

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062724\
 Data File : VY018719.D
 Acq On : 27 Jun 2024 15:09
 Operator : SY/MD
 Sample : P3077-07
 Misc : 7.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 28 03:15:11 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)

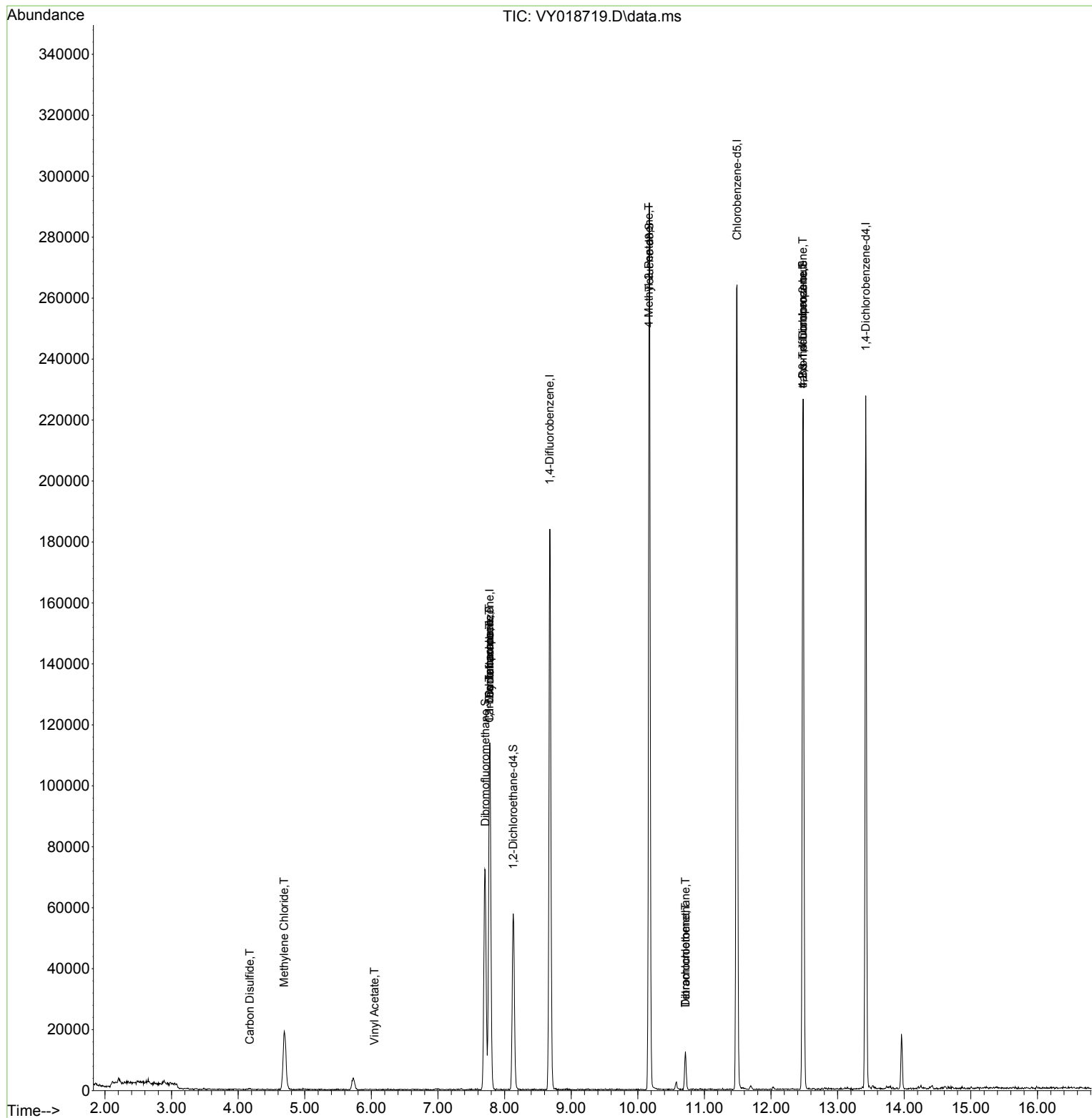
Internal Standards						
1) Pentafluorobenzene	7.777	168	92255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	166679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	153069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	59043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	44894	48.335	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.660%
35) Dibromofluoromethane	7.710	113	52091	51.232	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.460%
50) Toluene-d8	10.173	98	194252	49.679	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.360%
62) 4-Bromofluorobenzene	12.477	95	56530	45.784	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.560%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.174	76	476	2.390	ug/l #	76
20) Methylene Chloride	4.692	84	15242	5.030	ug/l	94
23) Vinyl Acetate	6.045	43	50	23.714	ug/l #	67
31) Cyclohexane	7.777	56	1779	1.250	ug/l #	50
36) 1,1-Dichloropropene	7.771	75	6942	4.960	ug/l #	47
38) Carbon Tetrachloride	7.771	117	9325	6.351	ug/l #	19
51) 4-Methyl-2-Pentanone	10.166	43	747	1.152	ug/l #	1
60) Dibromochloromethane	10.715	129	2636	2.598	ug/l #	10
64) Tetrachloroethene	10.715	164	2849	2.610	ug/l #	87
76) 1,2,3-Trichloropropane	12.477	75	30260	54.636	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	30260	143.112	ug/l #	16

