 91
Ion Ratio Lower Upper
56 100
55 57.1 55.7 83.5



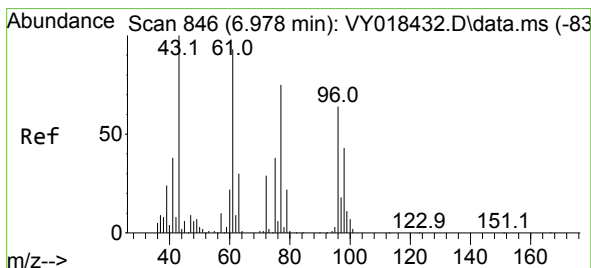
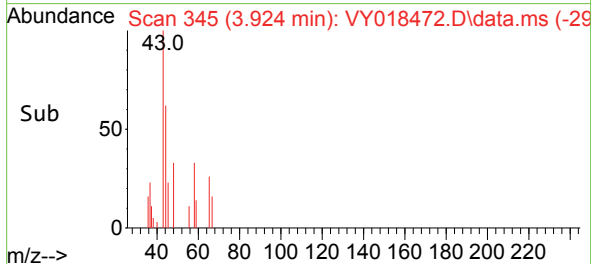
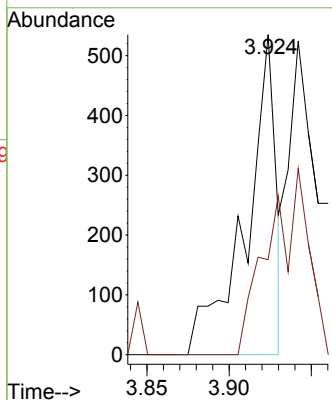


#16
Acetone
Concen: 9.927 ug/l
RT: 3.924 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY018472.D
Acq: 04 Jun 2024 18:35

Instrument :
MSVOA_Y
ClientSampleId :

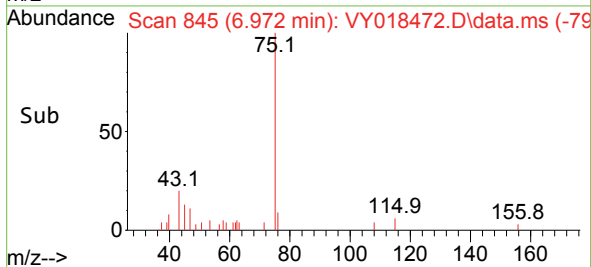
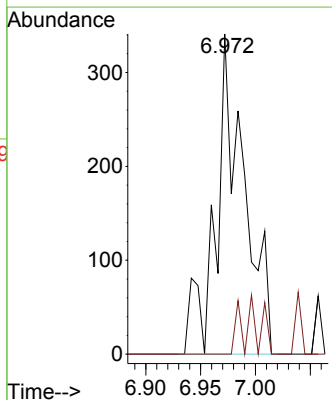
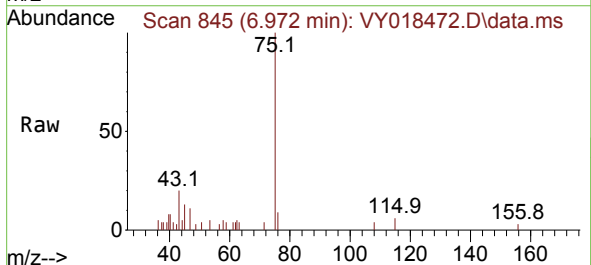


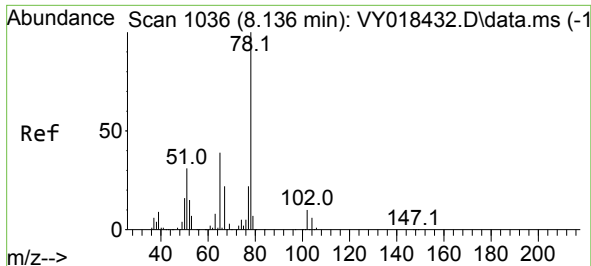
Tgt Ion: 43 Resp: 674
Ion Ratio Lower Upper
43 100
58 29.7 31.7 47.5#



