

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061424\
 Data File : VY018586.D
 Acq On : 14 Jun 2024 11:38
 Operator : SY/MD
 Sample : VY0614SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 14 23:19:43 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)

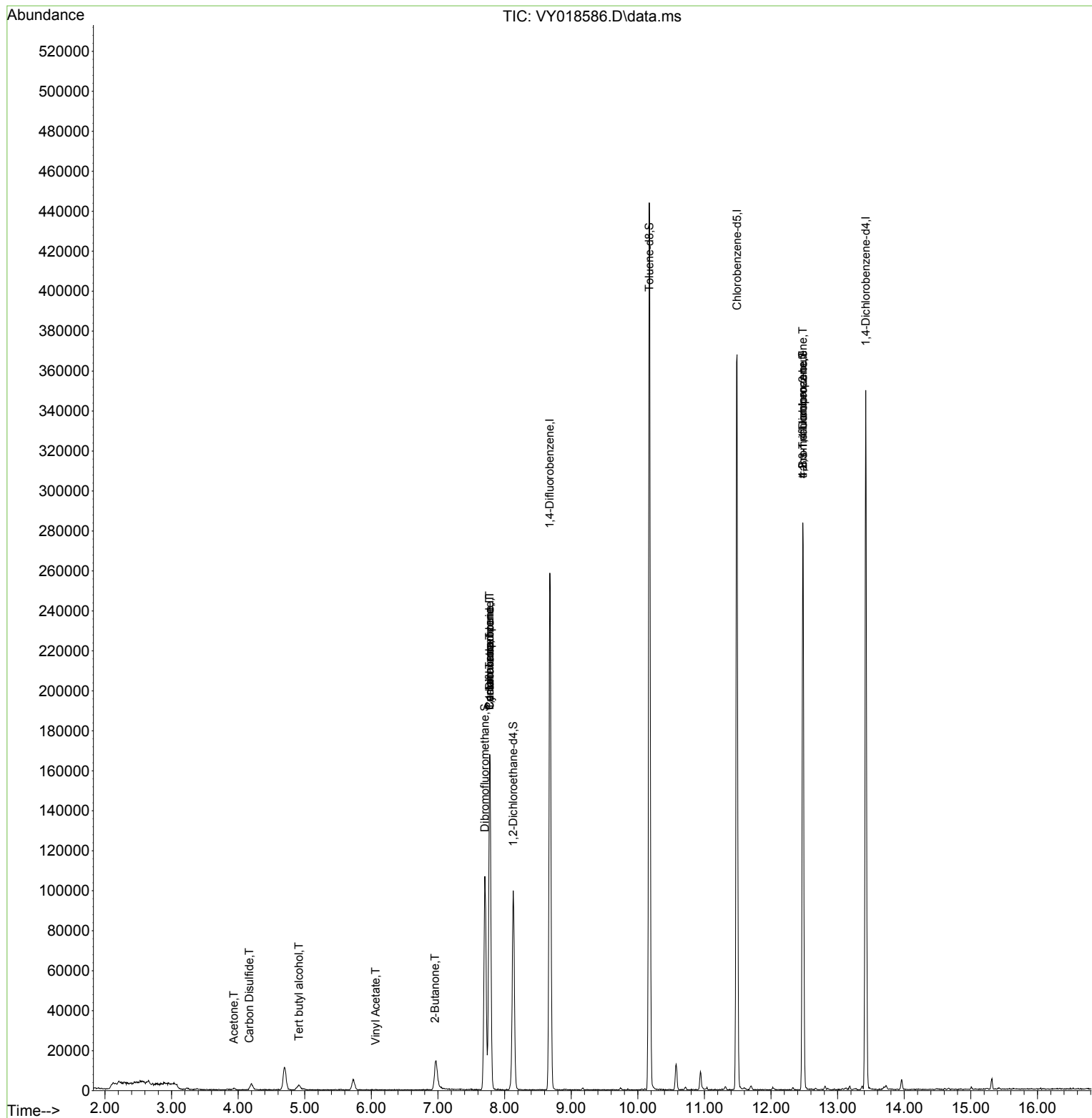
Internal Standards						
1) Pentafluorobenzene	7.777	168	127138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	228381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	205681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	86926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	74567	58.255	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.500%
35) Dibromofluoromethane	7.703	113	73727	52.921	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.840%
50) Toluene-d8	10.172	98	284156	53.038	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.080%
62) 4-Bromofluorobenzene	12.477	95	82640	48.848	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.700%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.911	59	2683	11.653	ug/l #	88
16) Acetone	3.936	43	1239	4.758	ug/l #	61
17) Carbon Disulfide	4.167	76	237	2.281	ug/l #	76
20) Methylene Chloride	4.692	84	8267	Below Cal		86
23) Vinyl Acetate	6.063	43	183	23.741	ug/l #	67
25) 2-Butanone	6.954	43	693	1.775	ug/l #	41
31) Cyclohexane	7.777	56	3011	1.536	ug/l #	46
36) 1,1-Dichloropropene	7.777	75	10499	5.475	ug/l #	49
38) Carbon Tetrachloride	7.777	117	13414	6.667	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	46649	57.210	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	46649	149.854	ug/l #	16

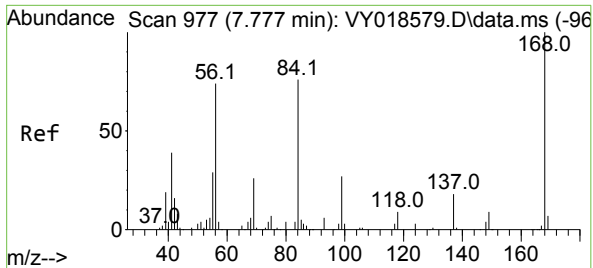
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 14 23:19:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

