

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071725\
 Data File : VU063523.D
 Acq On : 17 Jul 2025 14:16
 Operator : MD/SY
 Sample : Q2552-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WS0725-PT-THM-WS

Quant Time: Jul 18 04:12:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:49:40 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

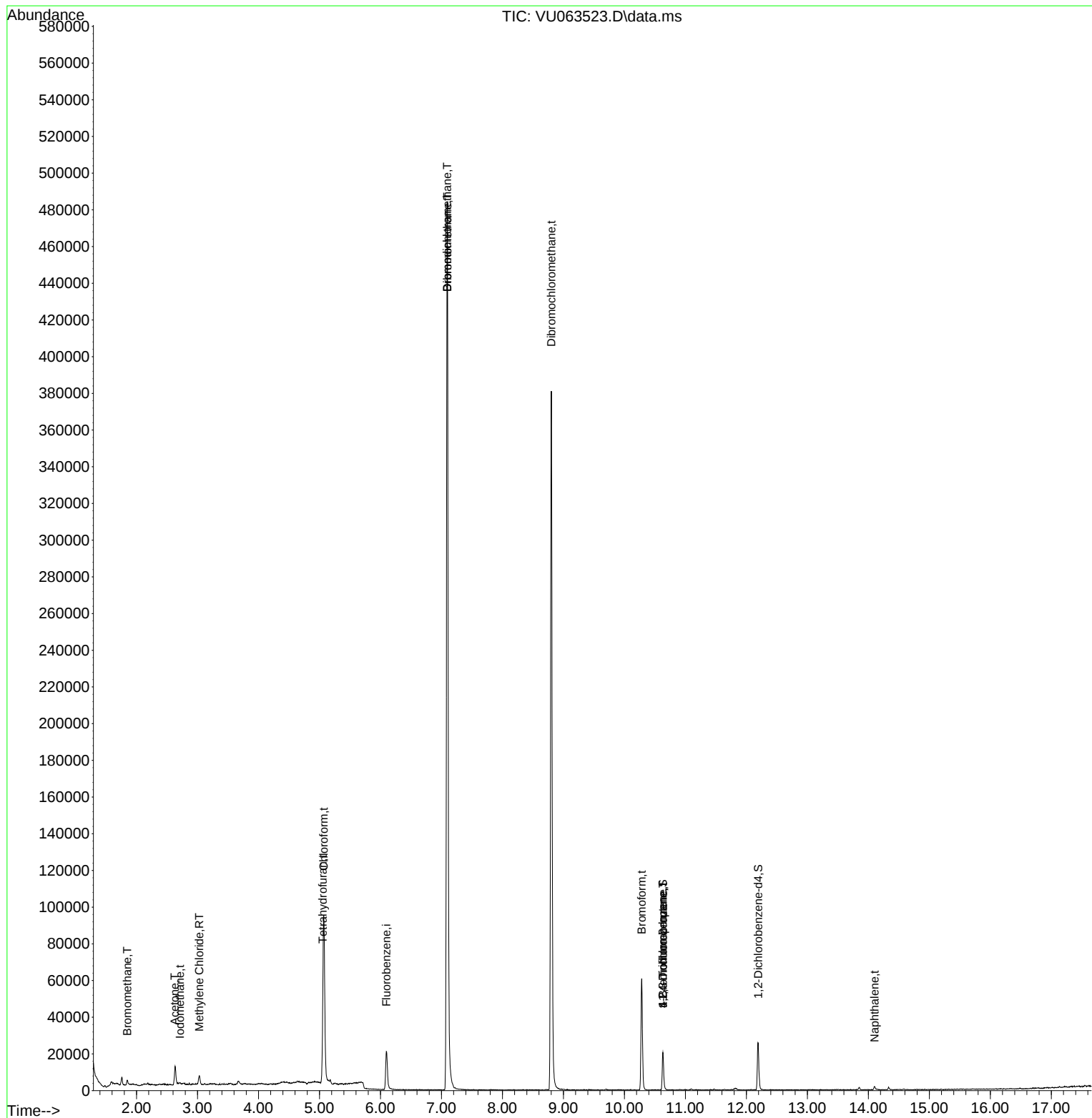
Internal Standards						
1) Fluorobenzene	6.097	96	22090	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	8273	0.989	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	6968	0.901	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.000%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.849	94	1192	0.205	ug/l	91
10) Iodomethane	2.711	142	682	0.988	ug/l	98
13) Acetone	2.628	43	662	0.576	ug/l #	86
15) Methylene Chloride	3.029	84	2088	0.309	ug/l	95
27) Chloroform	5.071	83	80530	6.537	ug/l	96
41) Tetrahydrofuran	5.055	42	351	0.277	ug/l #	30
43) Dibromomethane	7.097	93	10335	3.276	ug/l #	5
44) Bromodichloromethane	7.094	83	312821	43.963	ug/l	98
46) t-1,4-Dichloro-2-butene	10.630	75	4251	3.482	ug/l #	32
55) Dibromochloromethane	8.801	129	193536	43.114	ug/l	97
67) Bromoform	10.283	173	26724	11.591	ug/l	97
71) 1,2,3-Trichloropropane	10.630	75	4251	1.013	ug/l #	45
89) Naphthalene	14.103	128	2903	0.212	ug/l #	82