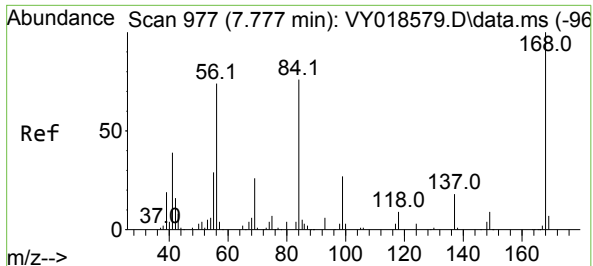
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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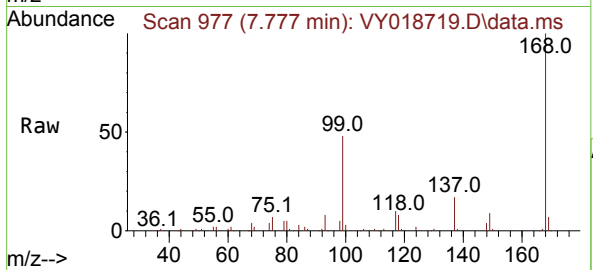
Quant Time: Jun 28 03:15:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 2024
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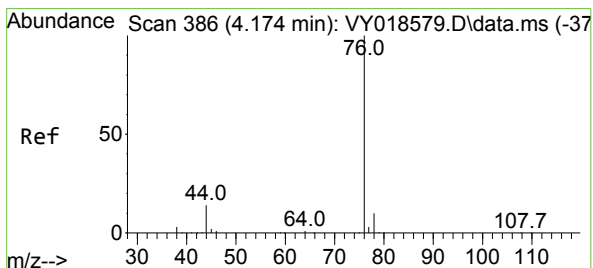
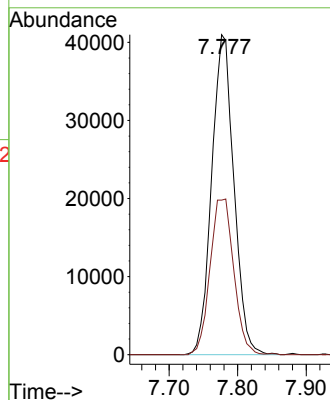
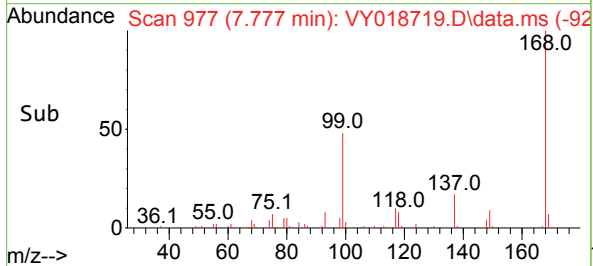


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018719.D
Acq: 27 Jun 2024 15:09

Instrument :
MSVOA_Y
ClientSampleId :

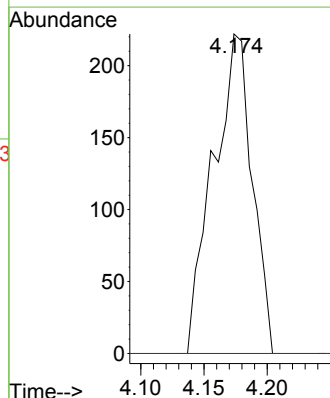
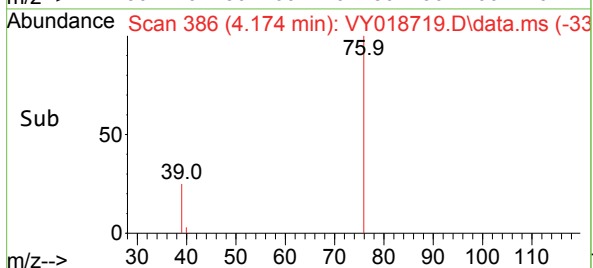
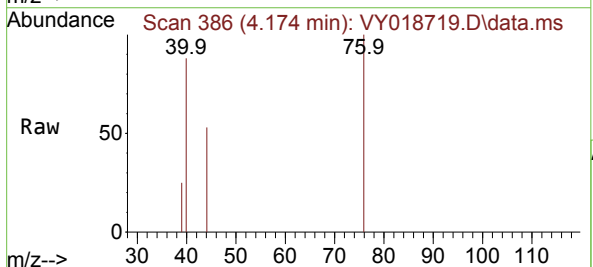


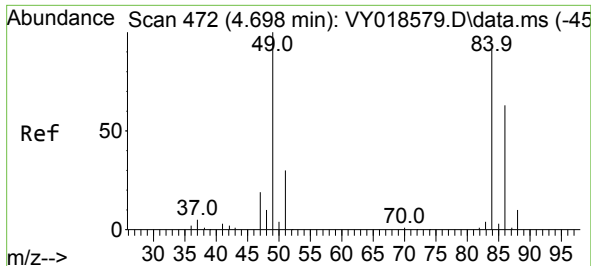
Tgt Ion:168 Resp: 92255
Ion Ratio Lower Upper
168 100
99 48.3 39.1 58.7



#17
Carbon Disulfide
Concen: 2.390 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.000 min
Lab File: VY018719.D
Acq: 27 Jun 2024 15:09

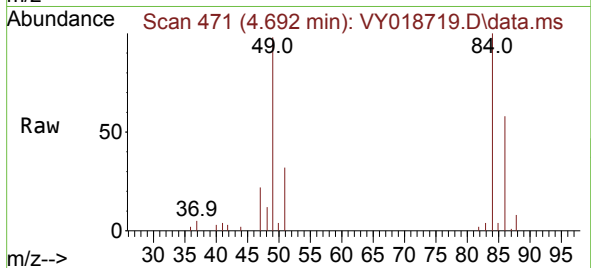
Tgt Ion: 76 Resp: 476
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



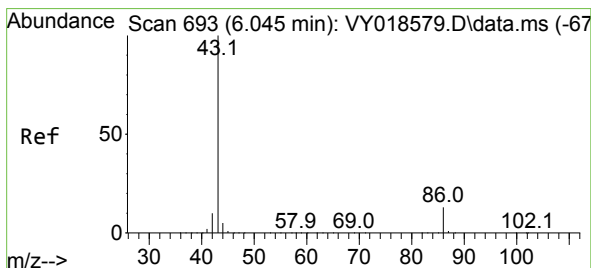
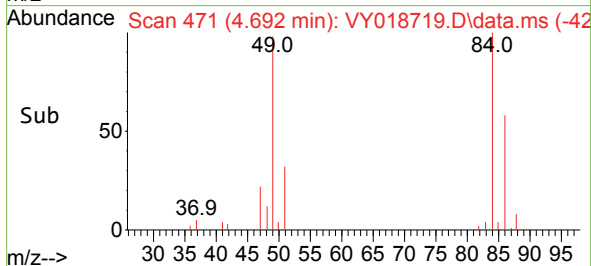
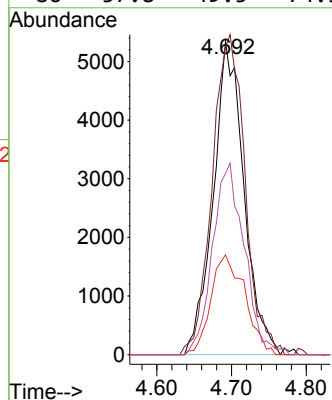


