

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061924\
 Data File : VY018645.D
 Acq On : 19 Jun 2024 15:21
 Operator : SY/MD
 Sample : P2955-06
 Misc : 4.35g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 20 02:11:58 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)

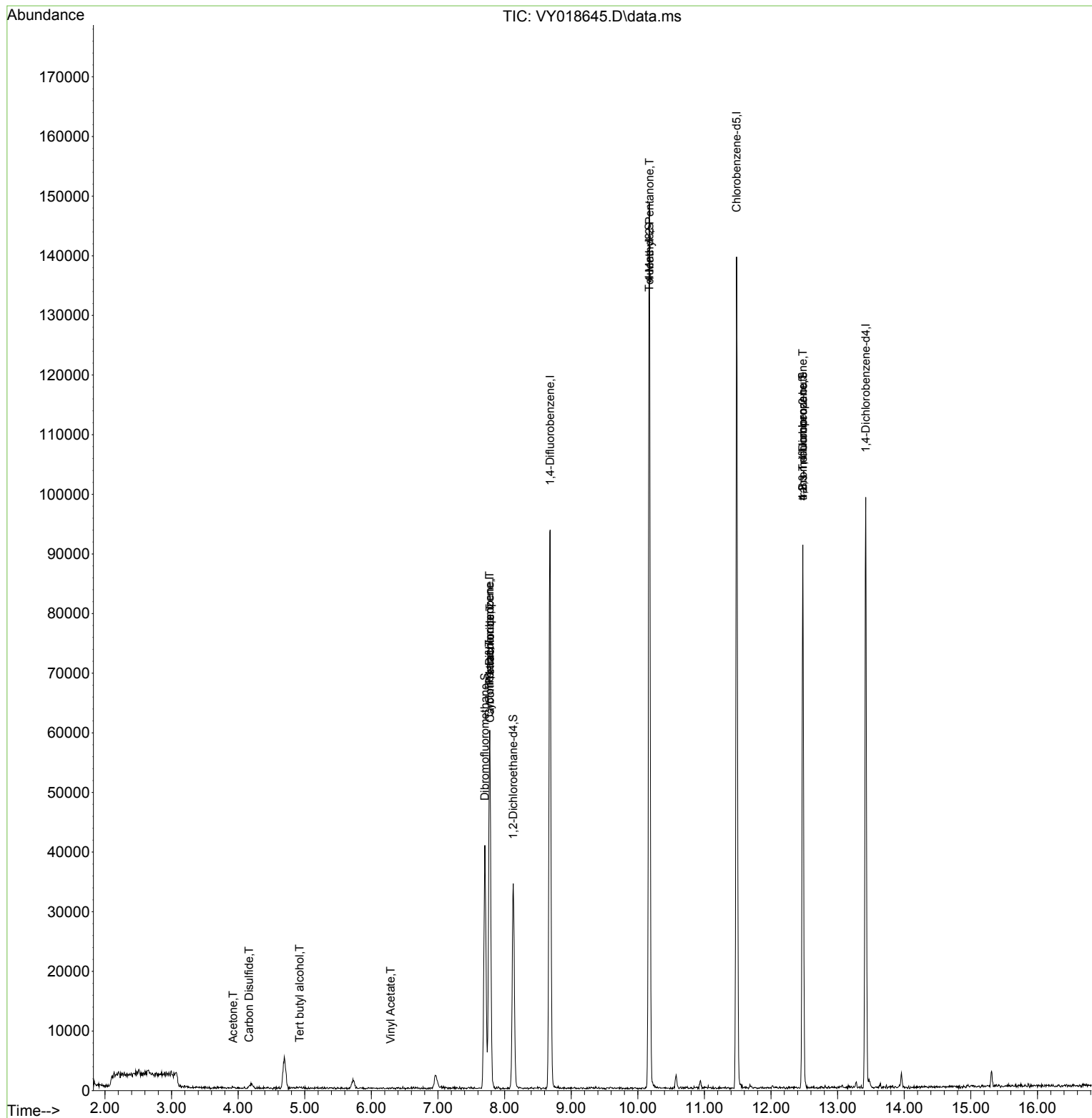
Internal Standards						
1) Pentafluorobenzene	7.777	168	46846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	83175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	73816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	24452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	27471	58.246	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.500%
35) Dibromofluoromethane	7.704	113	27942	55.071	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.140%
50) Toluene-d8	10.173	98	97871	50.159	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.320%
62) 4-Bromofluorobenzene	12.477	95	25837	41.934	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.860%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	171	2.016	ug/l #	88
16) Acetone	3.924	43	353	3.679	ug/l #	36
17) Carbon Disulfide	4.161	76	54	2.257	ug/l #	76
20) Methylene Chloride	4.692	84	3611	Below Cal	#	83
23) Vinyl Acetate	6.289	43	20	23.710	ug/l #	67
31) Cyclohexane	7.771	56	1196	1.655	ug/l #	50
36) 1,1-Dichloropropene	7.777	75	3835	5.491	ug/l #	46
38) Carbon Tetrachloride	7.783	117	4859	6.632	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	351	1.084	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	13932	60.740	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	13932	159.101	ug/l #	16

