

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 :
 1-S-1

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)

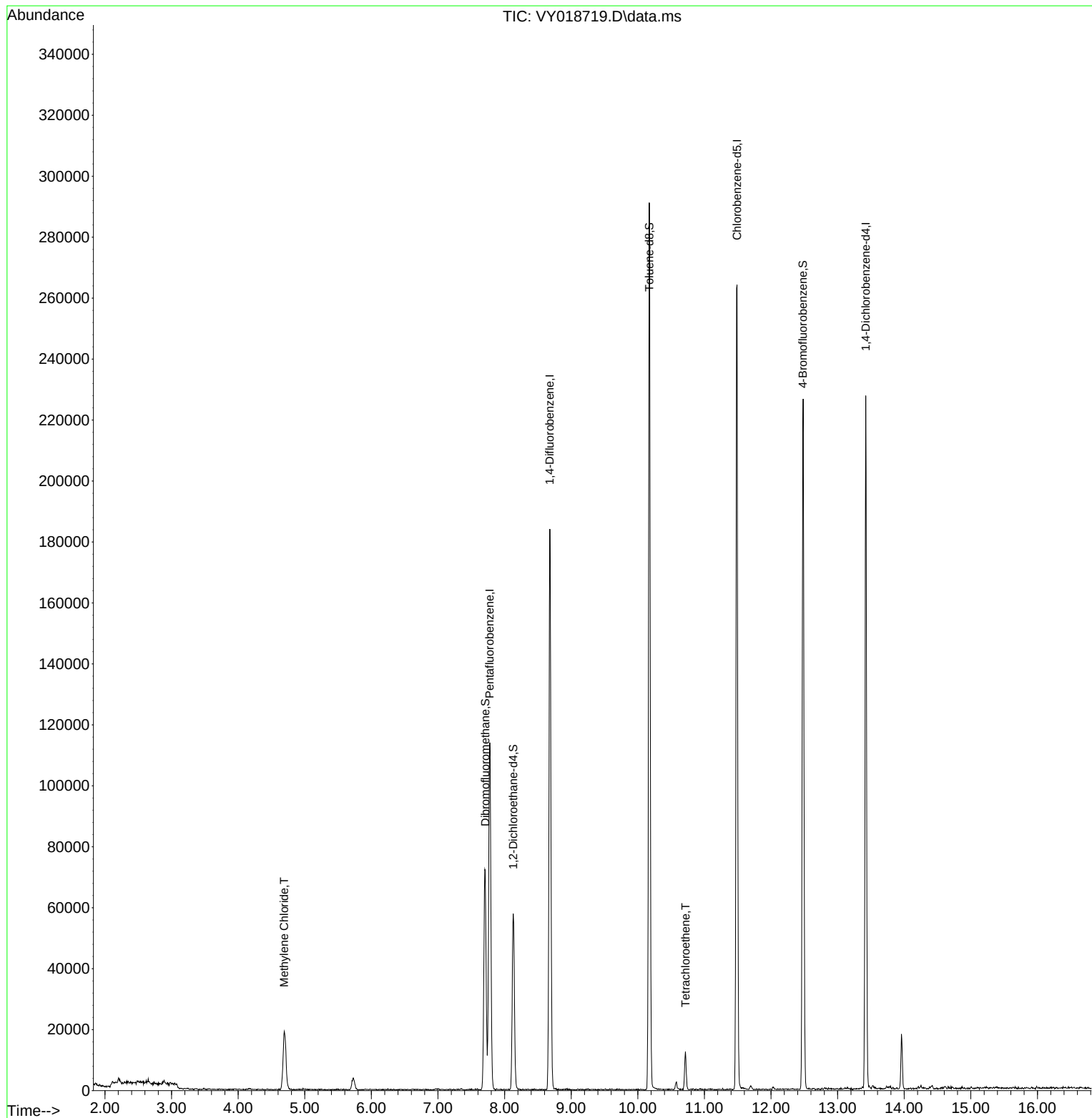
Internal Standards						
1) Pentafluorobenzene	7.777	168	92255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	166679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	153069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	59043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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						
20) Methylene Chloride	4.692	84	15242	5.030	ug/l	94
64) Tetrachloroethene	10.715	164	2849	2.610	ug/l #	87