#25
2-Butanone
Concen: 5.903 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY018472.D
Acq: 04 Jun 2024 18:35

Tgt Ion: 43 Resp: 614
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#





#33

1,2-Dichloroethane-d4

Concen: 55.971 ug/l

RT: 8.130 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018472.D

Acq: 04 Jun 2024 18:35

Instrument :

MSVOA_Y

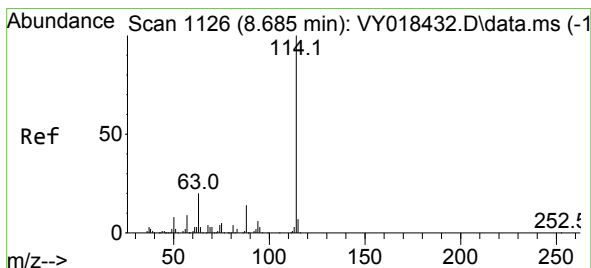
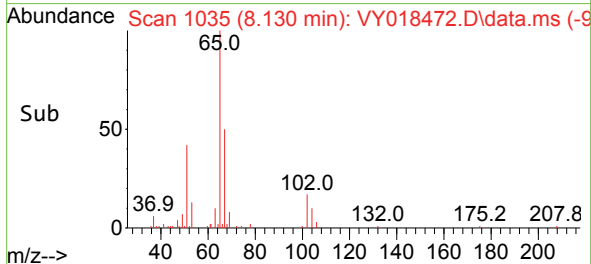
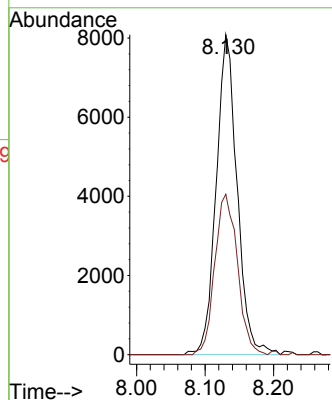
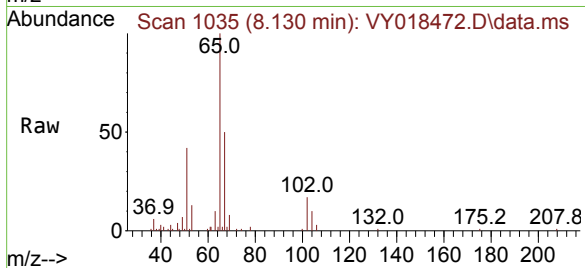
ClientSampleId :

Tgt Ion: 65 Resp: 17122

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY018472.D

Acq: 04 Jun 2024 18:35

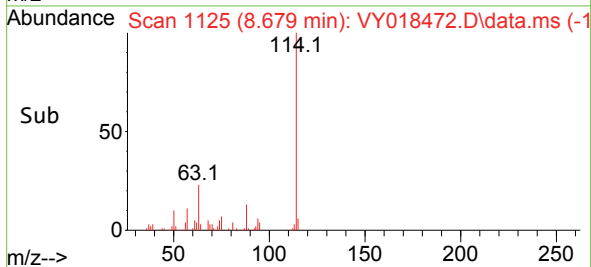
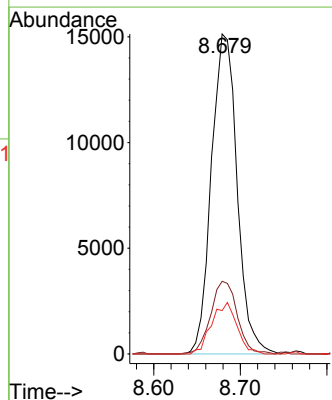
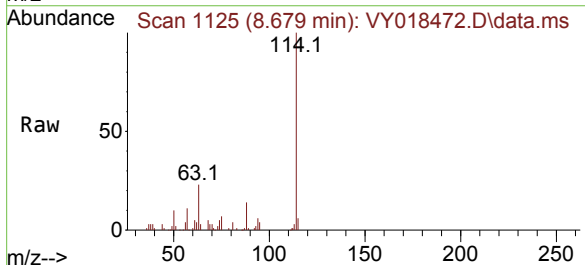
Tgt Ion: 114 Resp: 31211