#20
Methylene Chloride
Concen: 5.030 ug/l
RT: 4.692 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018719.D
Acq: 27 Jun 2024 15:09

Instrument :
MSVOA_Y
ClientSampleId :

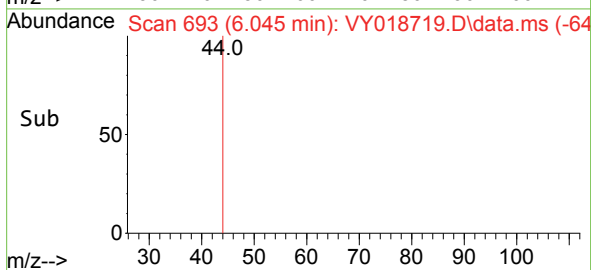
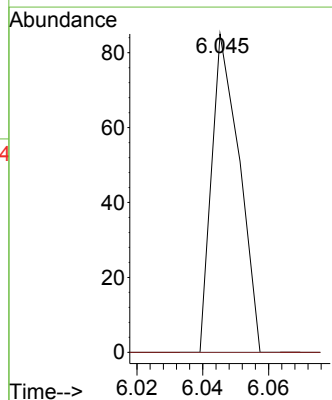
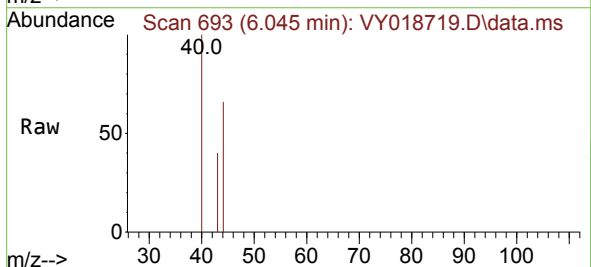


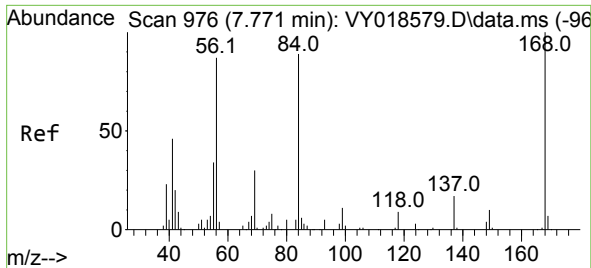
Tgt Ion:	84	Resp:	15242
Ion	Ratio	Lower	Upper
84	100		
49	98.2	84.4	126.6
51	31.9	26.0	39.0
86	57.8	49.5	74.3



#23
Vinyl Acetate
Concen: 23.714 ug/l
RT: 6.045 min Scan# 693
Delta R.T. 0.000 min
Lab File: VY018719.D
Acq: 27 Jun 2024 15:09

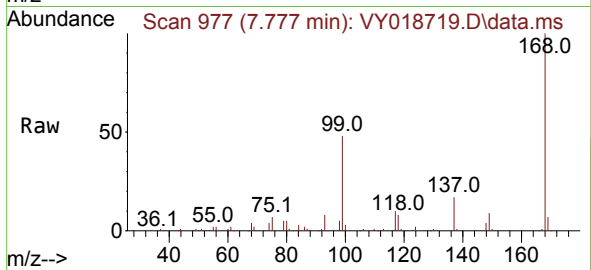
Tgt Ion:	43	Resp:	50
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.6	16.0#



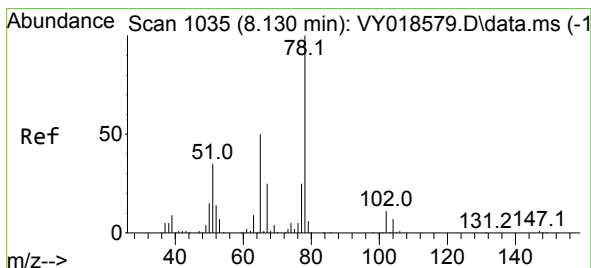
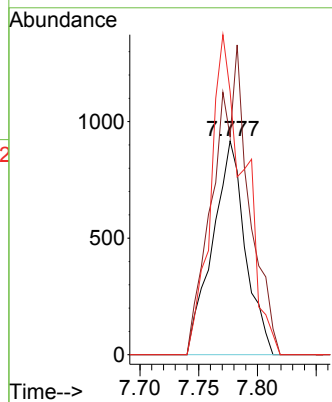
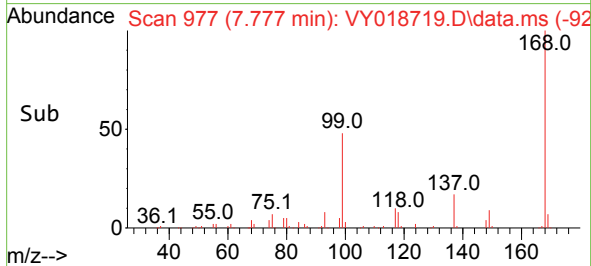


#31
Cyclohexane
Concen: 1.250 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018719.D
Acq: 27 Jun 2024 15:09

Instrument :
MSVOA_Y
ClientSampleId :