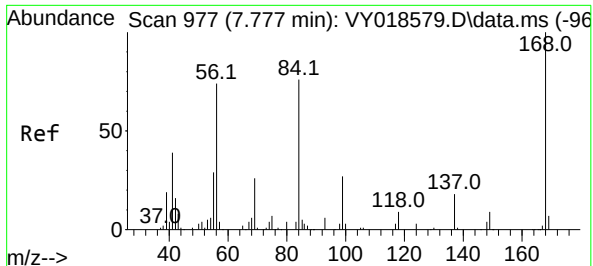
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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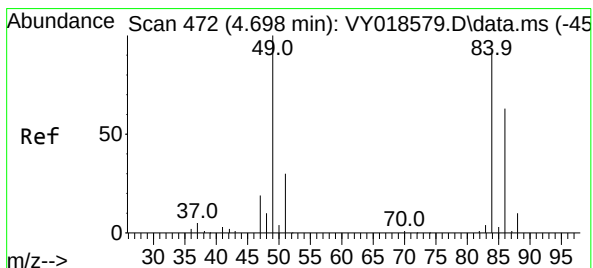
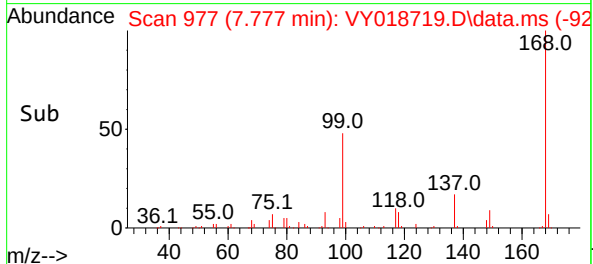
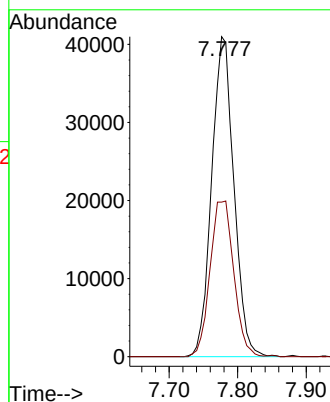
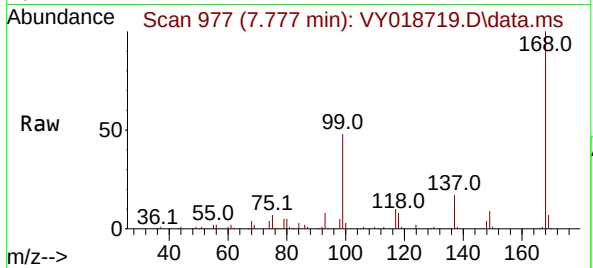




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018719.D
Acq: 27 Jun 2024 15:09

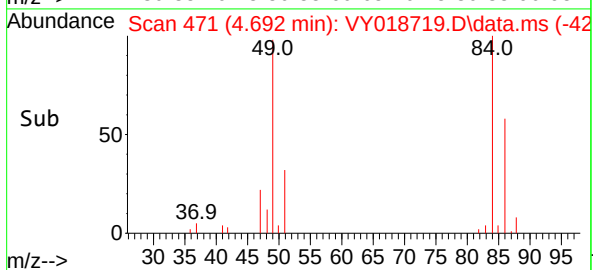
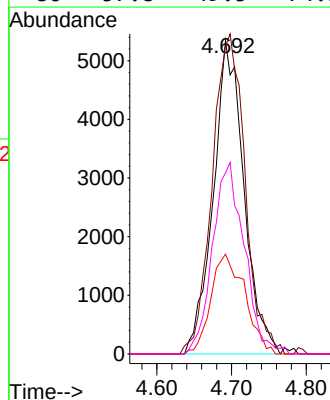
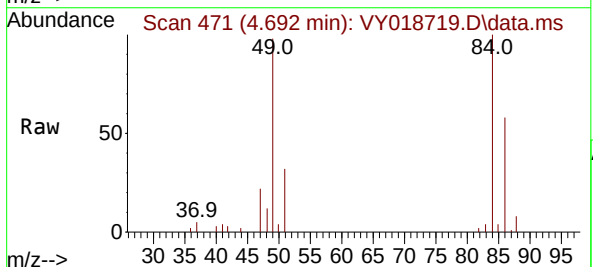
Instrument :
MSVOA_Y
ClientSampleId :
1-S-1