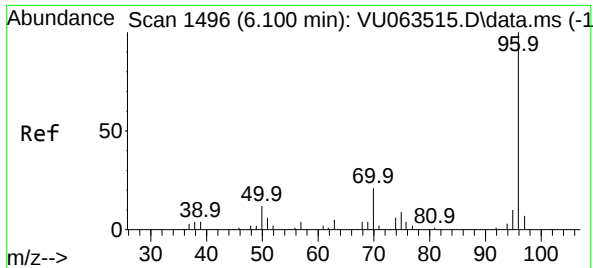
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071725\
Data File : VU063523.D
Acq On : 17 Jul 2025 14:16
Operator : MD/SY
Sample : Q2552-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-THM-WS

Quant Time: Jul 18 04:12:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 17 03:49:40 2025
Response via : Initial Calibration

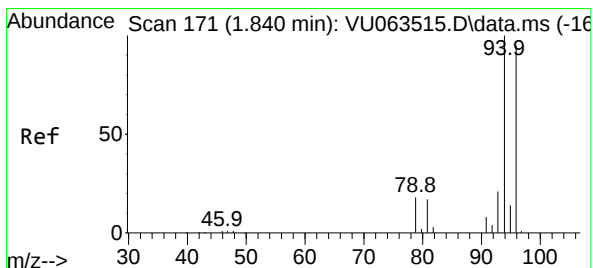
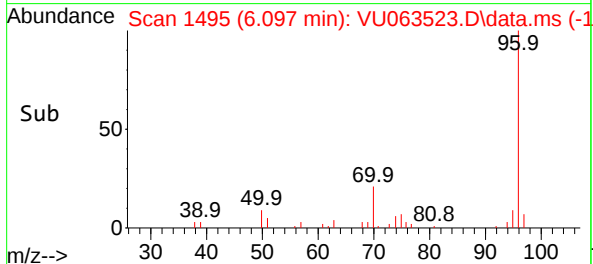
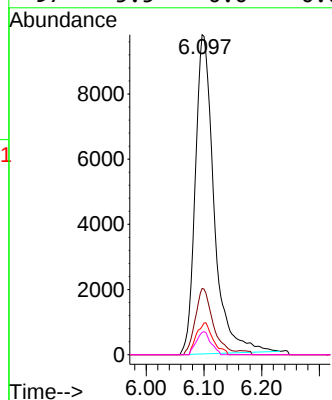
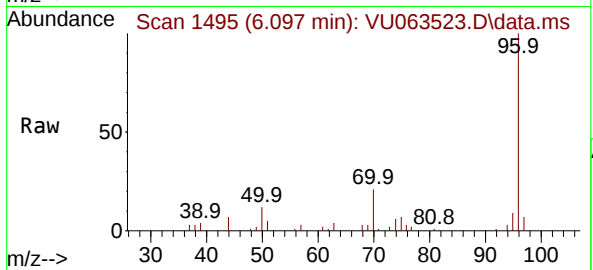




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.097 min Scan# 1496
Delta R.T. -0.003 min
Lab File: VU063523.D
Acq: 17 Jul 2025 14:16