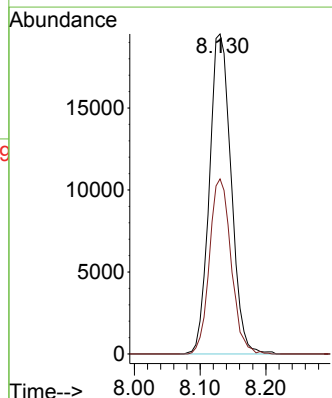
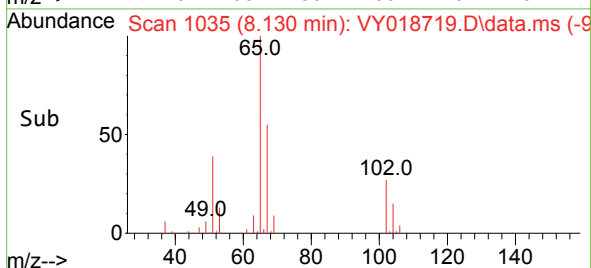
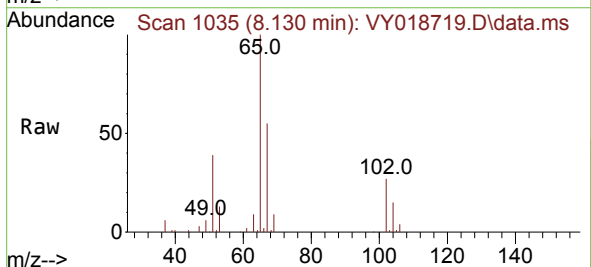


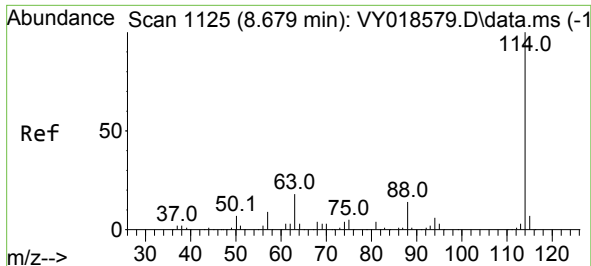
Tgt Ion: 56 Resp: 1779
Ion Ratio Lower Upper
56 100
69 102.0 28.7 43.1#
84 123.1 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 48.335 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018719.D
Acq: 27 Jun 2024 15:09

Tgt Ion: 65 Resp: 44894
Ion Ratio Lower Upper
65 100
67 54.4 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: VY018719.D

Acq: 27 Jun 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

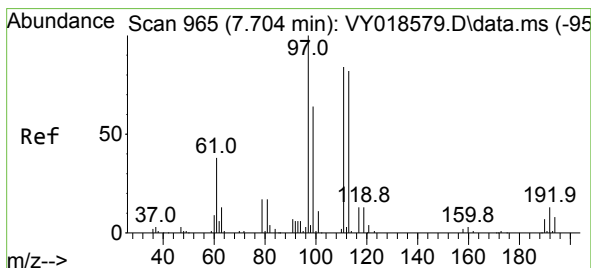
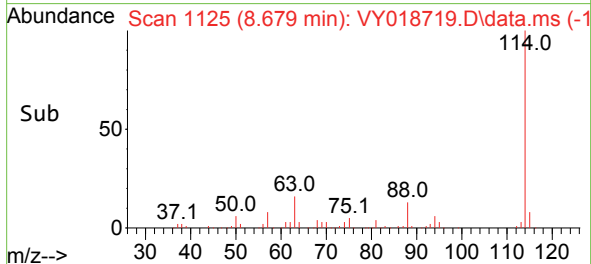
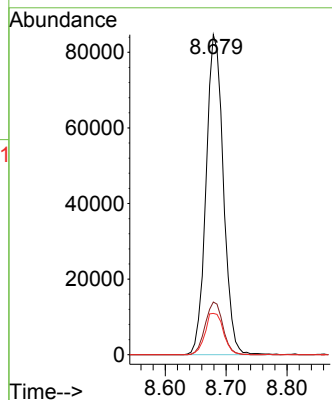
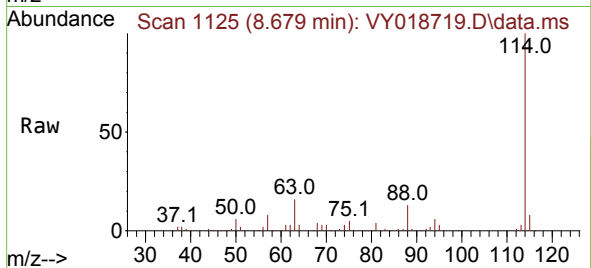
Tgt Ion:114 Resp: 166679

Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 12.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.232 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018719.D

Acq: 27 Jun 2024 15:09

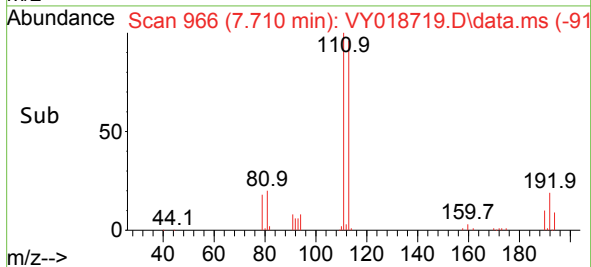
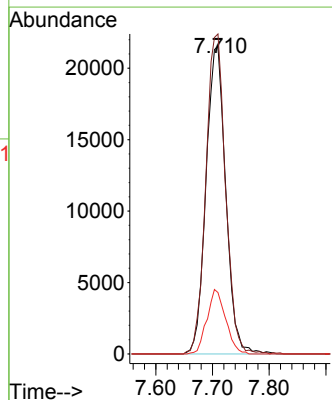
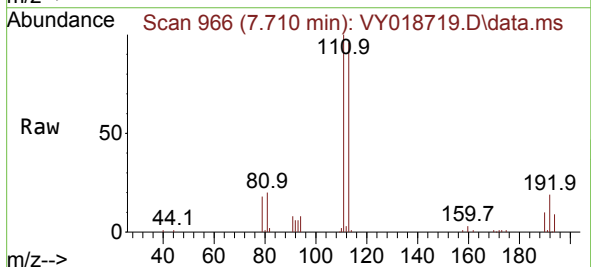
Tgt Ion:113 Resp: 52091

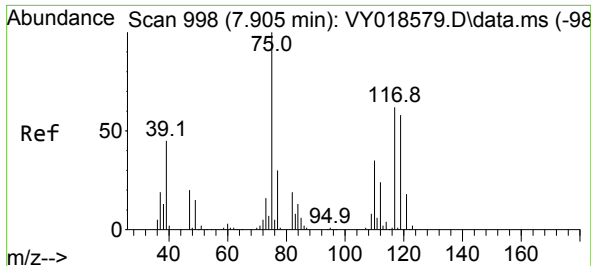
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 19.9 15.9 23.9