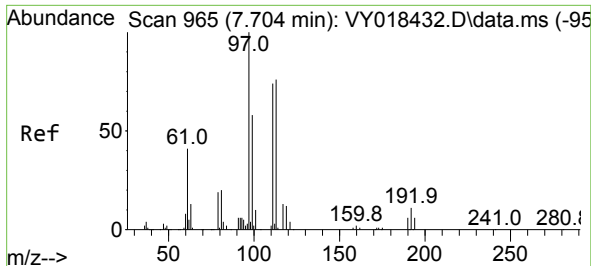
Ion Ratio Lower Upper

114 100

63 22.7 0.0 35.0

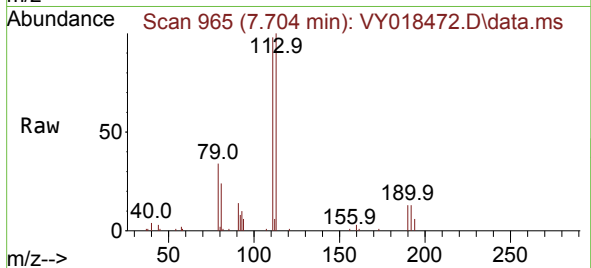
88 13.6 0.0 27.2



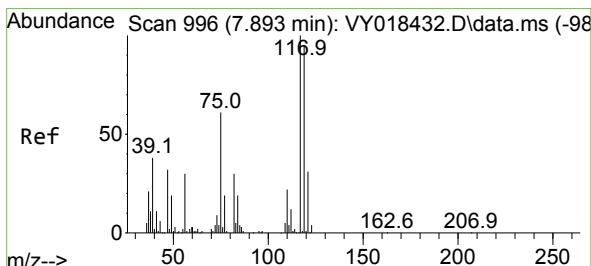
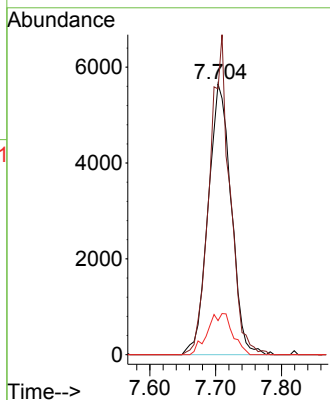
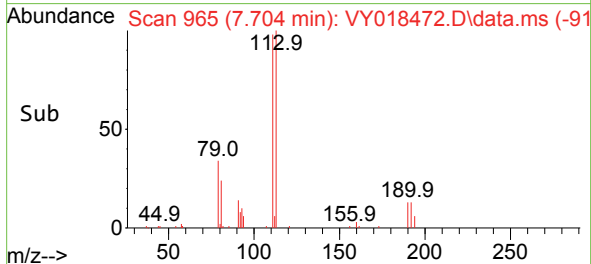


#35
Dibromofluoromethane
Concen: 34.904 ug/l
RT: 7.704 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY018472.D
Acq: 04 Jun 2024 18:35

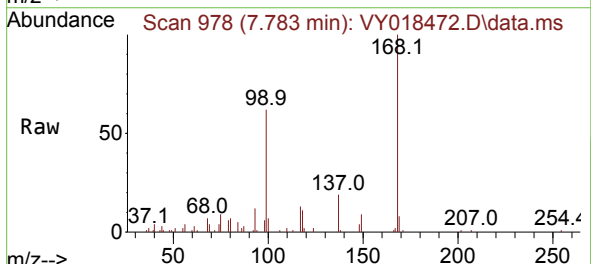
Instrument :
MSVOA_Y
ClientSampleId :