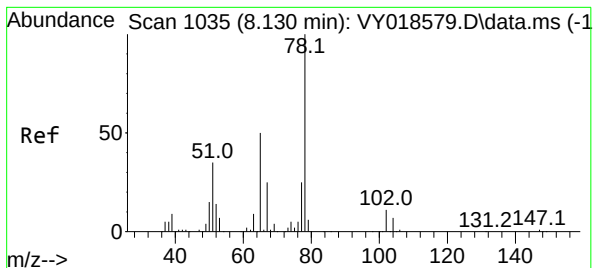
Tgt Ion:168 Resp: 92255
Ion Ratio Lower Upper
168 100
99 48.3 39.1 58.7



#20
Methylene Chloride
Concen: 5.030 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018719.D
Acq: 27 Jun 2024 15:09

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





#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

Instrument :

MSVOA_Y

ClientSampleId :

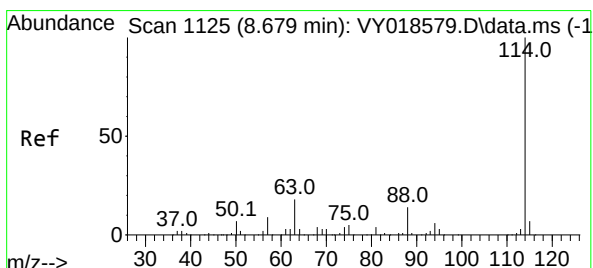
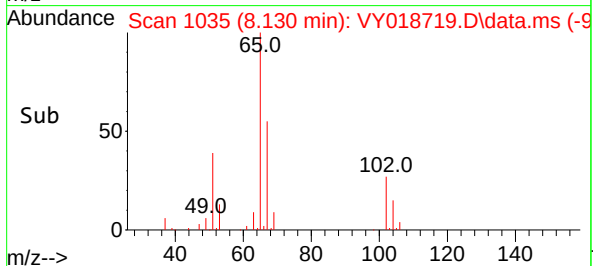
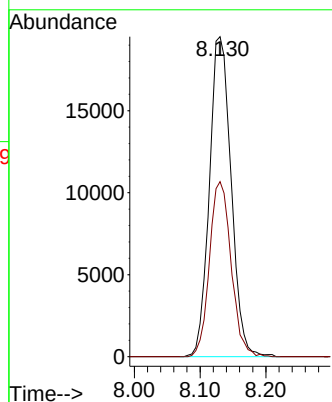
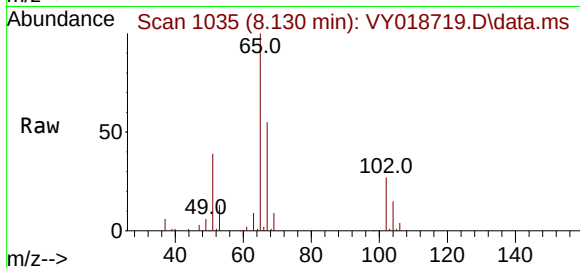
1-S-1

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

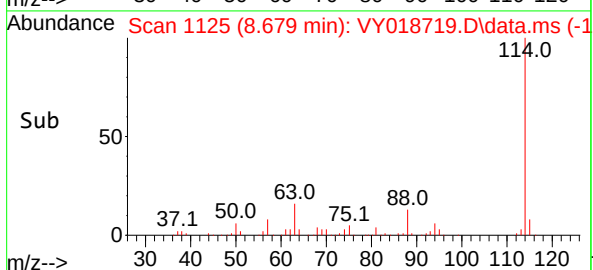
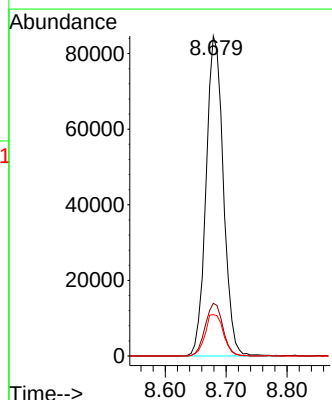
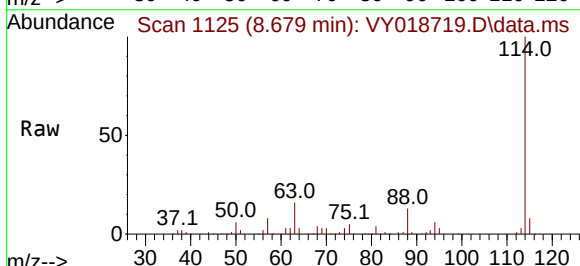
Tgt Ion: 114 Resp: 166679