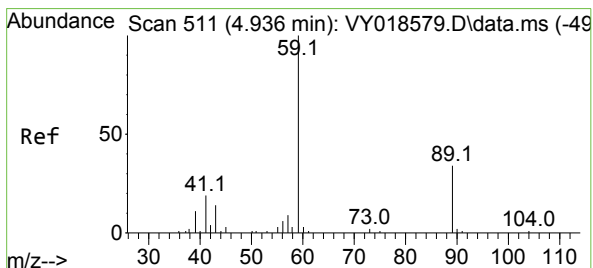
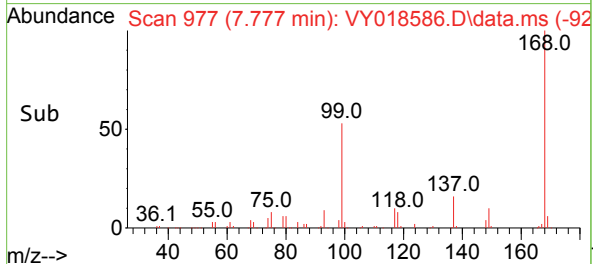
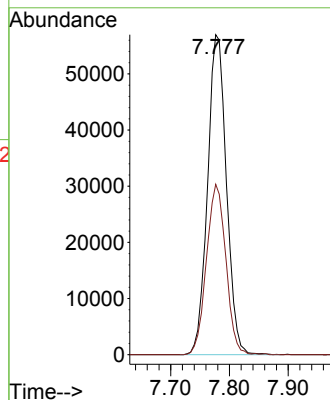
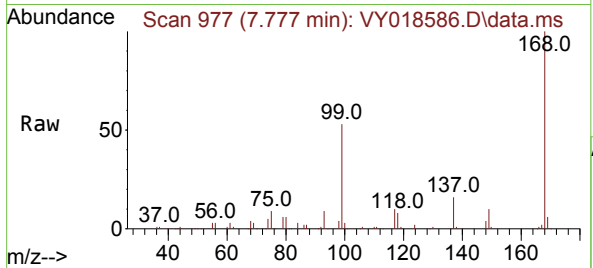




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018586.D
Acq: 14 Jun 2024 11:38

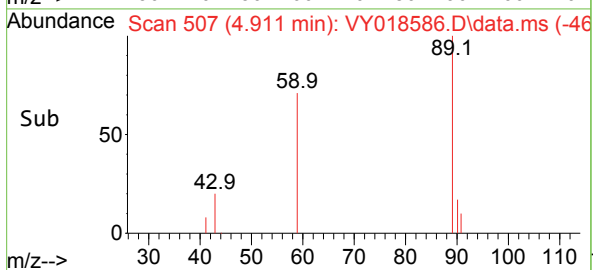
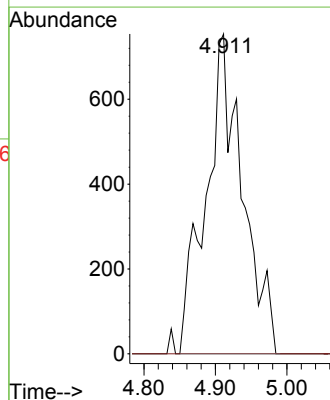
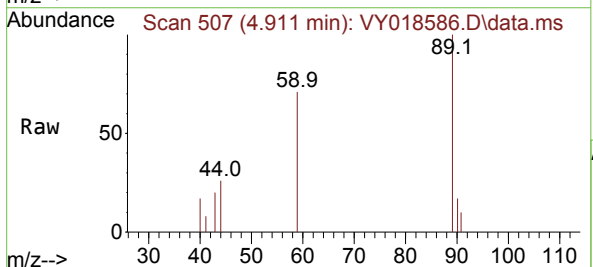
Instrument :
MSVOA_Y
ClientSampleId :

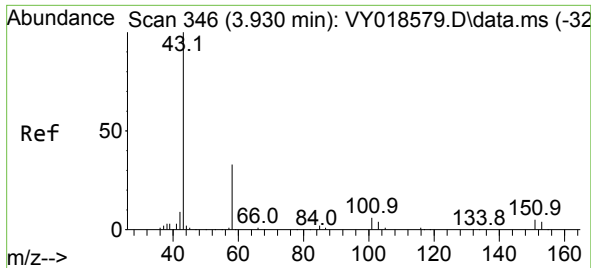
Tgt Ion:168 Resp: 127138
Ion Ratio Lower Upper
168 100
99 53.2 39.1 58.7



#11
Tert butyl alcohol
Concen: 11.653 ug/l
RT: 4.911 min Scan# 507
Delta R.T. -0.025 min
Lab File: VY018586.D
Acq: 14 Jun 2024 11:38

Tgt Ion: 59 Resp: 2683
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 4.758 ug/l

RT: 3.936 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY018586.D

Acq: 14 Jun 2024 11:38

Instrument :

MSVOA_Y

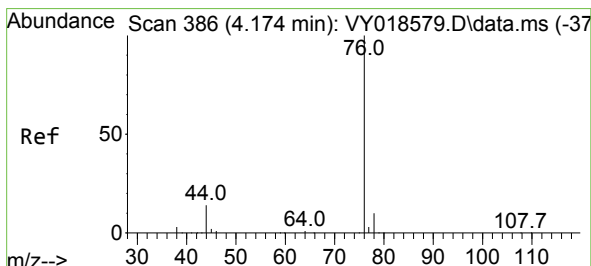
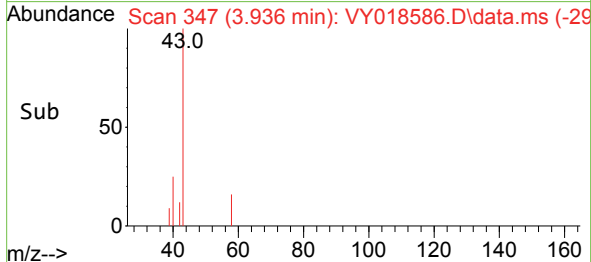
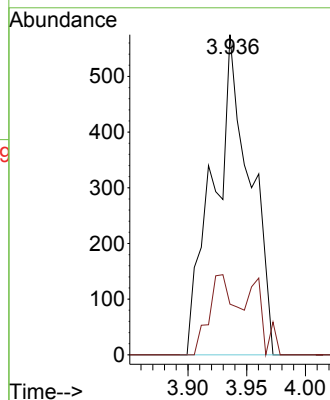
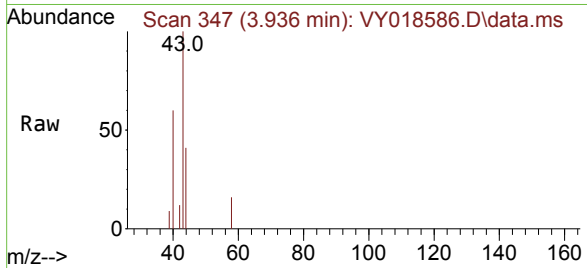
ClientSampleId :