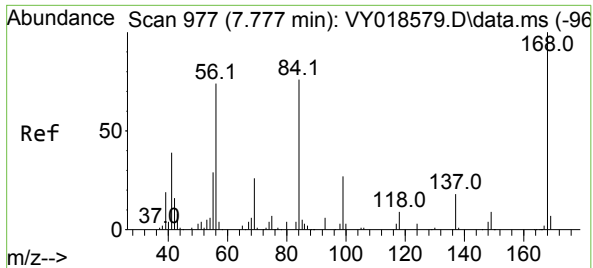
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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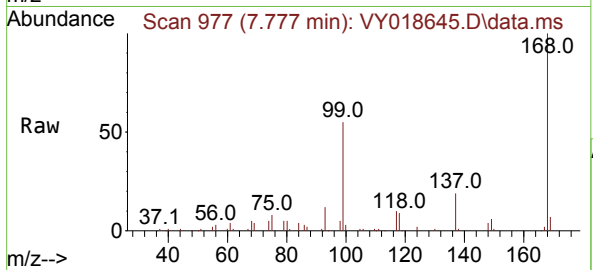
Quant Time: Jun 20 02:11:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
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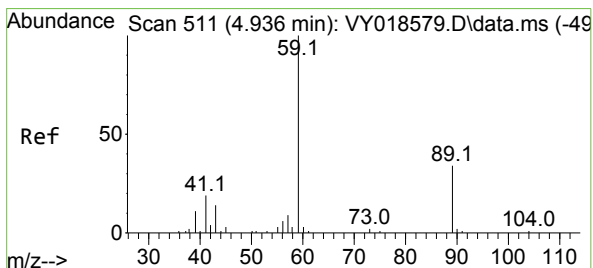
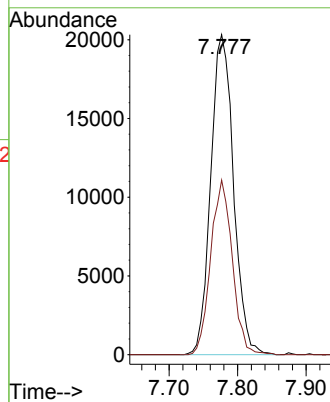
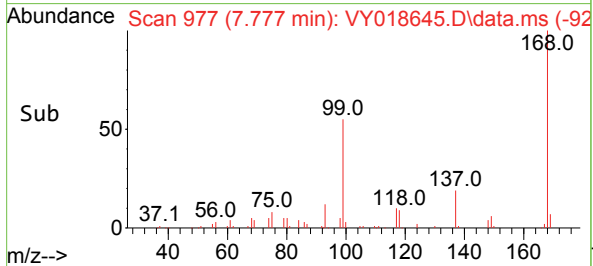


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018645.D
Acq: 19 Jun 2024 15:21

Instrument :
MSVOA_Y
ClientSampleId :

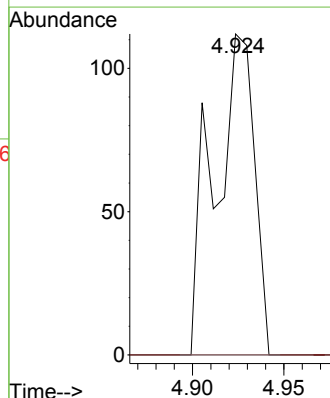
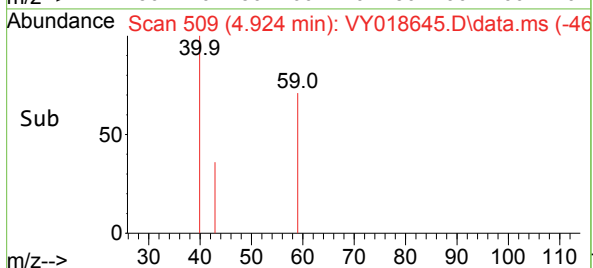
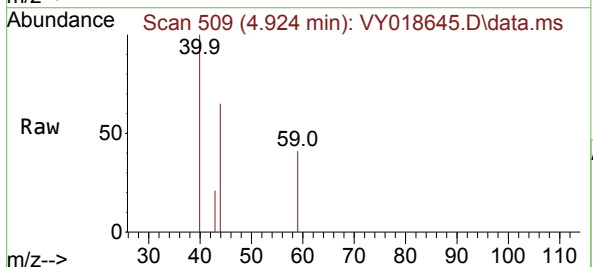


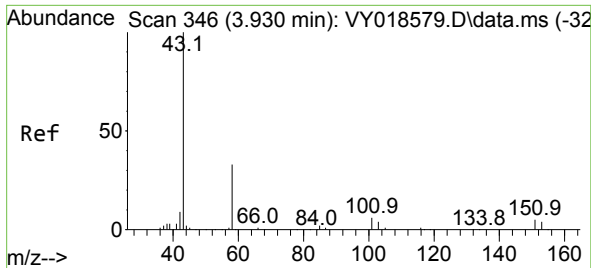
Tgt Ion:168 Resp: 46846
Ion Ratio Lower Upper
168 100
99 54.5 39.1 58.7



#11
Tert butyl alcohol
Concen: 2.016 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.012 min
Lab File: VY018645.D
Acq: 19 Jun 2024 15:21

Tgt Ion: 59 Resp: 171
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 3.679 ug/l

RT: 3.924 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY018645.D

Acq: 19 Jun 2024 15:21

Instrument :

MSVOA_Y

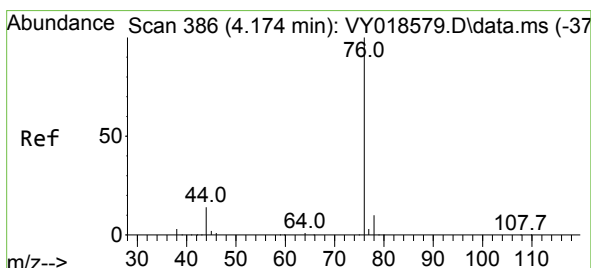
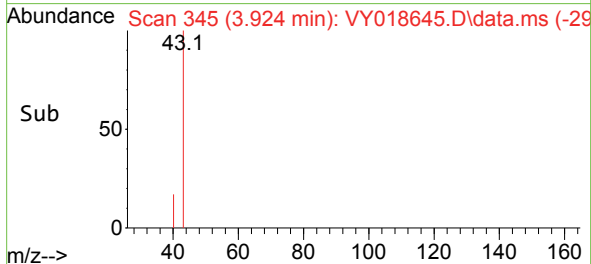
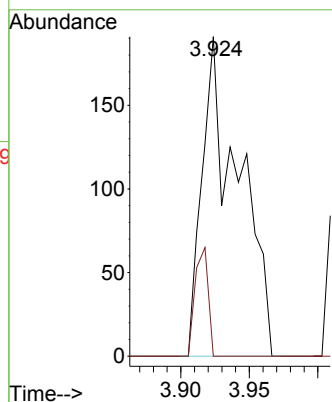
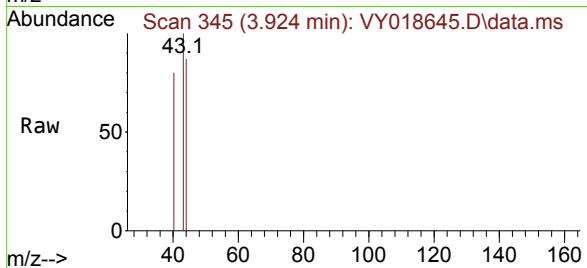
ClientSampleId :