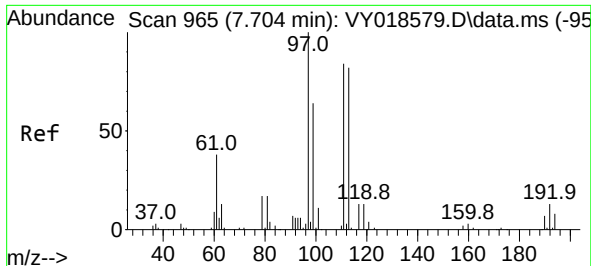
Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 12.9 0.0 27.2

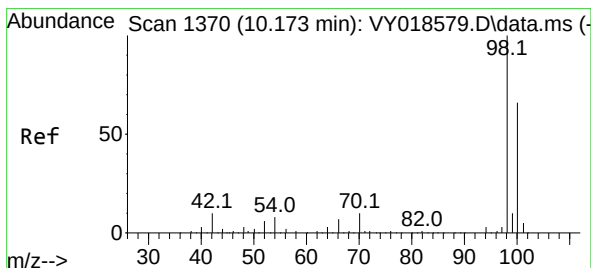
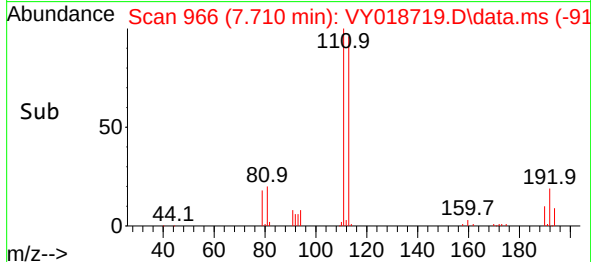
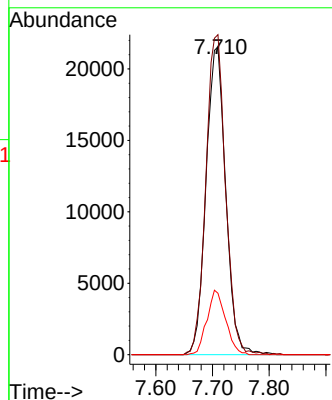
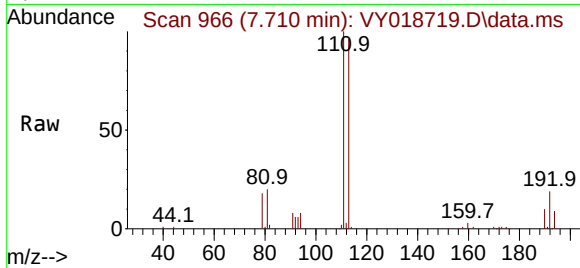




#35
Dibromofluoromethane
Concen: 51.232 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY018719.D
Acq: 27 Jun 2024 15:09

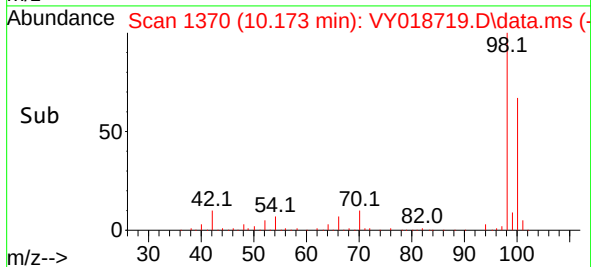
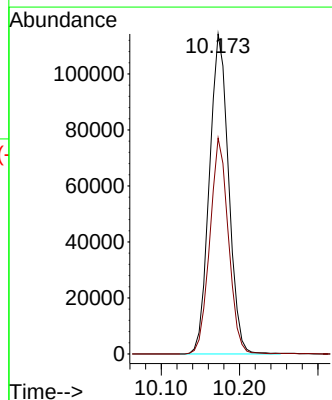
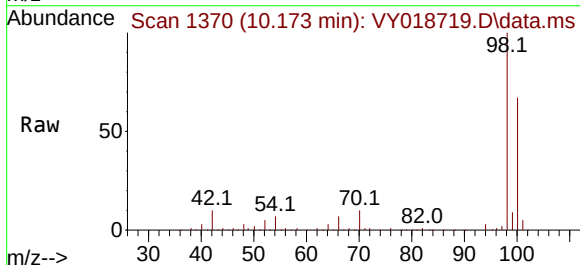
Instrument :
MSVOA_Y
ClientSampleId :
1-S-1