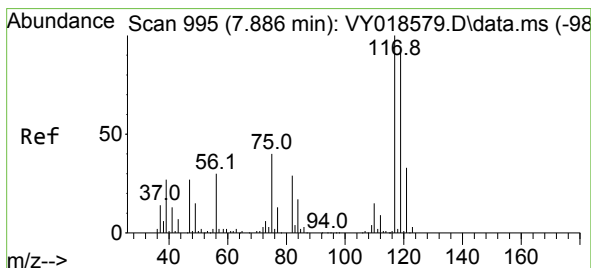
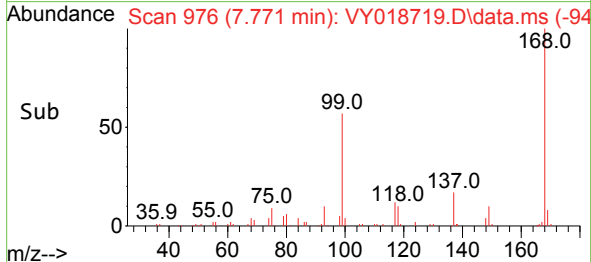
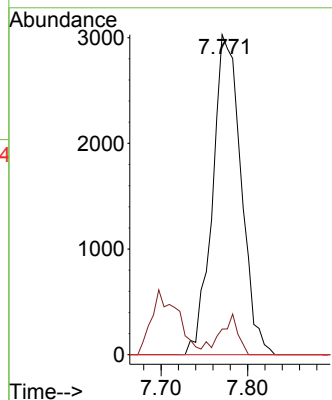
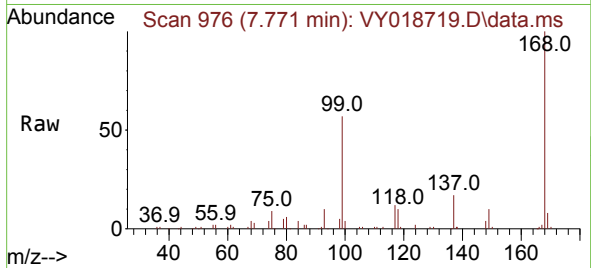




#36
1,1-Dichloropropene
Concen: 4.960 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018719.D
Acq: 27 Jun 2024 15:09

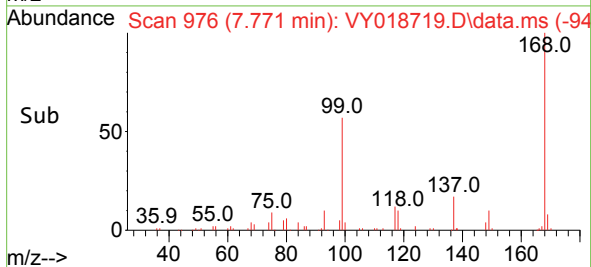
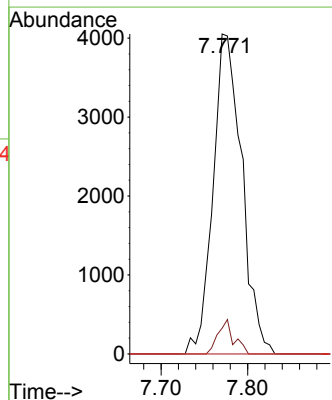
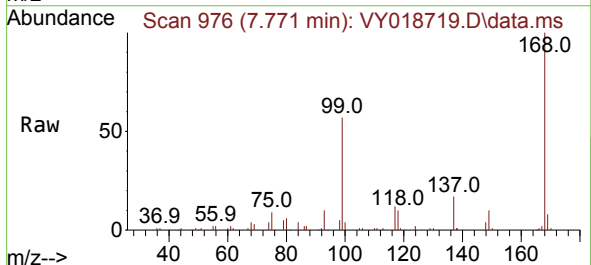
Instrument :
MSVOA_Y
ClientSampleId :

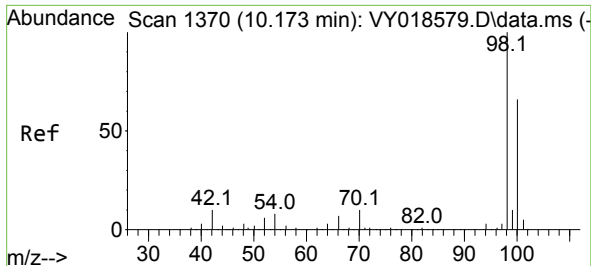
Tgt Ion: 75 Resp: 6942
Ion Ratio Lower Upper
75 100
110 8.0 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.351 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.116 min
Lab File: VY018719.D
Acq: 27 Jun 2024 15:09

Tgt Ion: 117 Resp: 9325
Ion Ratio Lower Upper
117 100
119 8.0 75.8 113.6#
121 0.0 24.0 36.0#

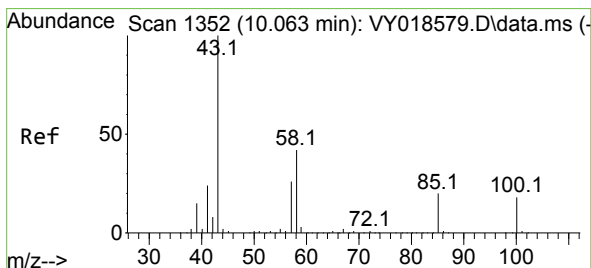
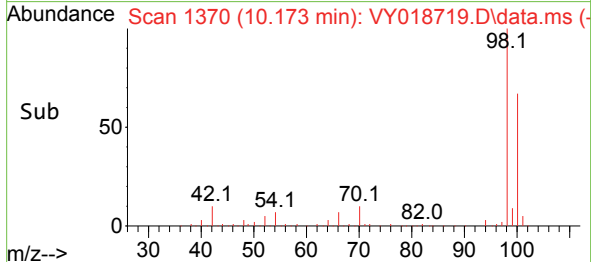
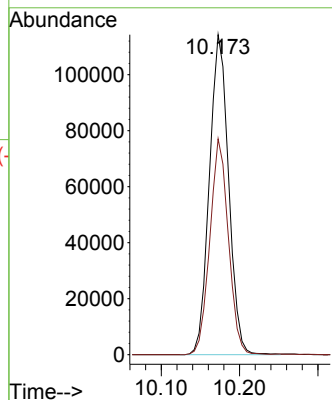
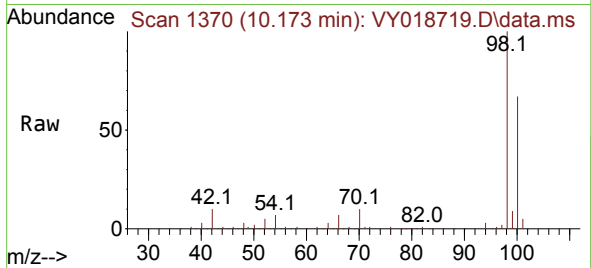