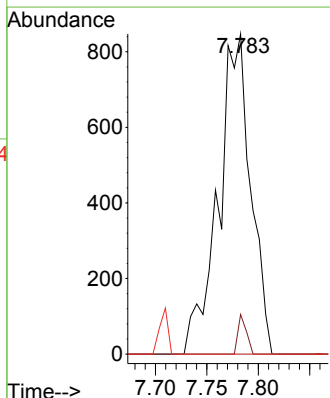
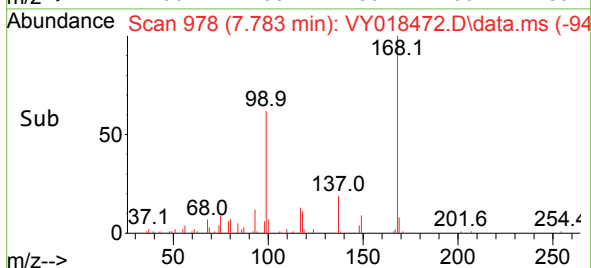
Tgt Ion:113 Resp: 13814
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 16.6 15.9 23.9

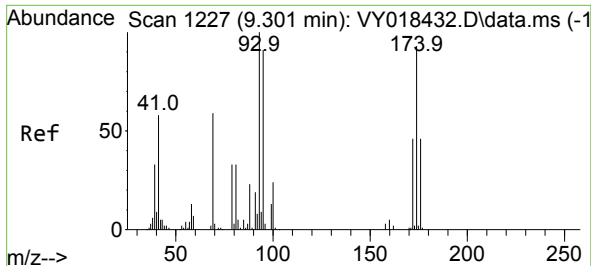


#38
Carbon Tetrachloride
Concen: 3.054 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY018472.D
Acq: 04 Jun 2024 18:35



Tgt Ion:117 Resp: 1847
Ion Ratio Lower Upper
117 100
119 12.4 75.8 113.6#
121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 6.103 ug/l

RT: 9.039 min Scan# 1184

Delta R.T. -0.262 min

Lab File: VY018472.D

Acq: 04 Jun 2024 18:35

Instrument :

MSVOA_Y

ClientSampleId :

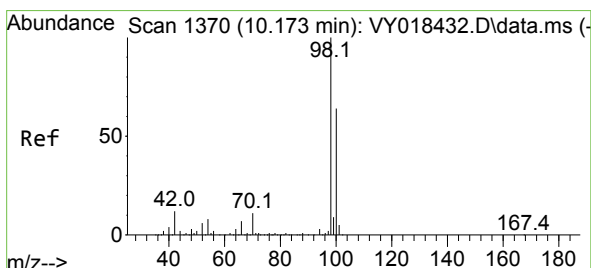
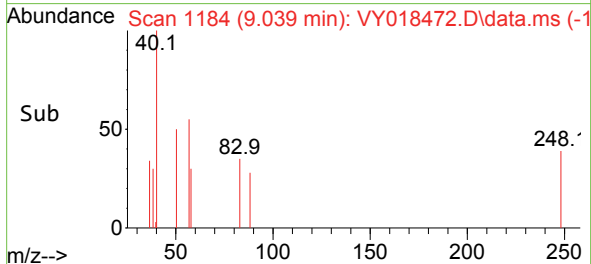
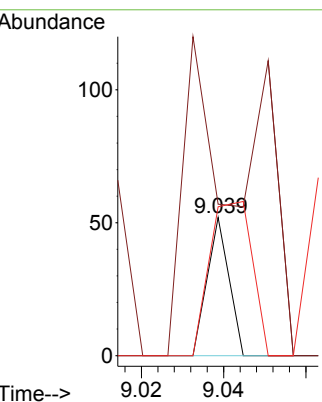
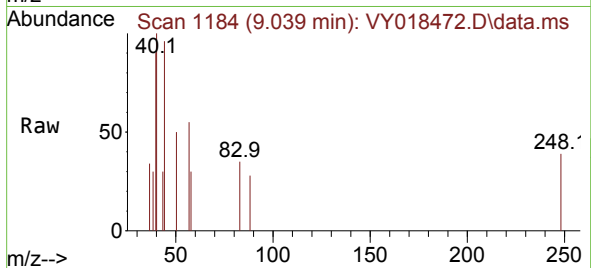
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 663.2 0.0 0.0#