Tgt Ion: 43 Resp: 1239

Ion Ratio Lower Upper

43 100

58 15.8 31.7 47.5#



#17

Carbon Disulfide

Concen: 2.281 ug/l

RT: 4.167 min Scan# 385

Delta R.T. -0.007 min

Lab File: VY018586.D

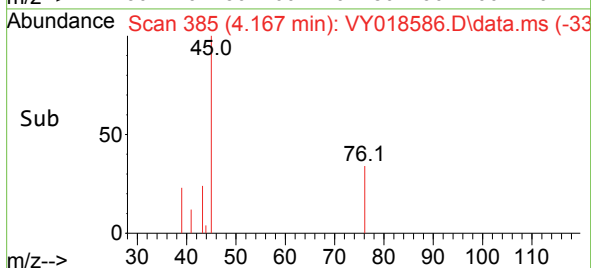
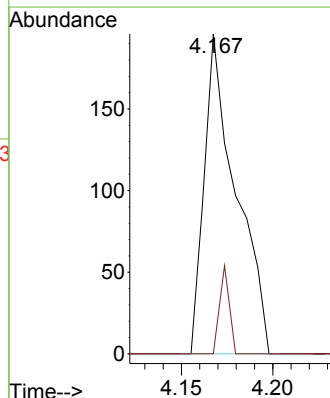
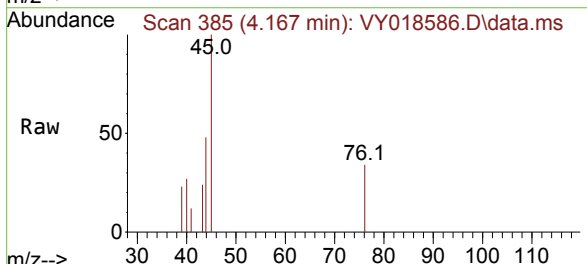
Acq: 14 Jun 2024 11:38

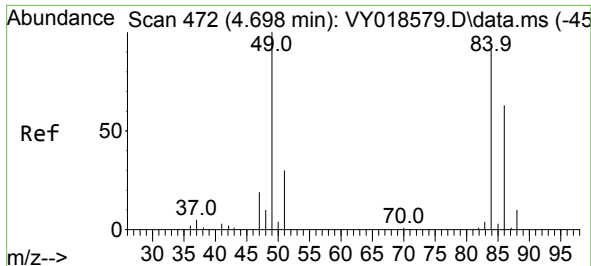
Tgt Ion: 76 Resp: 237

Ion Ratio Lower Upper

76 100

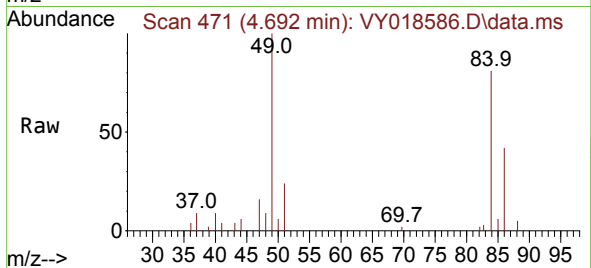
78 0.0 6.8 10.2#



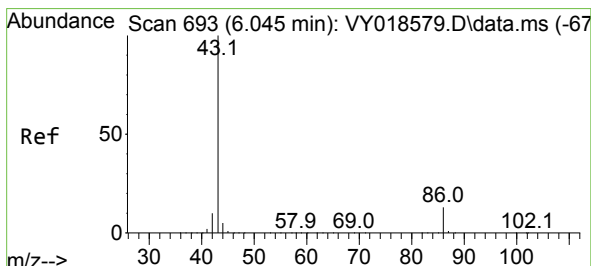
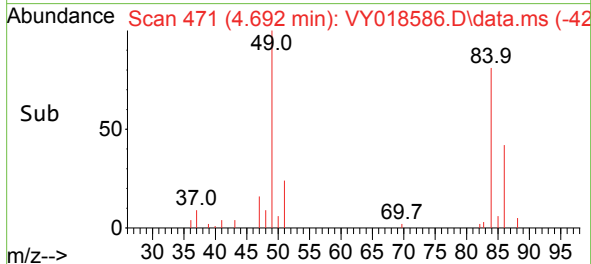
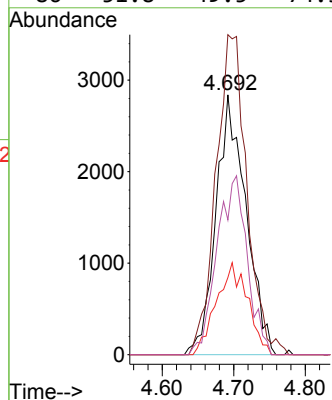


#20
Methylene Chloride
Concen: Below Cal
RT: 4.692 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018586.D
Acq: 14 Jun 2024 11:38

Instrument :
MSVOA_Y
ClientSampleId :

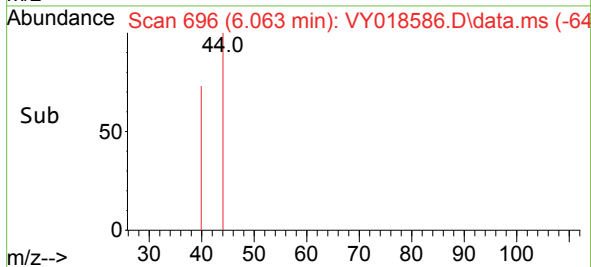
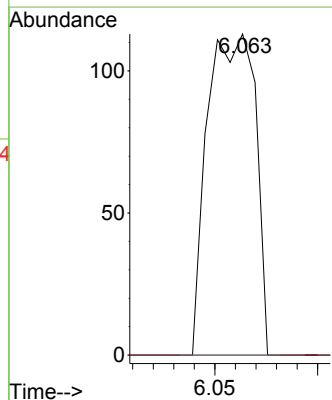
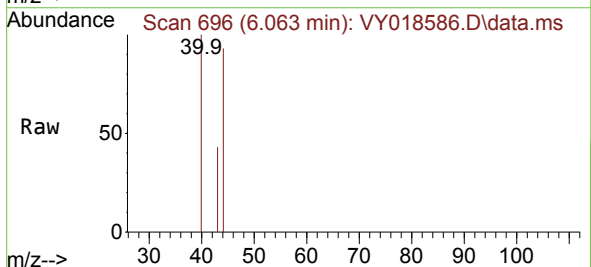