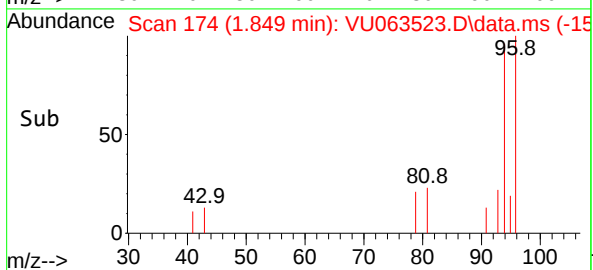
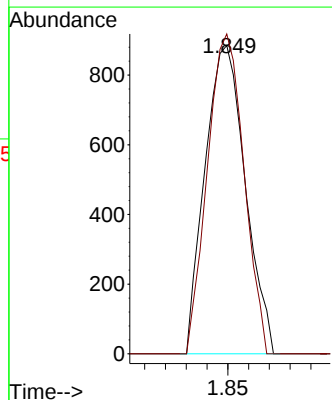
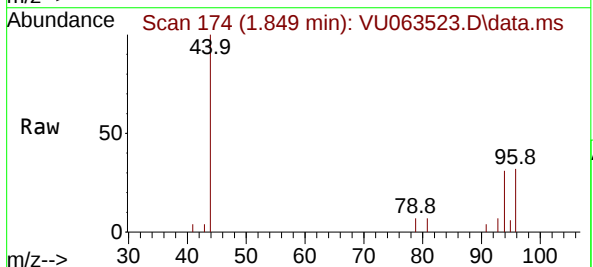
Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-THM-WS

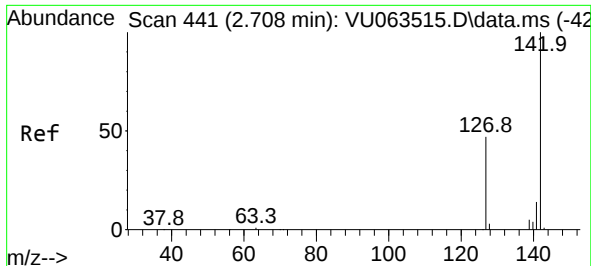
Tgt Ion:	96	Resp:	22090
Ion Ratio	Lower	Upper	
96	100		
70	18.3	15.0	22.4
95	8.8	7.4	11.0
97	5.5	0.0	0.0



#5
Bromomethane
Concen: 0.205 ug/l
RT: 1.849 min Scan# 174
Delta R.T. 0.010 min
Lab File: VU063523.D
Acq: 17 Jul 2025 14:16

Tgt Ion:	94	Resp:	1192
Ion Ratio	Lower	Upper	
94	100		
96	103.7	75.8	113.6

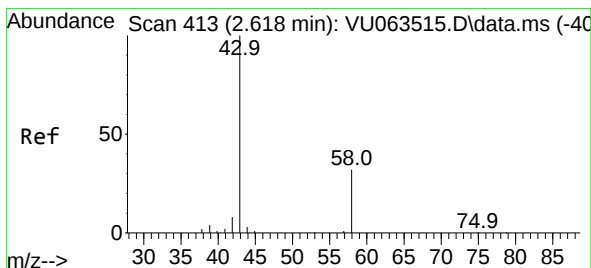
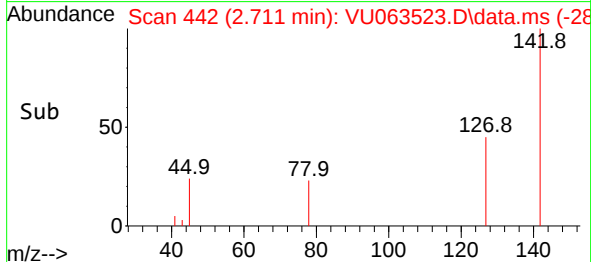
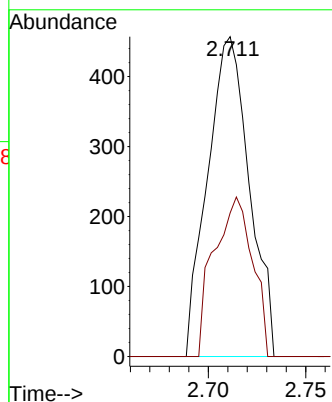
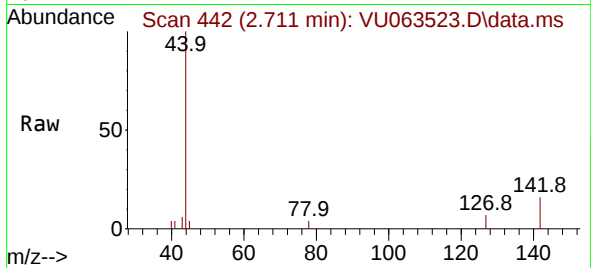




#10
Iodomethane
Concen: 0.988 ug/l
RT: 2.711 min Scan# 441
Delta R.T. 0.003 min
Lab File: VU063523.D
Acq: 17 Jul 2025 14:16