58 221.1 49.3 73.9#



#50

Toluene-d8

Concen: 32.780 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018472.D

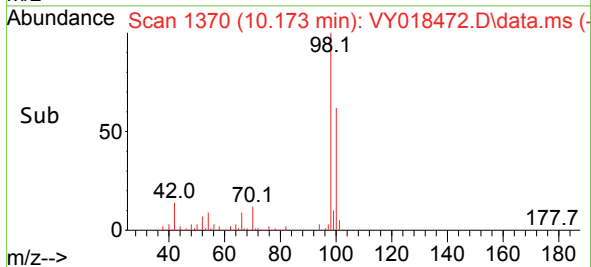
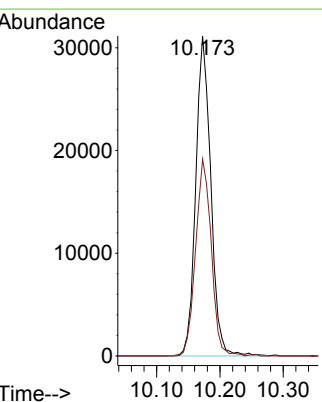
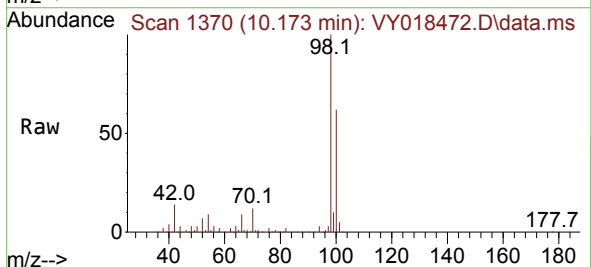
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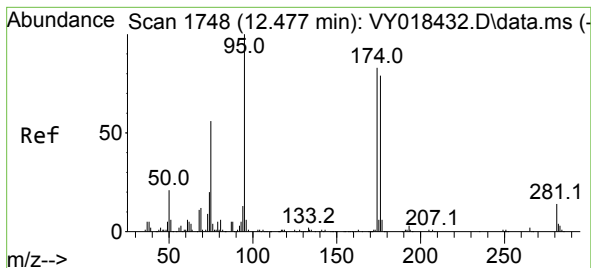
Tgt Ion: 98 Resp: 51613

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0

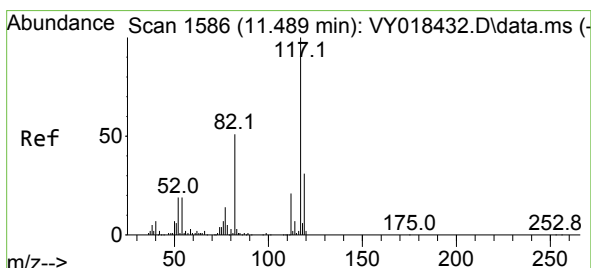
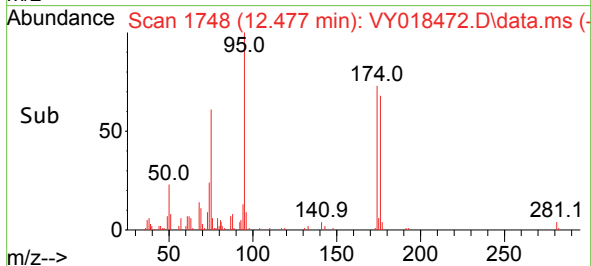
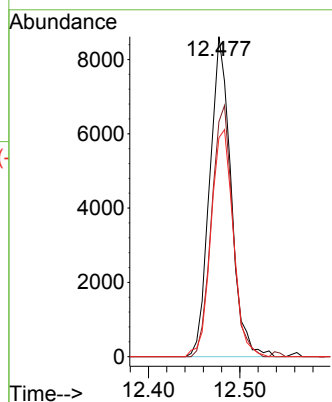
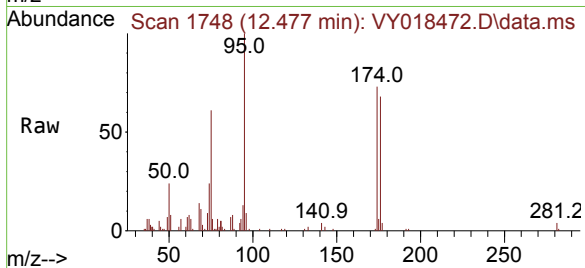