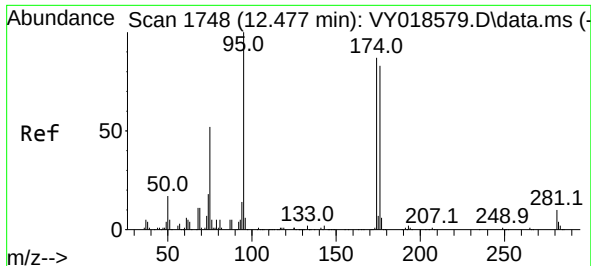
Tgt Ion:113 Resp: 52091
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 19.9 15.9 23.9



#50
Toluene-d8
Concen: 49.679 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018719.D
Acq: 27 Jun 2024 15:09

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

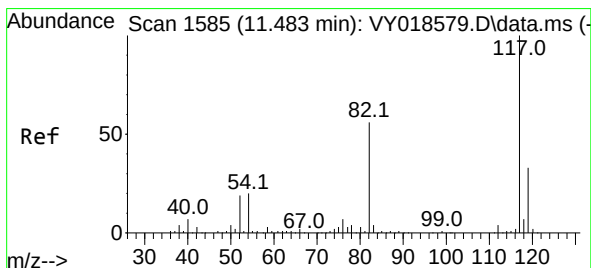
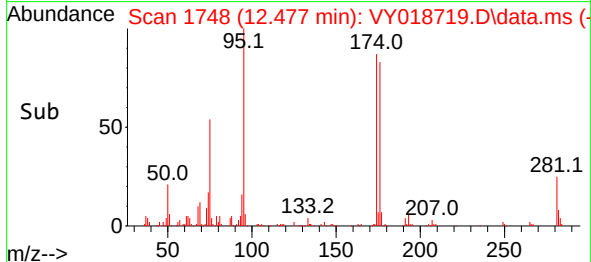
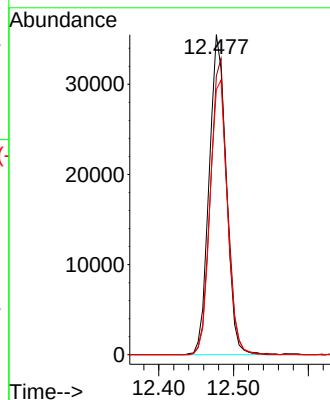
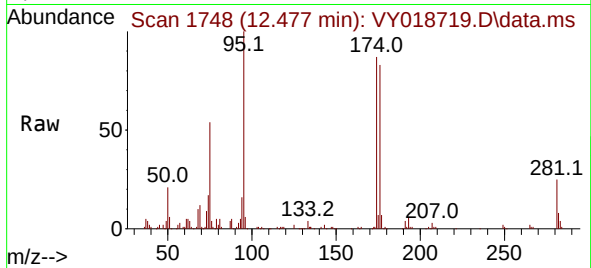




#62
4-Bromofluorobenzene
Concen: 45.784 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY018719.D
Acq: 27 Jun 2024 15:09