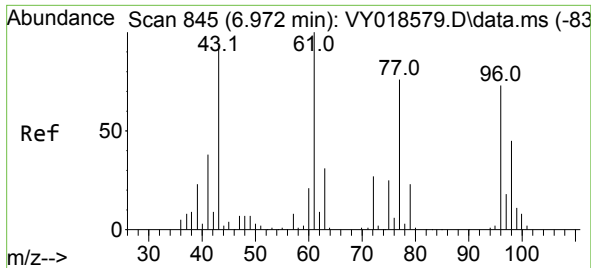
Tgt Ion:	84	Resp:	8267
Ion	Ratio	Lower	Upper
84	100		
49	123.2	84.4	126.6
51	29.7	26.0	39.0
86	51.8	49.5	74.3



#23
Vinyl Acetate
Concen: 23.741 ug/l
RT: 6.063 min Scan# 696
Delta R.T. 0.018 min
Lab File: VY018586.D
Acq: 14 Jun 2024 11:38

Tgt Ion:	43	Resp:	183
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.6	16.0#

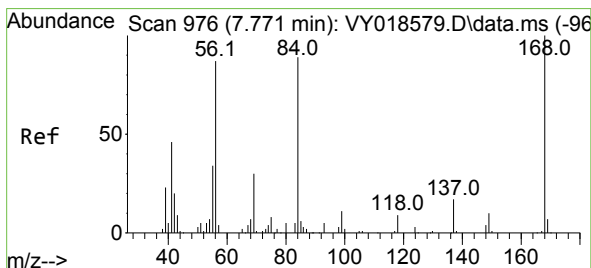
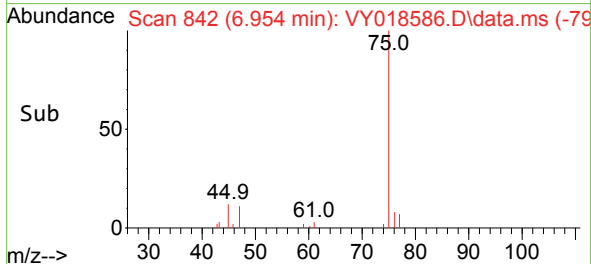
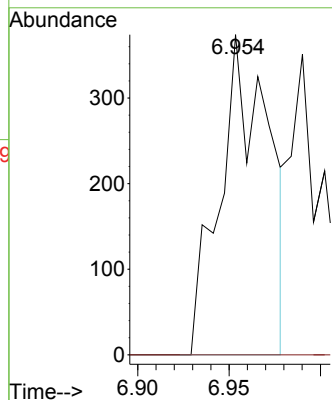
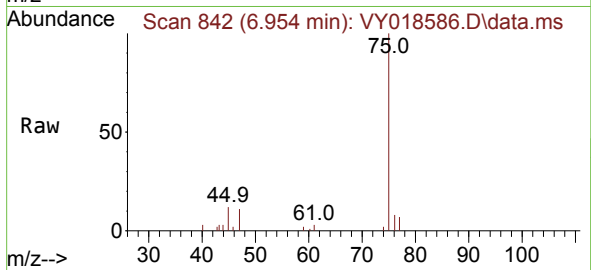




#25
2-Butanone
Concen: 1.775 ug/l
RT: 6.954 min Scan# 845
Delta R.T. -0.018 min
Lab File: VY018586.D
Acq: 14 Jun 2024 11:38

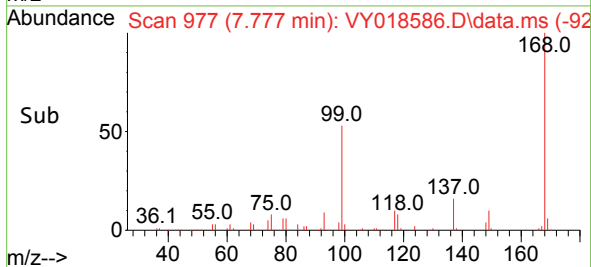
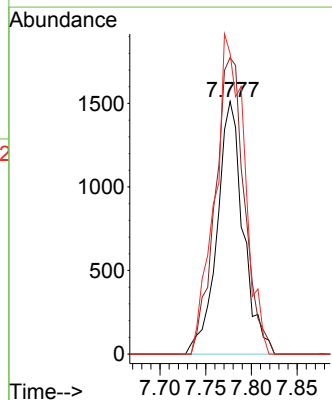
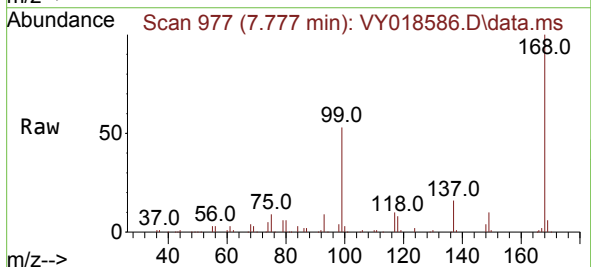
Instrument :
MSVOA_Y
ClientSampleId :

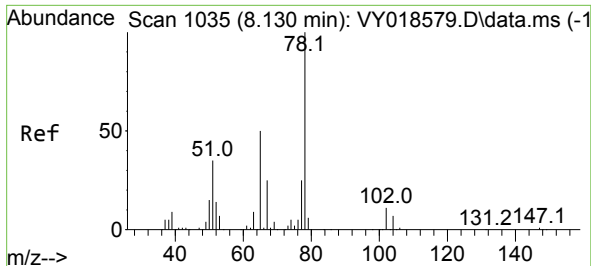
Tgt Ion: 43 Resp: 693
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.536 ug/l
RT: 7.777 min Scan# 977
Delta R.T. 0.006 min
Lab File: VY018586.D
Acq: 14 Jun 2024 11:38