Tgt Ion: 43 Resp: 353

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#17

Carbon Disulfide

Concen: 2.257 ug/l

RT: 4.161 min Scan# 384

Delta R.T. -0.013 min

Lab File: VY018645.D

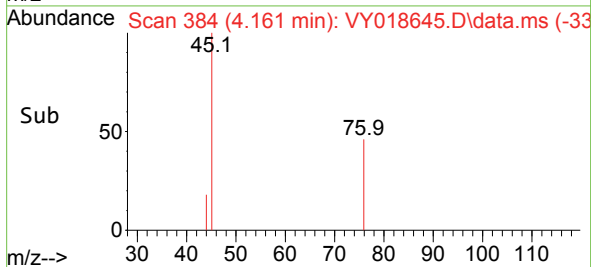
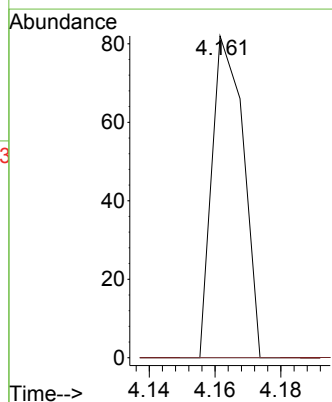
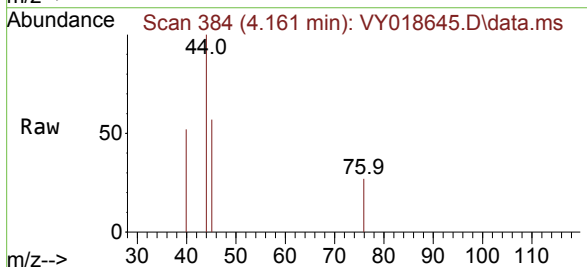
Acq: 19 Jun 2024 15:21

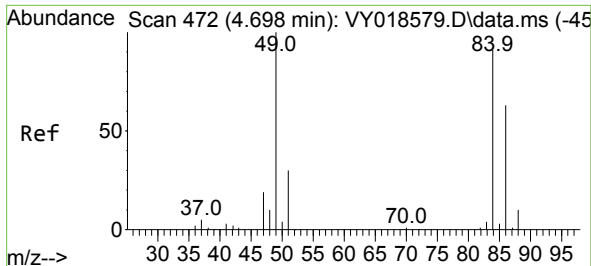
Tgt Ion: 76 Resp: 54

Ion Ratio Lower Upper

76 100

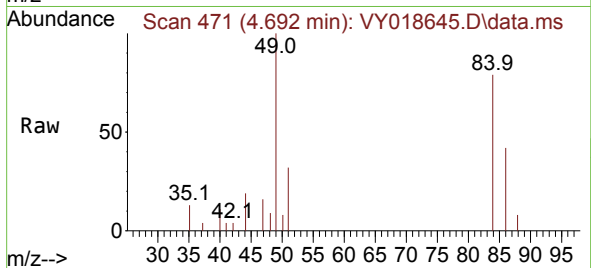
78 0.0 6.8 10.2#





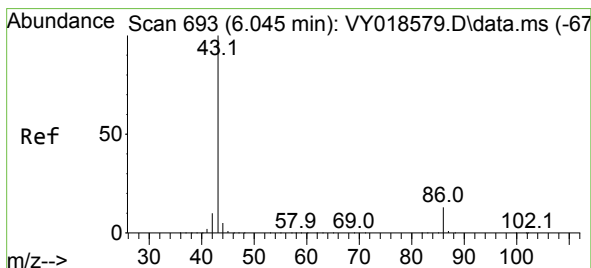
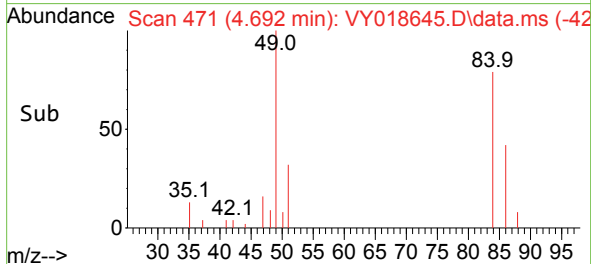
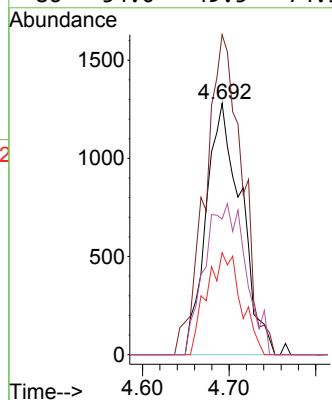
#20
Methylene Chloride
Concen: Below Cal
RT: 4.692 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018645.D
Acq: 19 Jun 2024 15:21

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 3611

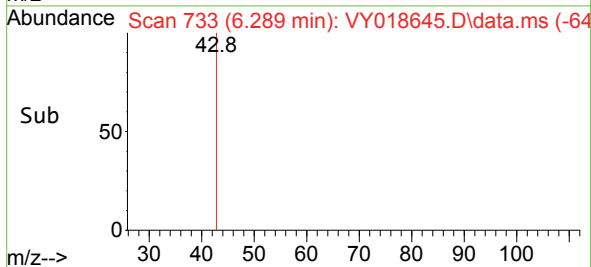
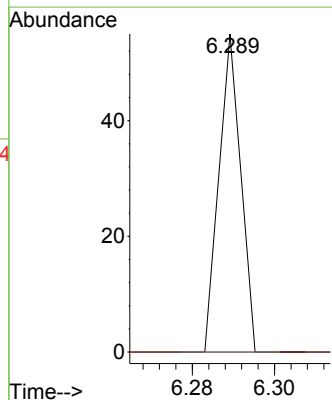
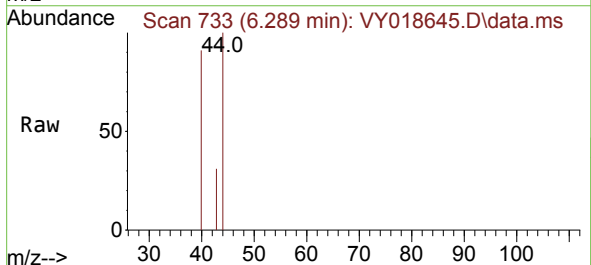
Ion	Ratio	Lower	Upper
84	100		
49	127.3	84.4	126.6#
51	40.5	26.0	39.0#
86	54.0	49.5	74.3