#50
Toluene-d8
Concen: 49.679 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018719.D
Acq: 27 Jun 2024 15:09

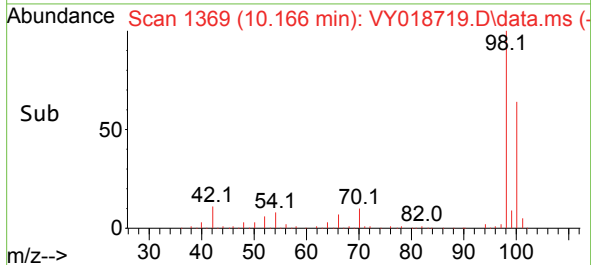
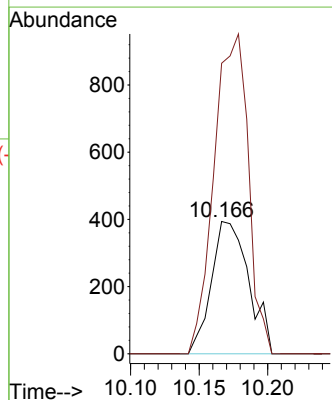
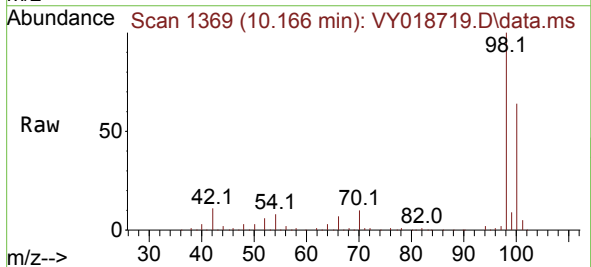
Instrument :
MSVOA_Y
ClientSampleId :

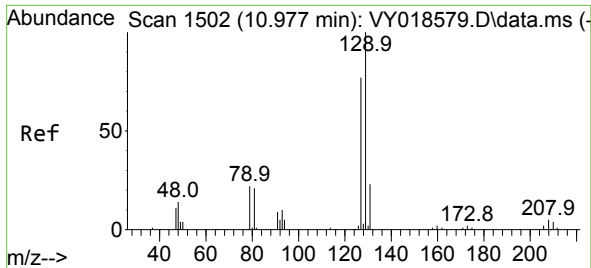
Tgt Ion: 98 Resp: 194252
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.152 ug/l
RT: 10.166 min Scan# 1369
Delta R.T. 0.104 min
Lab File: VY018719.D
Acq: 27 Jun 2024 15:09

Tgt Ion: 43 Resp: 747
Ion Ratio Lower Upper
43 100
58 221.7 35.7 53.5#

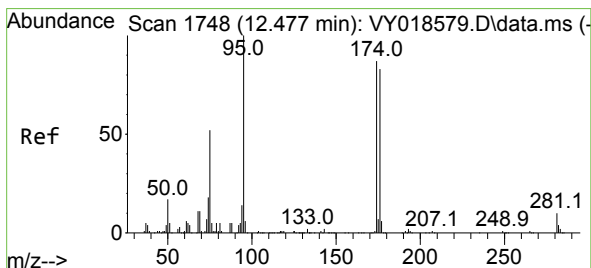
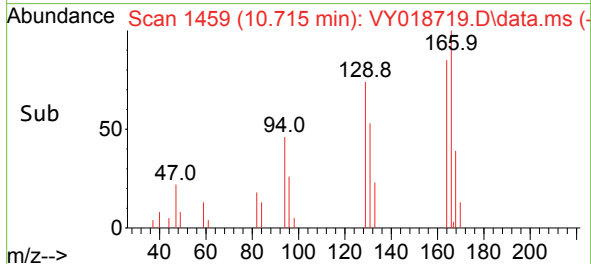
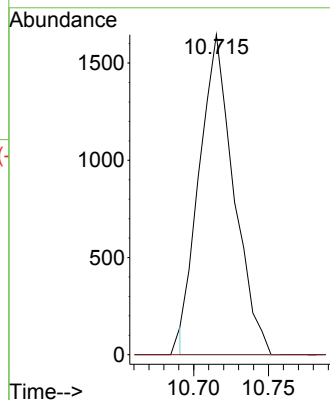
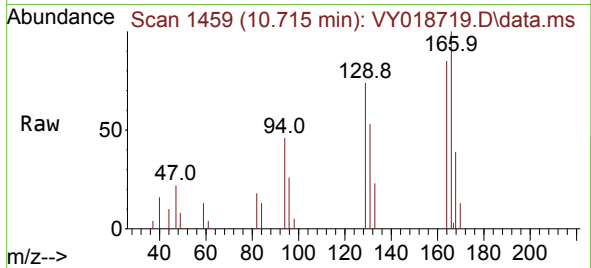




#60
Dibromochloromethane
Concen: 2.598 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.262 min
Lab File: VY018719.D
Acq: 27 Jun 2024 15:09