Tgt Ion: 56 Resp: 3011
Ion Ratio Lower Upper
56 100
69 117.3 28.7 43.1#
84 119.0 77.7 116.5#

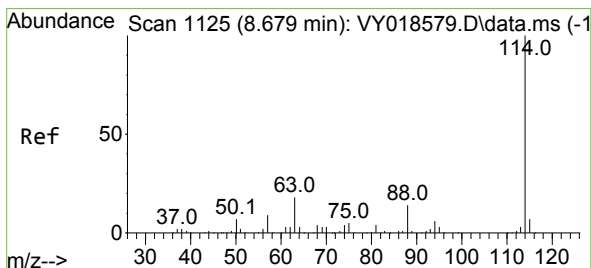
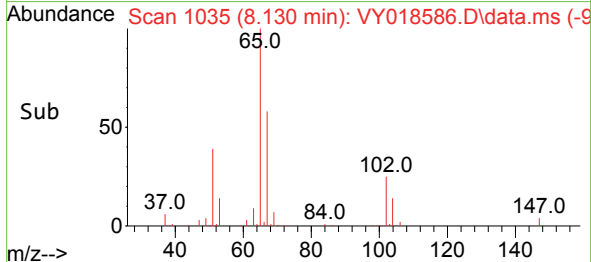
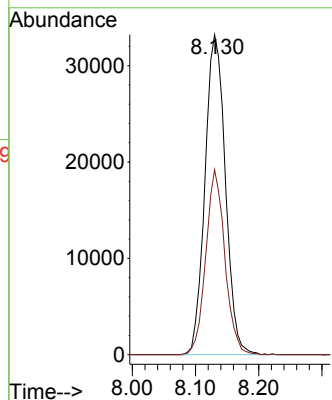
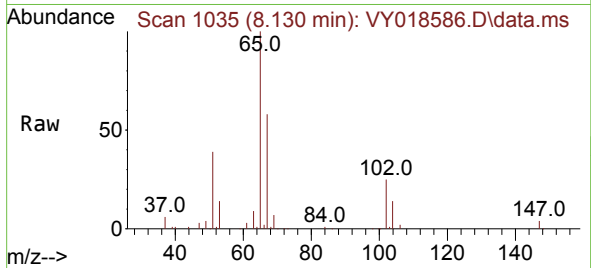




#33
1,2-Dichloroethane-d4
Concen: 58.255 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018586.D
Acq: 14 Jun 2024 11:38

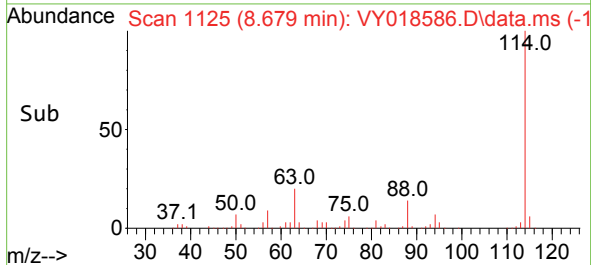
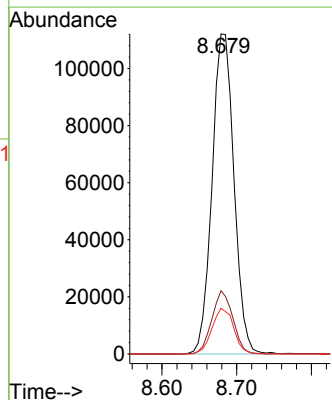
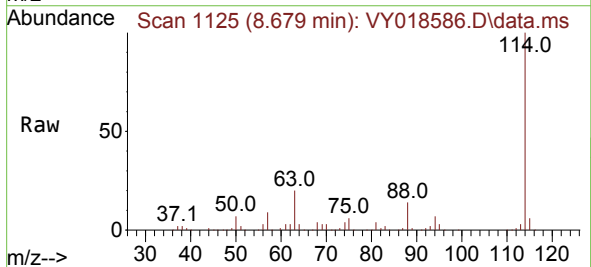
Instrument :
MSVOA_Y
ClientSampleId :

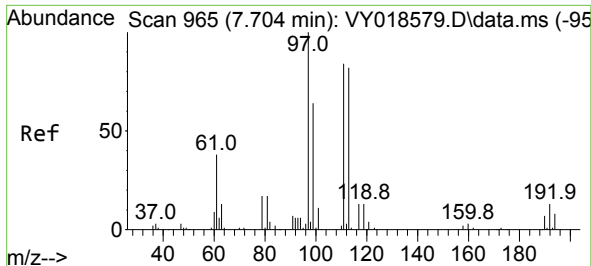
Tgt Ion: 65 Resp: 74567
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VY018586.D
Acq: 14 Jun 2024 11:38

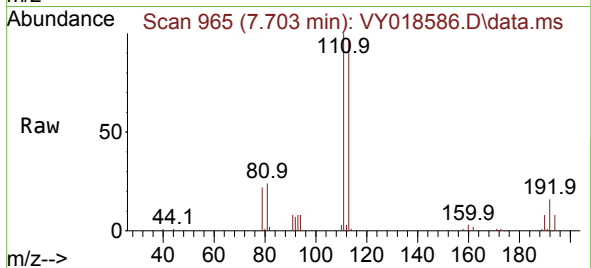
Tgt Ion:114 Resp: 228381
Ion Ratio Lower Upper
114 100
63 19.7 0.0 35.0
88 14.2 0.0 27.2