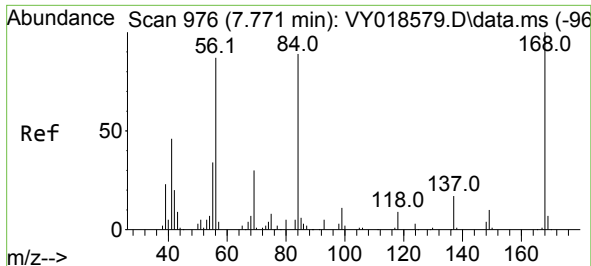


#23
Vinyl Acetate
Concen: 23.710 ug/l
RT: 6.289 min Scan# 733
Delta R.T. 0.244 min
Lab File: VY018645.D
Acq: 19 Jun 2024 15:21

Tgt Ion: 43 Resp: 20

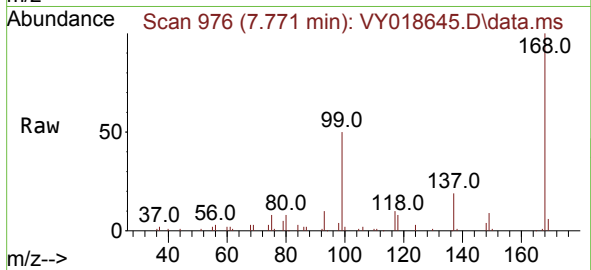
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.6	16.0#



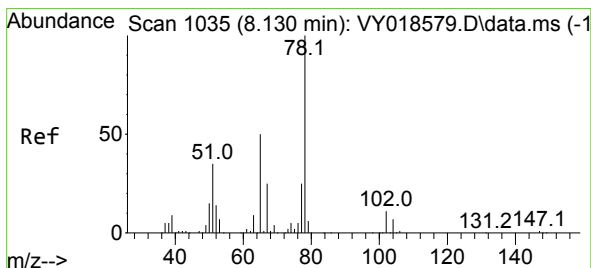
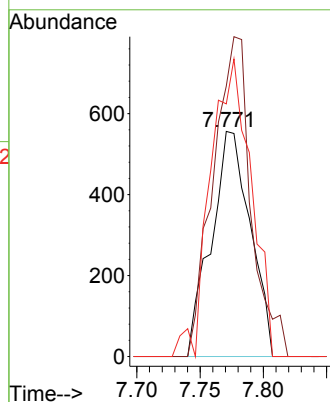
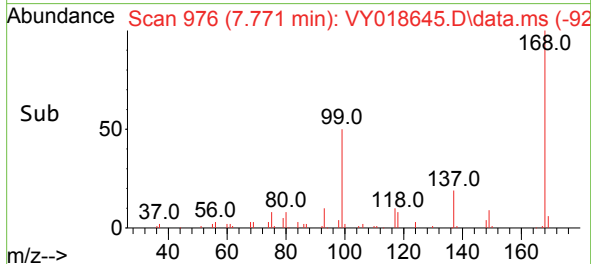


#31
Cyclohexane
Concen: 1.655 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018645.D
Acq: 19 Jun 2024 15:21

Instrument :
MSVOA_Y
ClientSampleId :

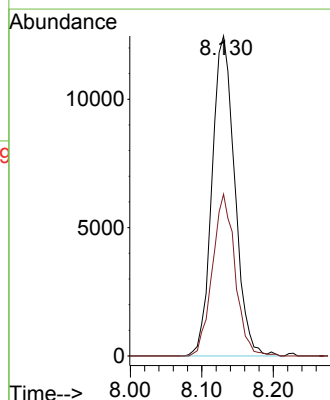
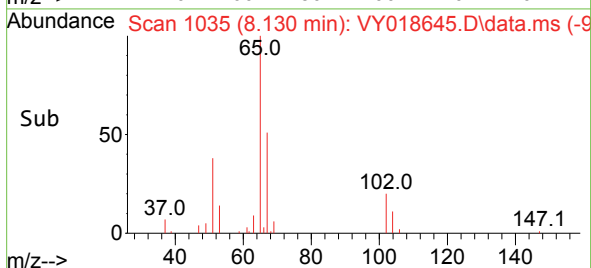
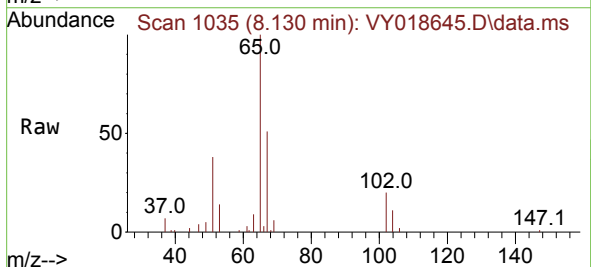


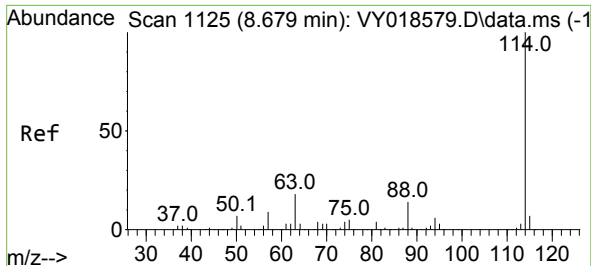
Tgt Ion: 56 Resp: 1196
Ion Ratio Lower Upper
56 100
69 120.1 28.7 43.1#
84 112.2 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 58.246 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018645.D
Acq: 19 Jun 2024 15:21