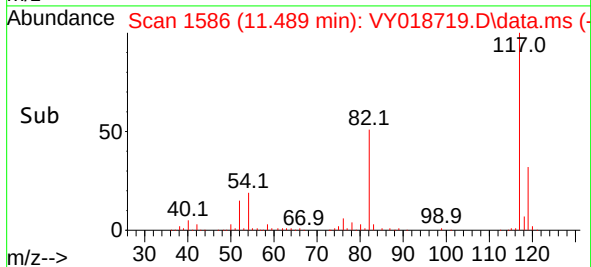
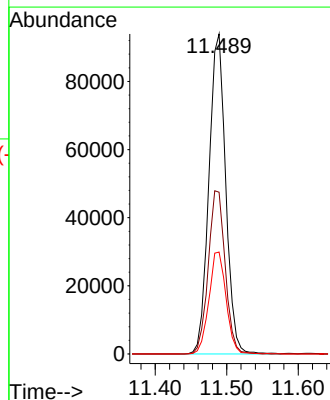
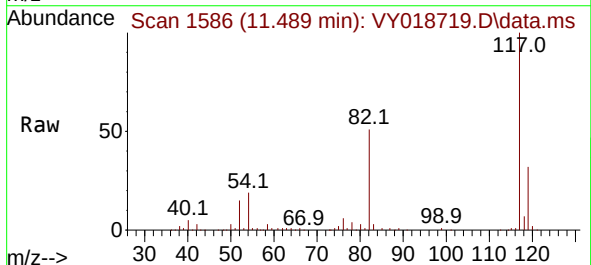
Instrument :
MSVOA_Y
ClientSampleId :
1-S-1

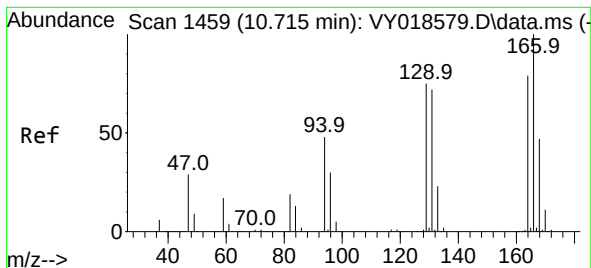
Tgt Ion:	95	Resp:	56530
Ion	Ratio	Lower	Upper
95	100		
174	91.2	0.0	175.6
176	87.5	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018719.D
Acq: 27 Jun 2024 15:09

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

Instrument :

MSVOA_Y

ClientSampleId :

1-S-1

Tgt Ion:164 Resp: 2849

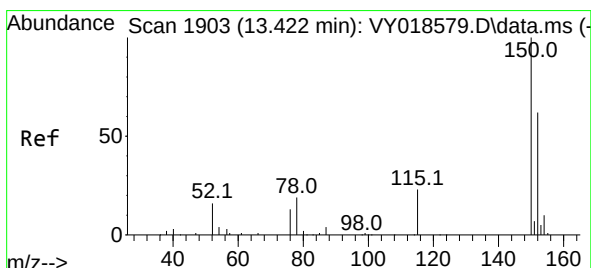
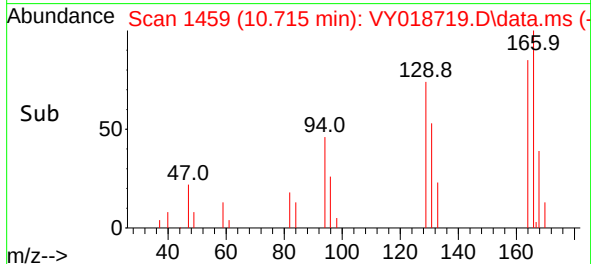
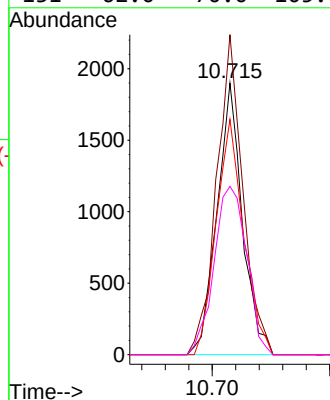
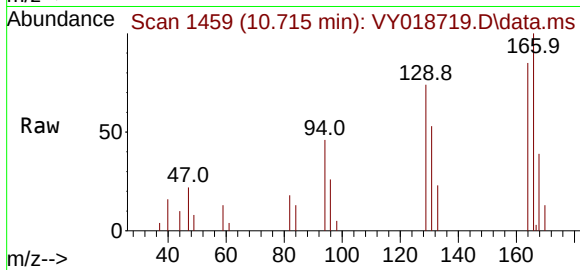
Ion Ratio Lower Upper

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

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