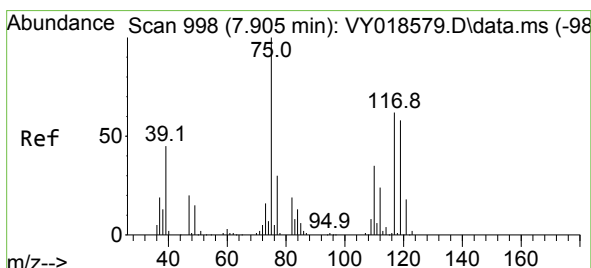
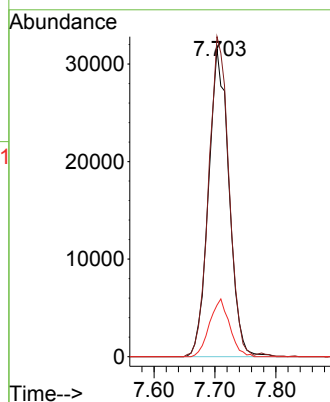
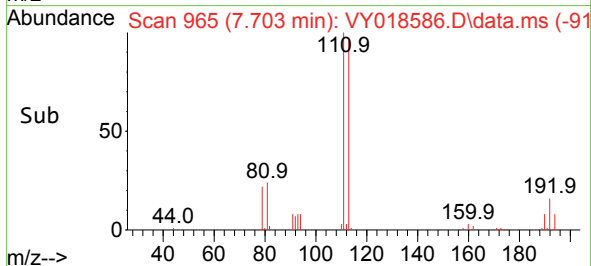


#35
Dibromofluoromethane
Concen: 52.921 ug/l
RT: 7.703 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018586.D
Acq: 14 Jun 2024 11:38

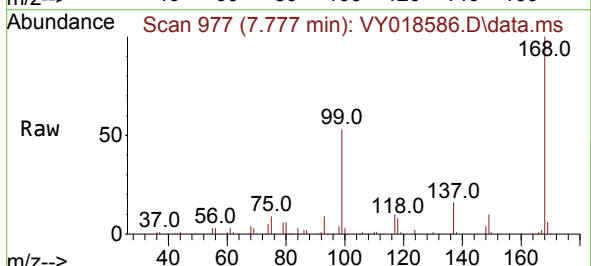
Instrument :
MSVOA_Y
ClientSampleId :



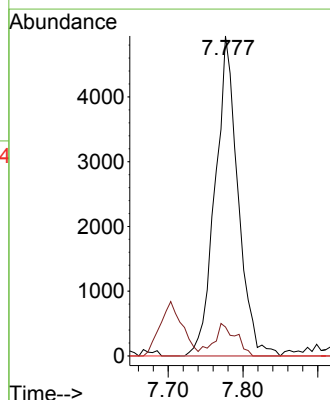
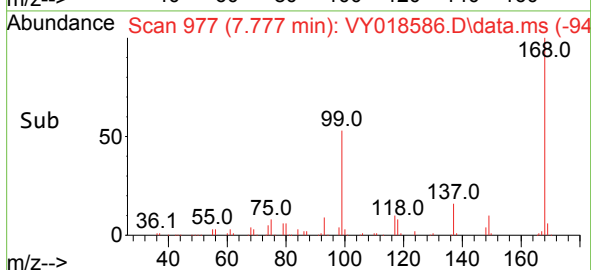
Tgt Ion:113 Resp: 73727
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 18.4 15.9 23.9

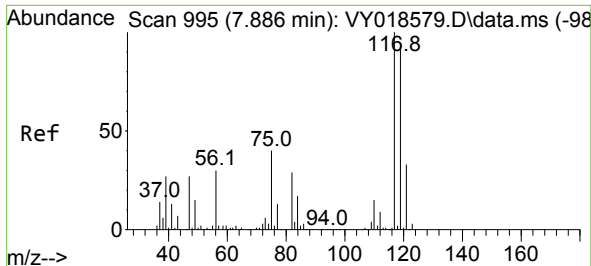


#36
1,1-Dichloropropene
Concen: 5.475 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY018586.D
Acq: 14 Jun 2024 11:38



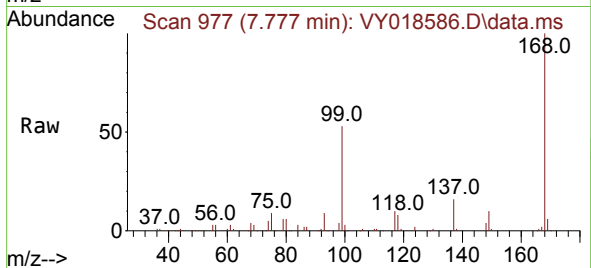
Tgt Ion: 75 Resp: 10499
Ion Ratio Lower Upper
75 100
110 9.7 19.0 57.0#
77 0.0 25.3 37.9#



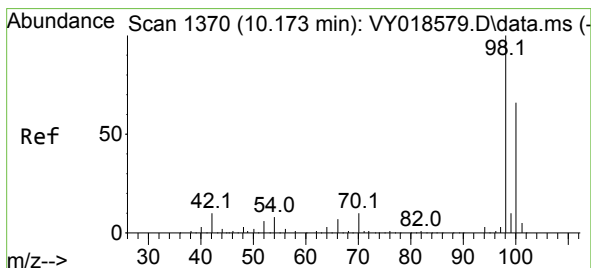
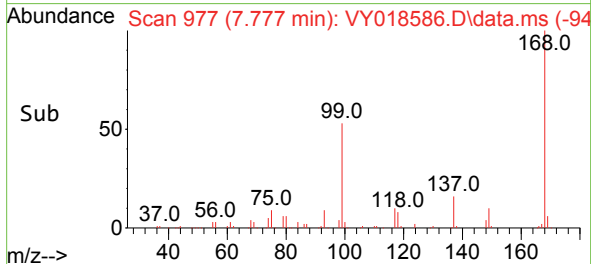
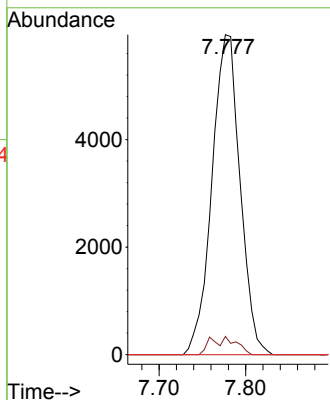


#38
Carbon Tetrachloride
Concen: 6.667 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018586.D
Acq: 14 Jun 2024 11:38