Tgt Ion: 65 Resp: 27471
Ion Ratio Lower Upper
65 100
67 50.7 0.0 109.6

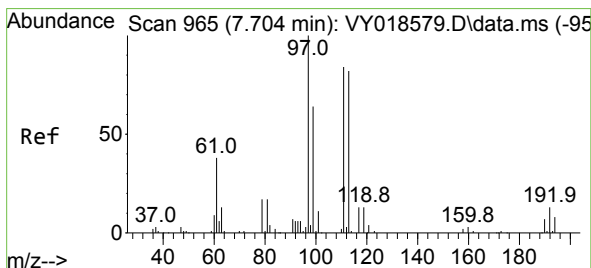
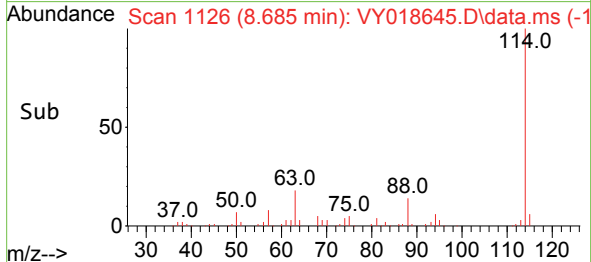
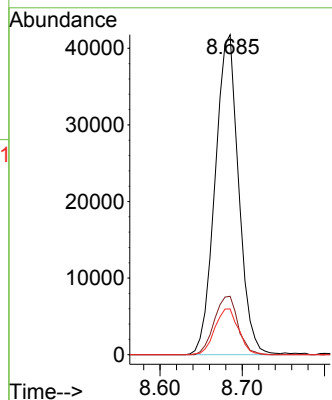
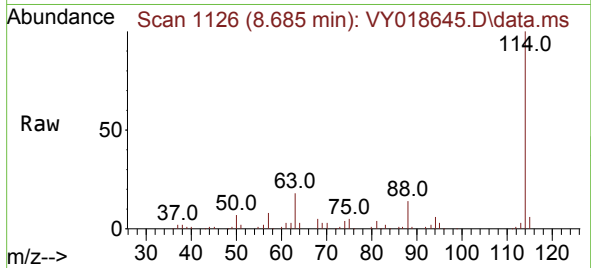




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VY018645.D
Acq: 19 Jun 2024 15:21

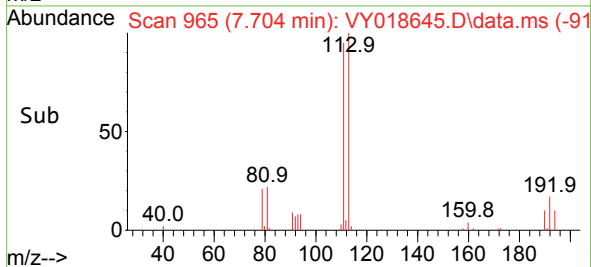
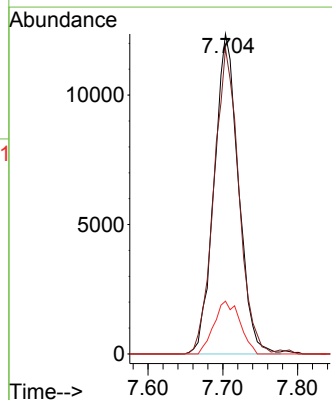
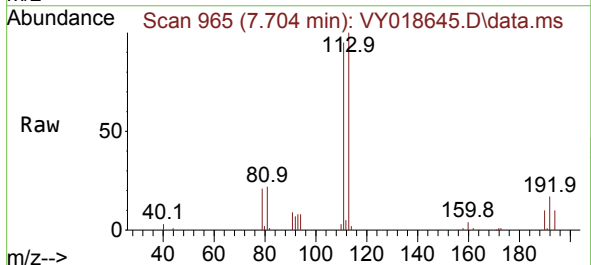
Instrument :
MSVOA_Y
ClientSampleId :

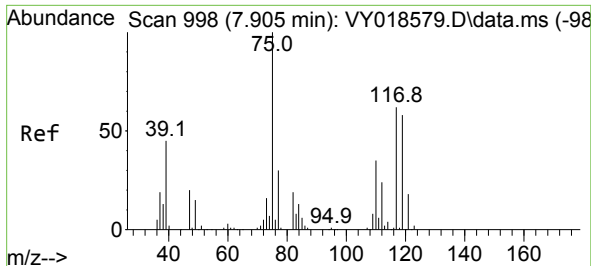
Tgt Ion:114 Resp: 83175
Ion Ratio Lower Upper
114 100
63 18.3 0.0 35.0
88 14.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 55.071 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY018645.D
Acq: 19 Jun 2024 15:21

Tgt Ion:113 Resp: 27942
Ion Ratio Lower Upper
113 100
111 98.1 82.2 123.4
192 17.7 15.9 23.9