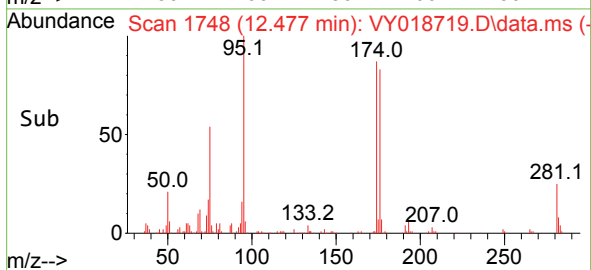
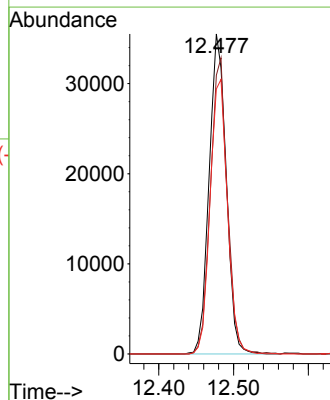
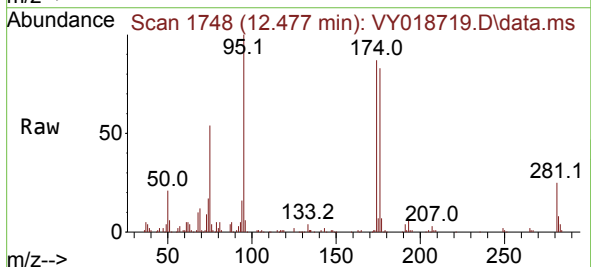
Instrument :
MSVOA_Y
ClientSampleId :

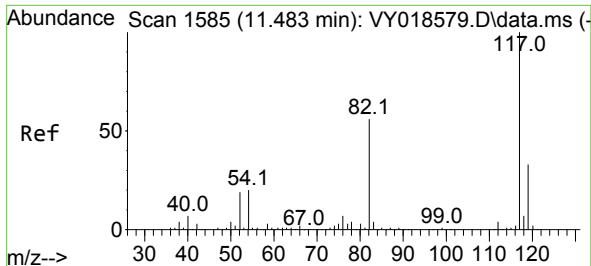
Tgt Ion:129 Resp: 2636
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#62
4-Bromofluorobenzene
Concen: 45.784 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018719.D
Acq: 27 Jun 2024 15:09

Tgt Ion: 95 Resp: 56530
Ion Ratio Lower Upper
95 100
174 91.2 0.0 175.6
176 87.5 0.0 171.4

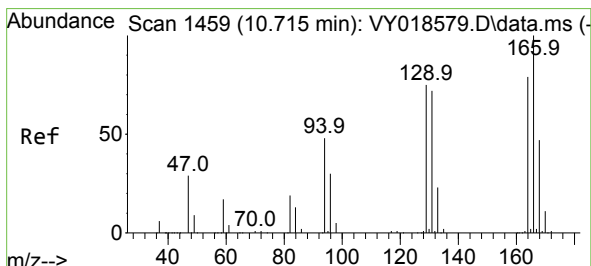
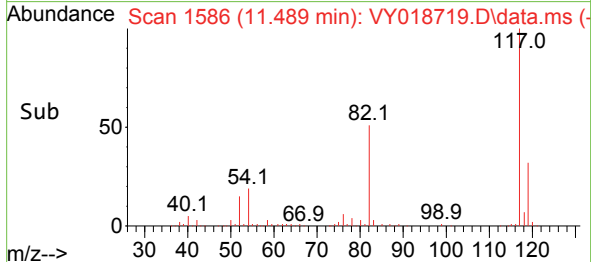
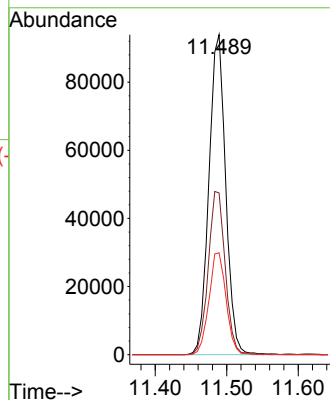
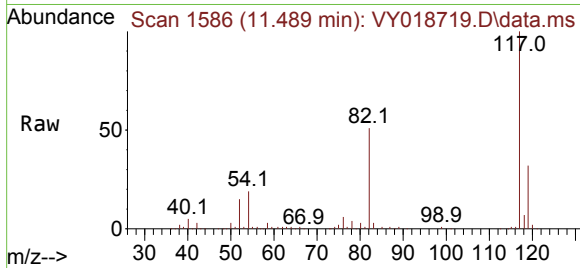




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018719.D
Acq: 27 Jun 2024 15:09

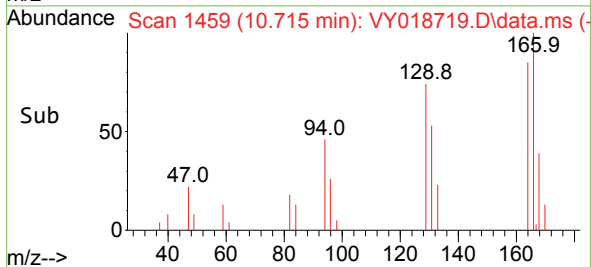
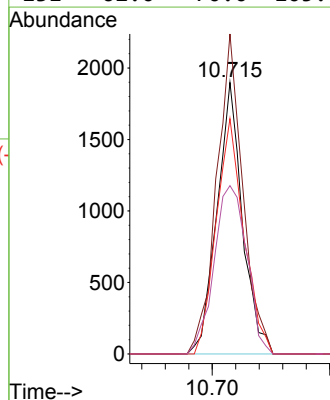
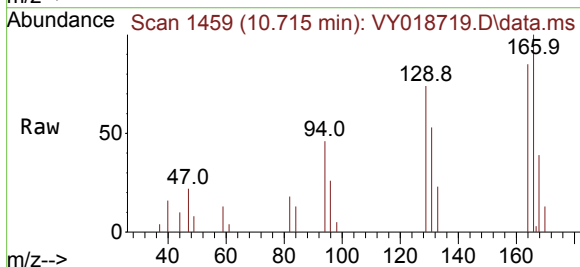
Instrument :
MSVOA_Y
ClientSampleId :