Instrument :
MSVOA_Y
ClientSampleId :

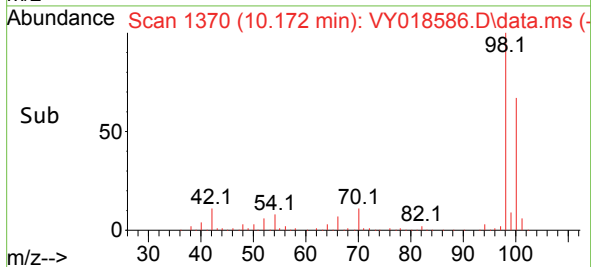
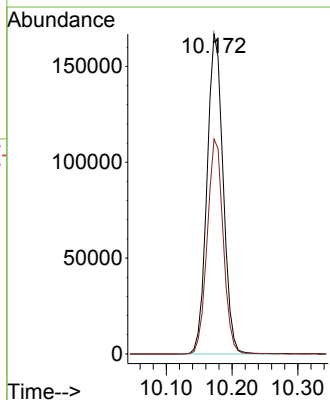
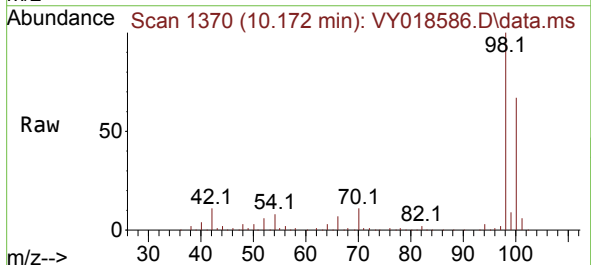


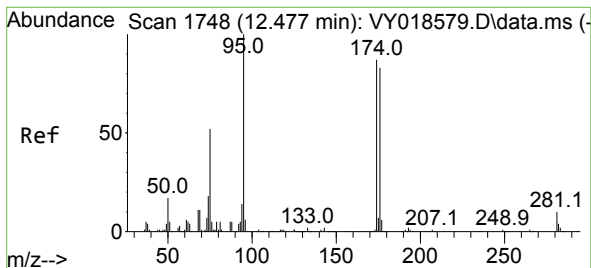
Tgt Ion:117 Resp: 13414
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 53.038 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018586.D
Acq: 14 Jun 2024 11:38

Tgt Ion: 98 Resp: 284156
Ion Ratio Lower Upper
98 100
100 66.6 52.0 78.0

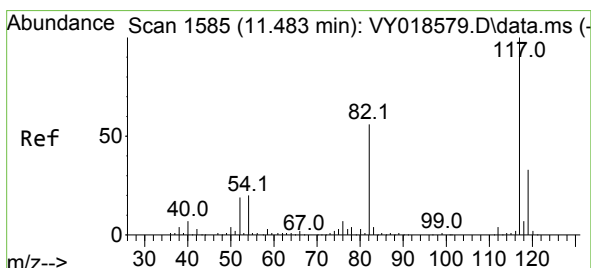
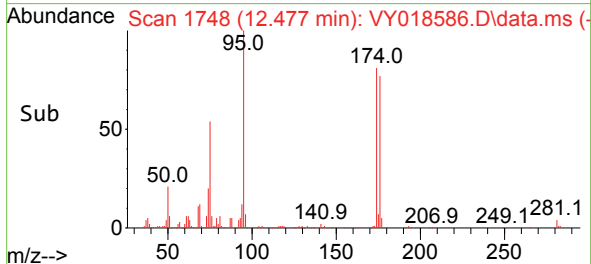
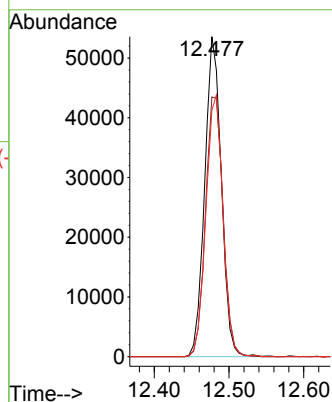
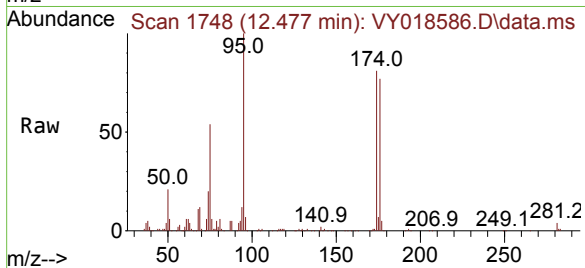




#62
4-Bromofluorobenzene
Concen: 48.848 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY018586.D
Acq: 14 Jun 2024 11:38

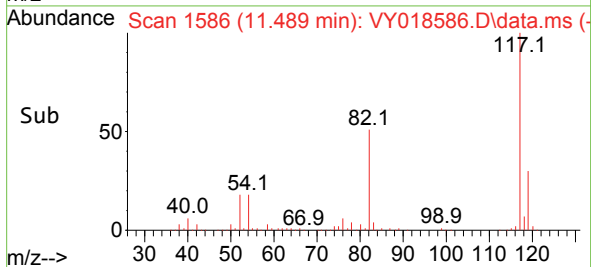
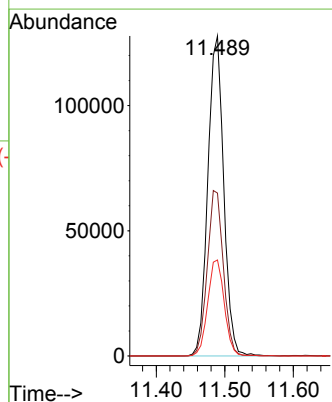
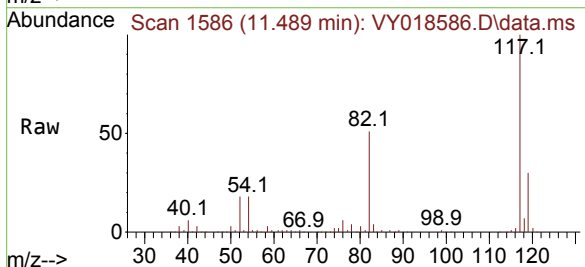
Instrument :
MSVOA_Y
ClientSampleId :