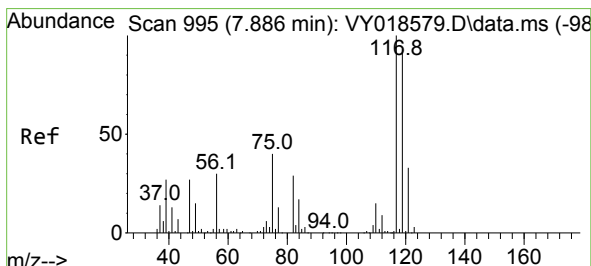
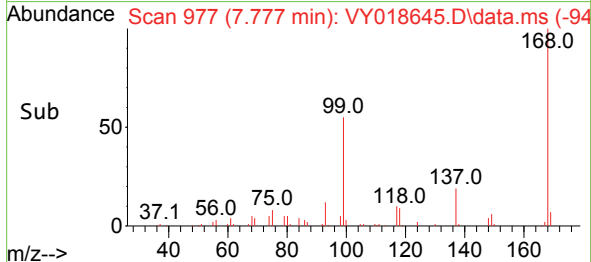
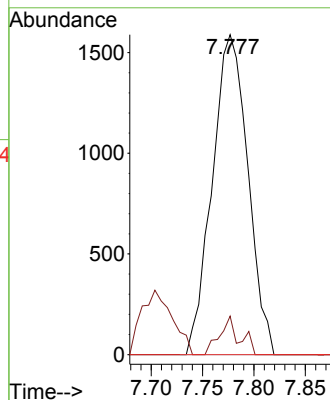
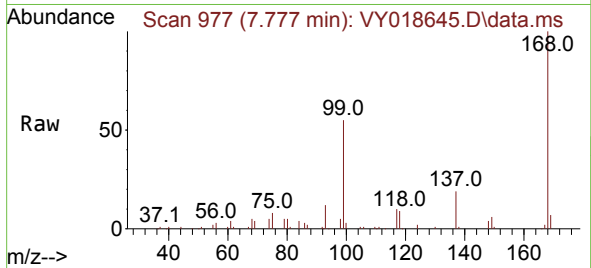




#36
1,1-Dichloropropene
Concen: 5.491 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018645.D
Acq: 19 Jun 2024 15:21

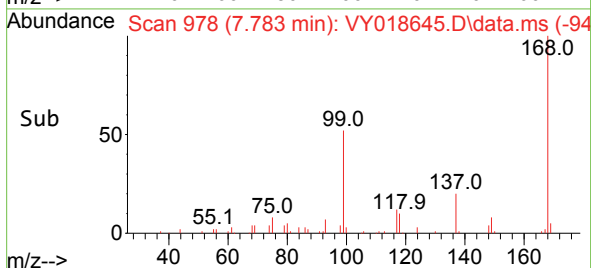
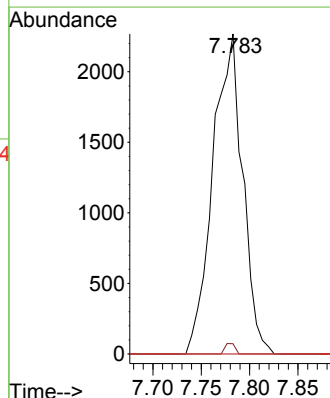
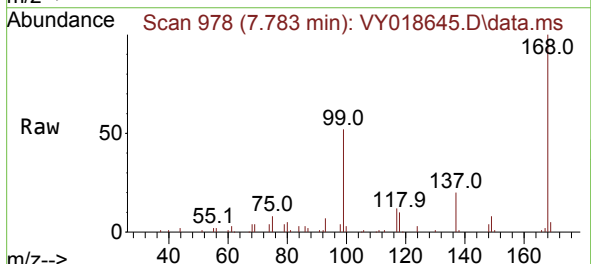
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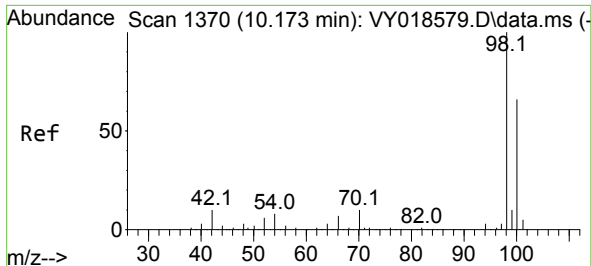
Tgt Ion: 75 Resp: 3835
Ion Ratio Lower Upper
75 100
110 6.6 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.632 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.104 min
Lab File: VY018645.D
Acq: 19 Jun 2024 15:21

Tgt Ion: 117 Resp: 4859
Ion Ratio Lower Upper
117 100
119 3.2 75.8 113.6#
121 0.0 24.0 36.0#

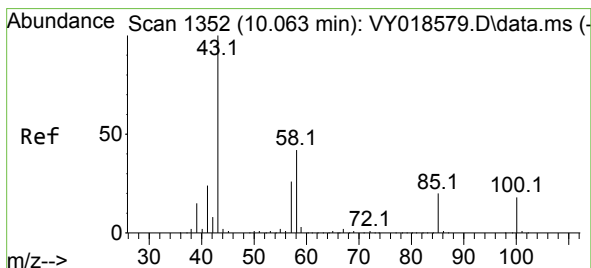
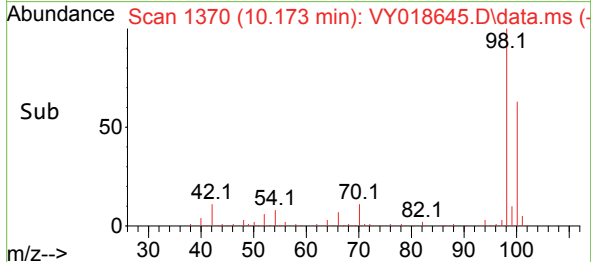
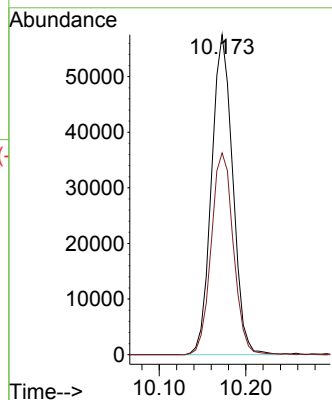
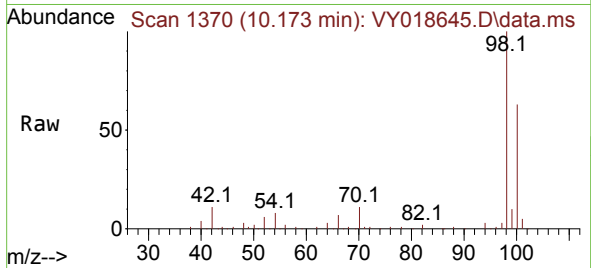




#50
Toluene-d8
Concen: 50.159 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018645.D
Acq: 19 Jun 2024 15:21