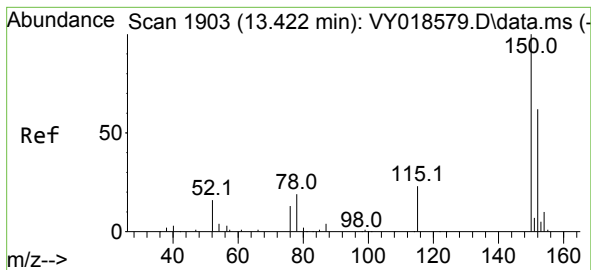
Tgt Ion:117 Resp: 153069
Ion Ratio Lower Upper
117 100
82 50.5 42.4 63.6
119 31.9 25.9 38.9



#64
Tetrachloroethene
Concen: 2.610 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY018719.D
Acq: 27 Jun 2024 15:09

Tgt Ion:164 Resp: 2849
Ion Ratio Lower Upper
164 100
166 117.9 102.6 154.0
129 86.7 72.0 108.0
131 62.0 70.0 105.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018719.D

Acq: 27 Jun 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

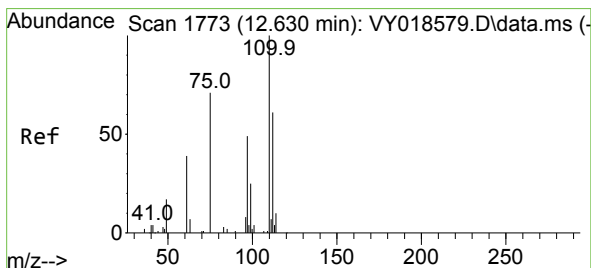
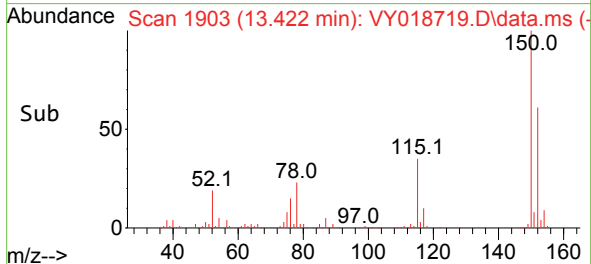
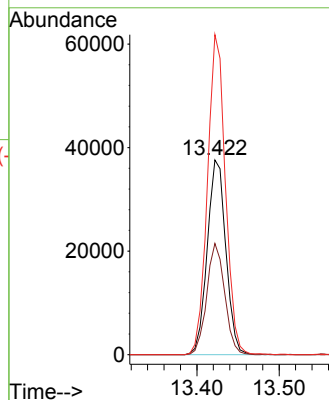
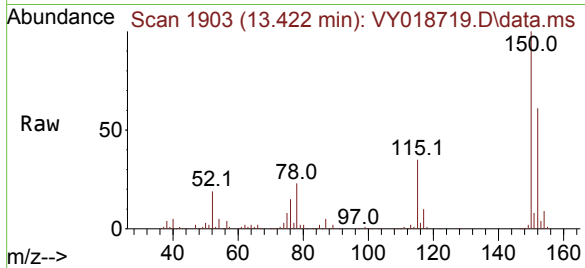
Tgt Ion:152 Resp: 59043

Ion Ratio Lower Upper

152 100

115 55.1 28.2 84.7

150 158.6 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 54.636 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY018719.D

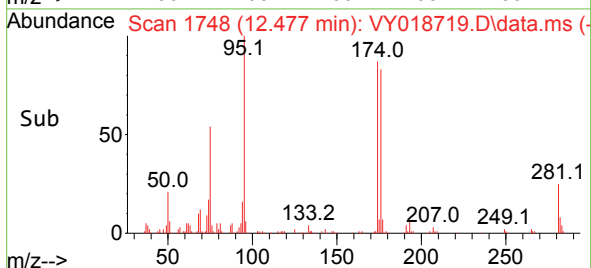
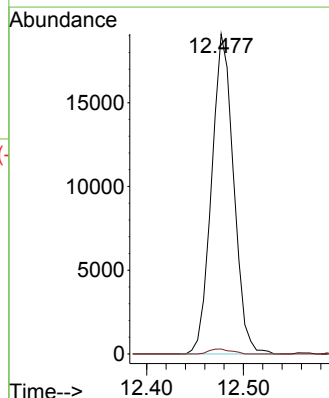
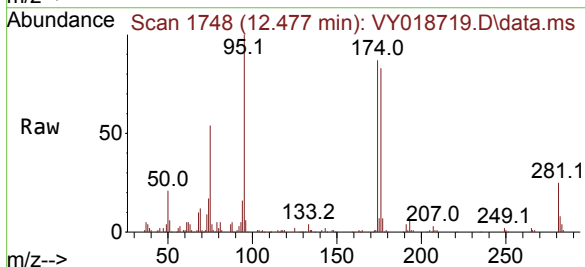
Acq: 27 Jun 2024 15:09

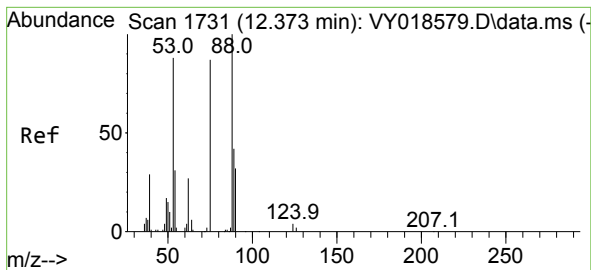
Tgt Ion: 75 Resp: 30260

Ion Ratio Lower Upper

75 100

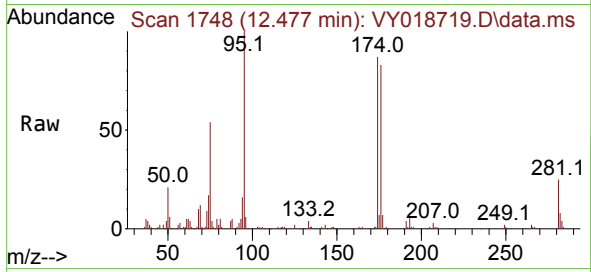
77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 143.112 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018719.D
Acq: 27 Jun 2024 15:09

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	75	Resp:	30260
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.8	35.8	53.6#