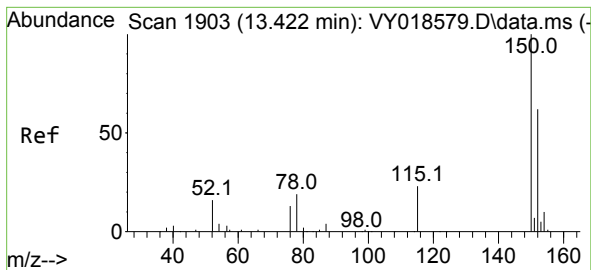
Tgt Ion: 95 Resp: 82640
Ion Ratio Lower Upper
95 100
174 86.2 0.0 175.6
176 84.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018586.D
Acq: 14 Jun 2024 11:38

Tgt Ion: 117 Resp: 205681
Ion Ratio Lower Upper
117 100
82 50.9 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: VY018586.D

Acq: 14 Jun 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

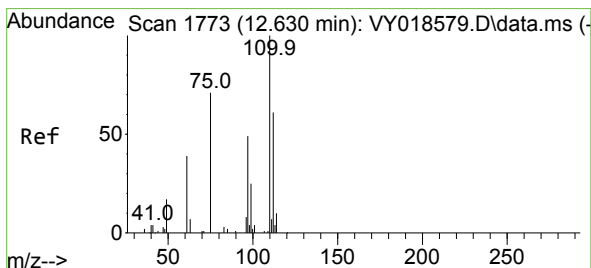
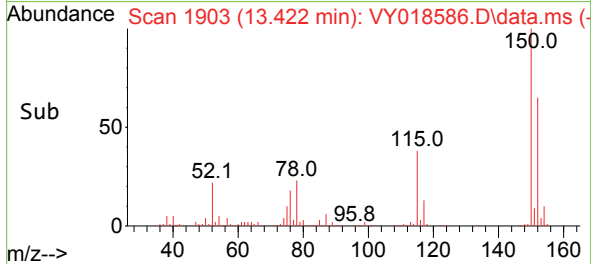
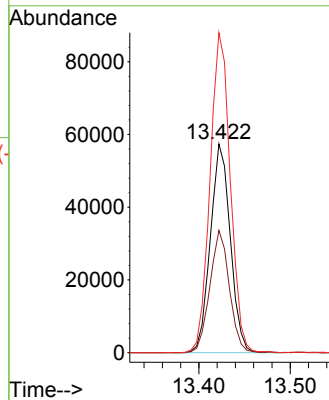
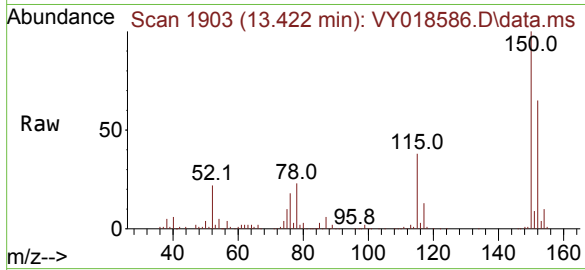
Tgt Ion:152 Resp: 86926

Ion Ratio Lower Upper

152 100

115 57.1 28.2 84.7

150 155.5 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 57.210 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY018586.D

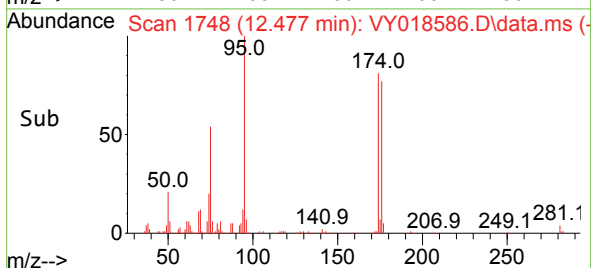
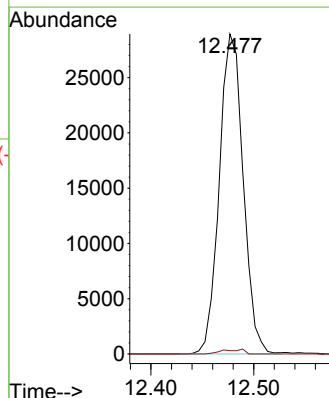
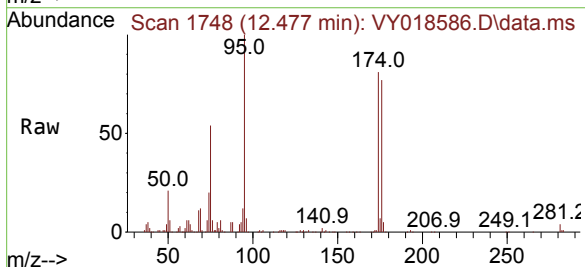
Acq: 14 Jun 2024 11:38

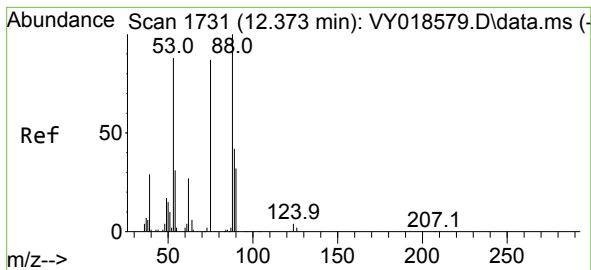
Tgt Ion: 75 Resp: 46649

Ion Ratio Lower Upper

75 100

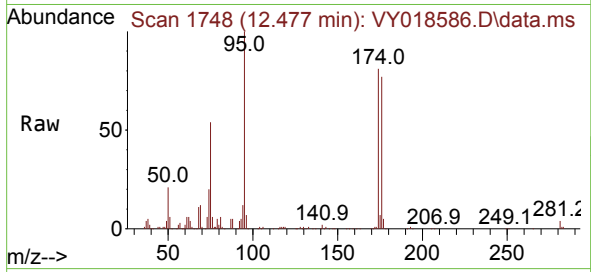
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 149.854 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY018586.D
 Acq: 14 Jun 2024 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 46649
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