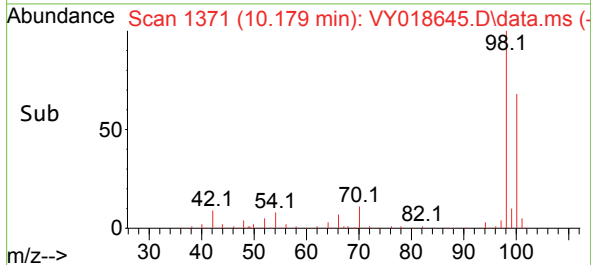
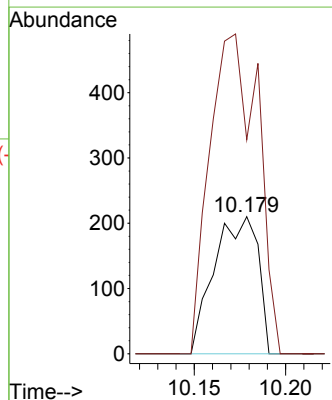
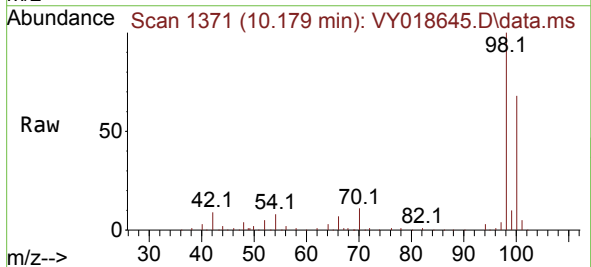
Instrument :
MSVOA_Y
ClientSampleId :

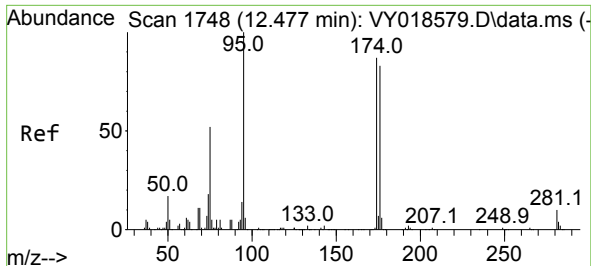
Tgt Ion: 98 Resp: 97871
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.084 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.116 min
Lab File: VY018645.D
Acq: 19 Jun 2024 15:21

Tgt Ion: 43 Resp: 351
Ion Ratio Lower Upper
43 100
58 255.0 35.7 53.5#

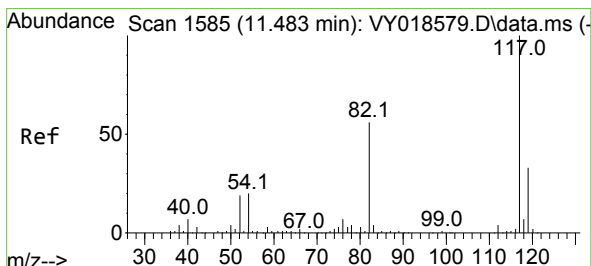
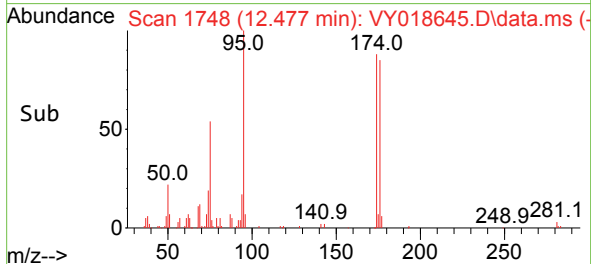
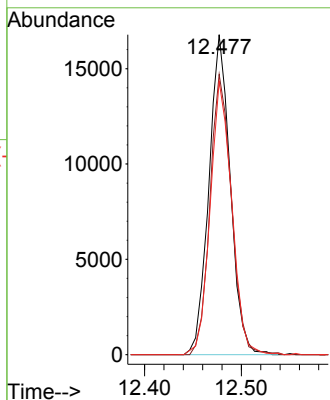
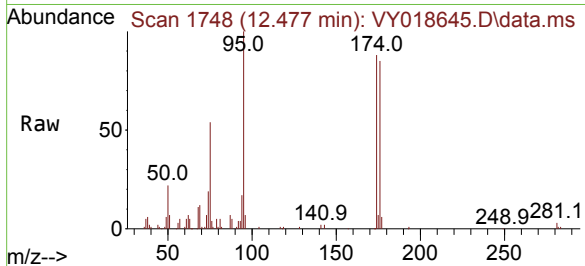




#62
4-Bromofluorobenzene
Concen: 41.934 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY018645.D
Acq: 19 Jun 2024 15:21

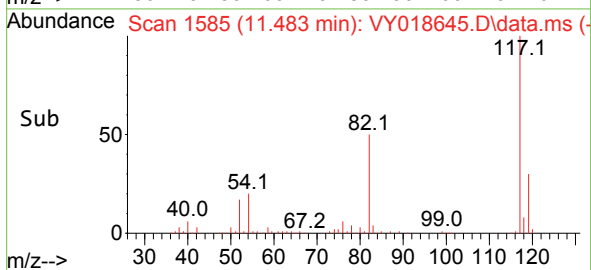
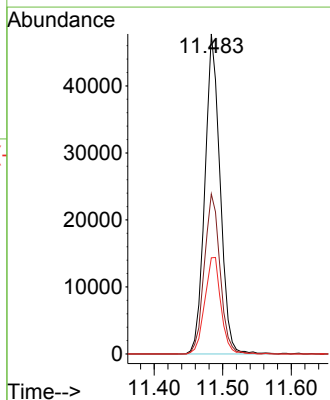
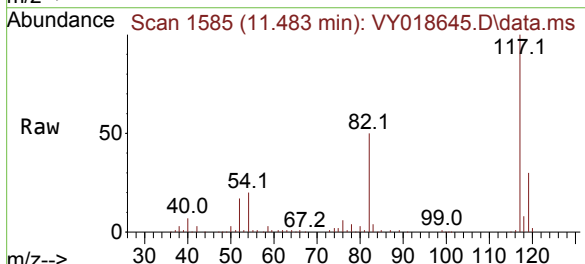
Instrument :
MSVOA_Y
ClientSampleId :