#62
4-Bromofluorobenzene
Concen: 28.397 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018472.D
Acq: 04 Jun 2024 18:35

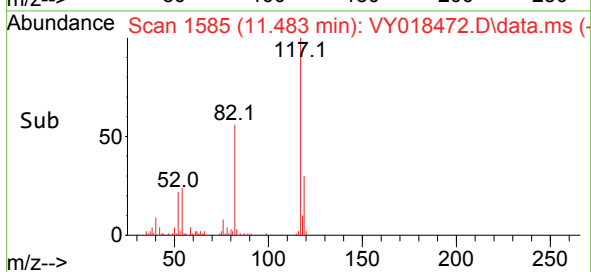
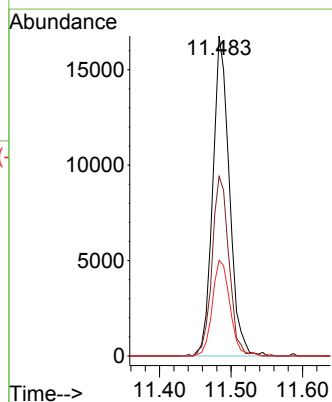
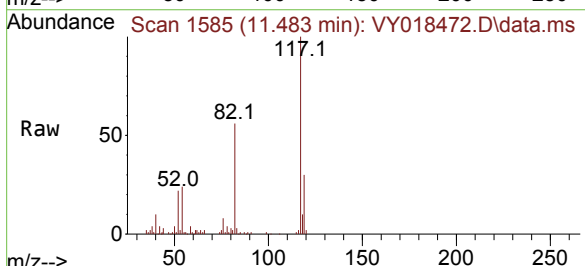
Instrument :
MSVOA_Y
ClientSampleId :

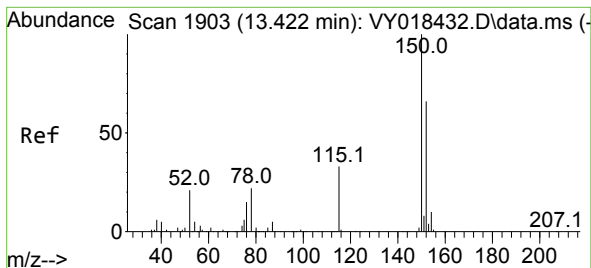
Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.2	0.0	175.6
176	74.4	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY018472.D
Acq: 04 Jun 2024 18:35

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.1	42.4	63.6
119	29.9	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY018472.D

Acq: 04 Jun 2024 18:35

Instrument :

MSVOA_Y

ClientSampleId :

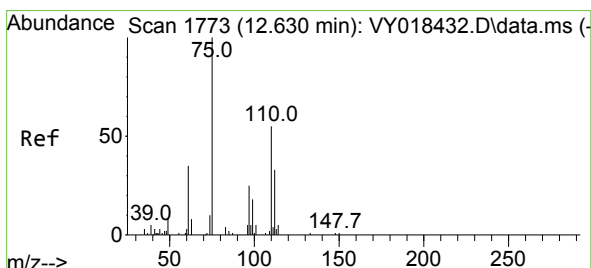
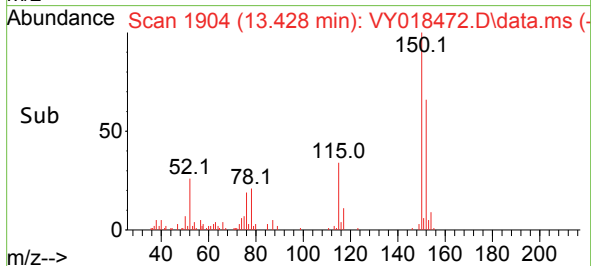
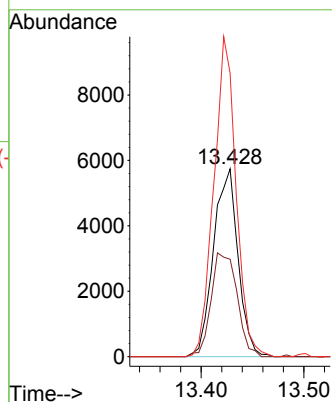
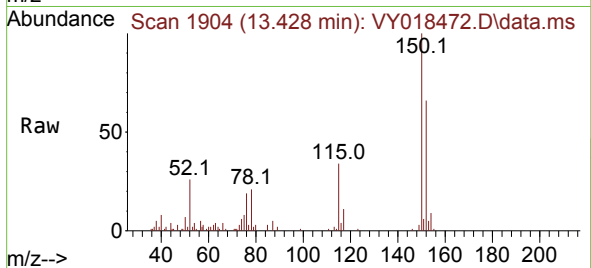
Tgt Ion:152 Resp: 9495