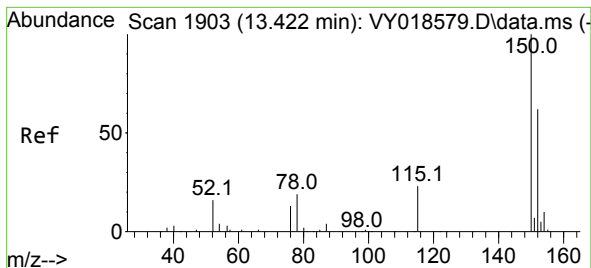
Tgt Ion: 95 Resp: 25837
Ion Ratio Lower Upper
95 100
174 87.8 0.0 175.6
176 86.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VY018645.D
Acq: 19 Jun 2024 15:21

Tgt Ion: 117 Resp: 73816
Ion Ratio Lower Upper
117 100
82 50.0 42.4 63.6
119 30.0 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: VY018645.D

Acq: 19 Jun 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

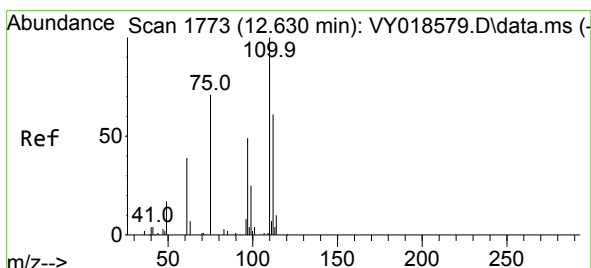
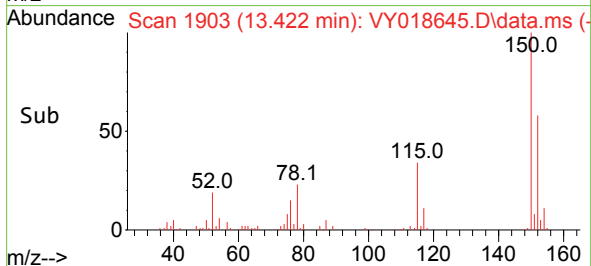
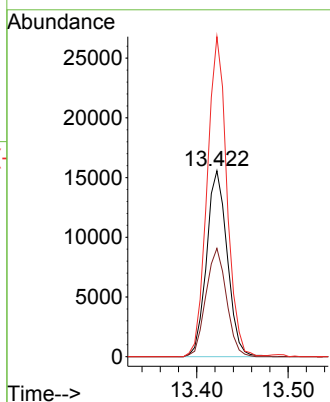
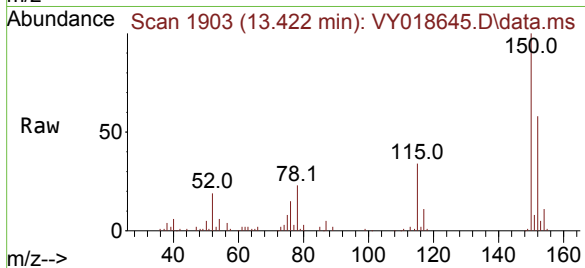
Tgt Ion:152 Resp: 24452

Ion Ratio Lower Upper

152 100

115 57.7 28.2 84.7

150 163.9 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 60.740 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY018645.D

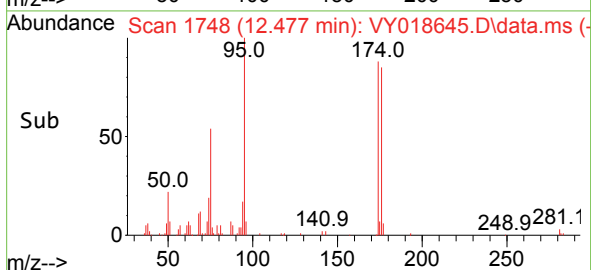
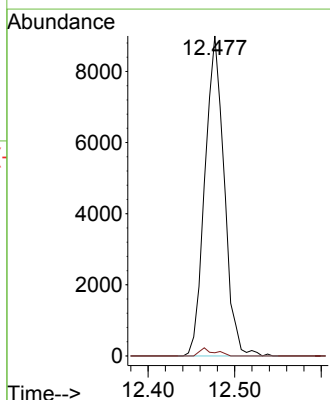
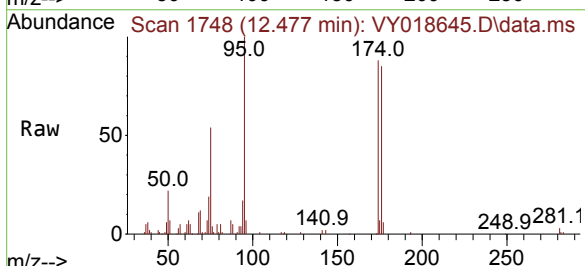
Acq: 19 Jun 2024 15:21

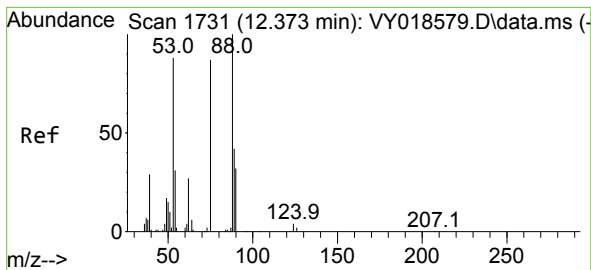
Tgt Ion: 75 Resp: 13932

Ion Ratio Lower Upper

75 100

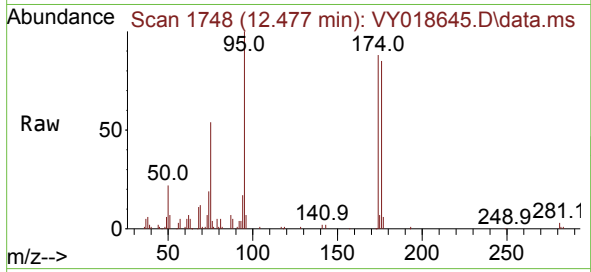
77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 159.101 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018645.D
 Acq: 19 Jun 2024 15:21

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 13932
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