Ion Ratio Lower Upper

152 100

115 58.6 28.2 84.7

150 154.3 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 68.932 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY018472.D

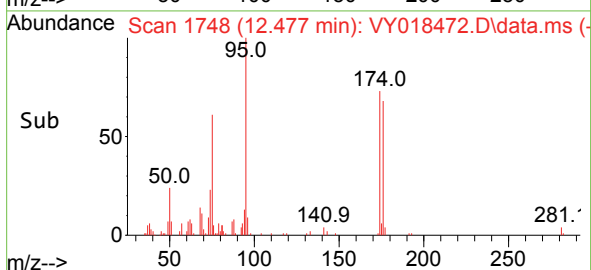
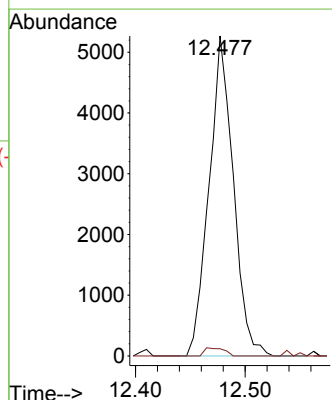
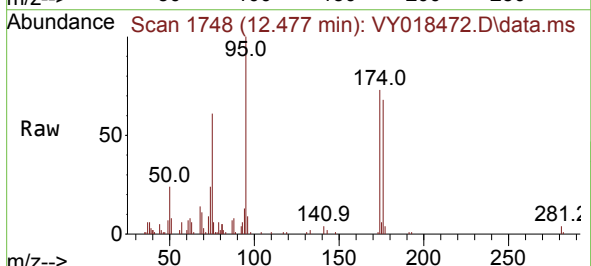
Acq: 04 Jun 2024 18:35

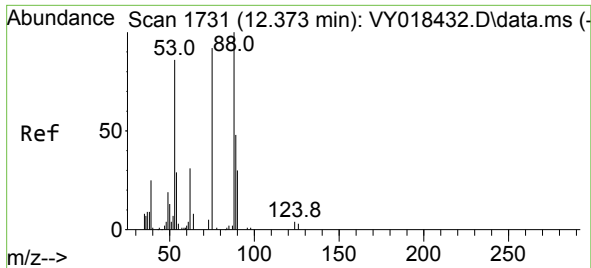
Tgt Ion: 75 Resp: 8116

Ion Ratio Lower Upper

75 100

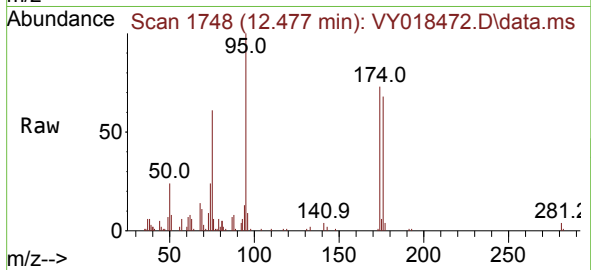
77 2.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 144.822 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018472.D
 Acq: 04 Jun 2024 18:35

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 8116
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 1.1 35.8 53.6#