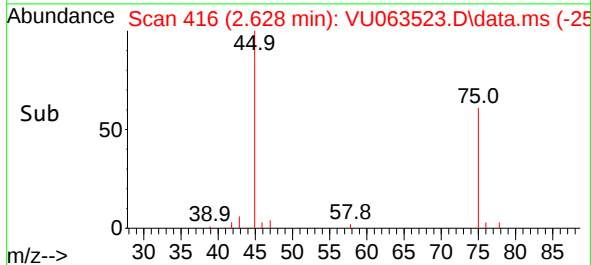
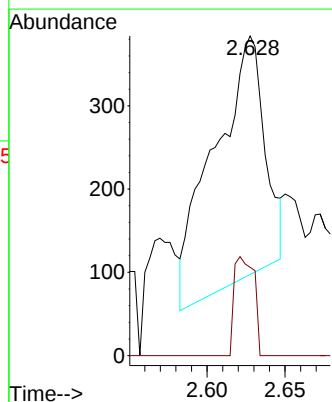
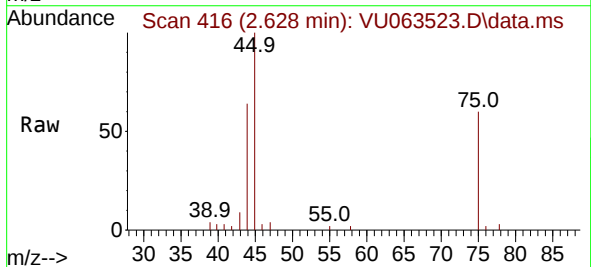
Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-THM-WS

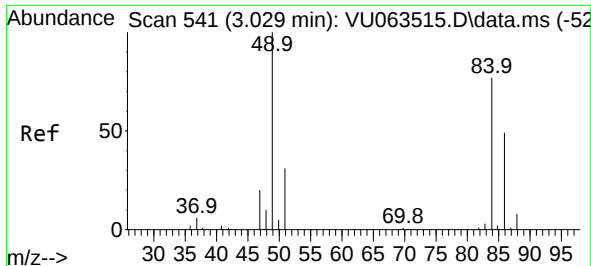
Tgt Ion:142 Resp: 682
Ion Ratio Lower Upper
142 100
127 46.0 37.9 56.9



#13
Acetone
Concen: 0.576 ug/l
RT: 2.628 min Scan# 416
Delta R.T. 0.010 min
Lab File: VU063523.D
Acq: 17 Jul 2025 14:16

Tgt Ion: 43 Resp: 662
Ion Ratio Lower Upper
43 100
58 39.6 25.4 38.0#

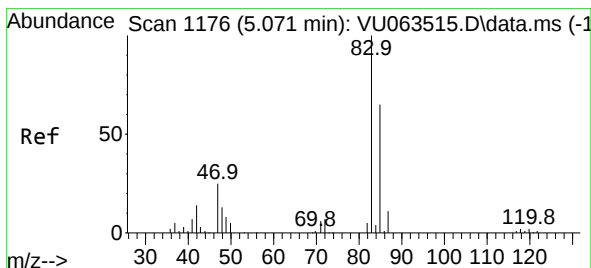
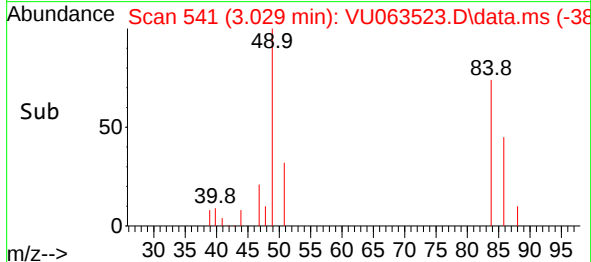
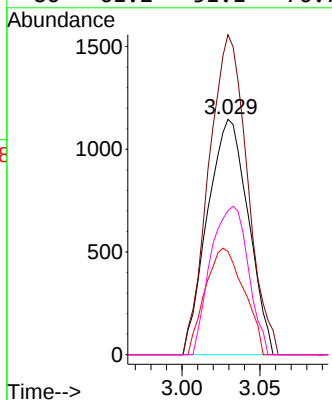
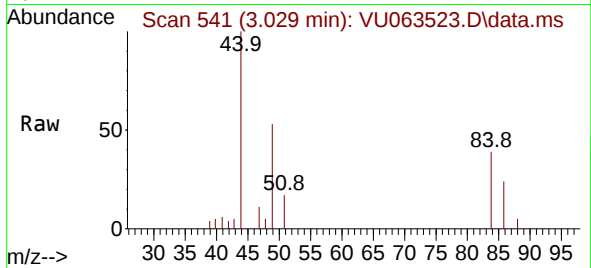




#15
Methylene Chloride
Concen: 0.309 ug/l
RT: 3.029 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063523.D
Acq: 17 Jul 2025 14:16

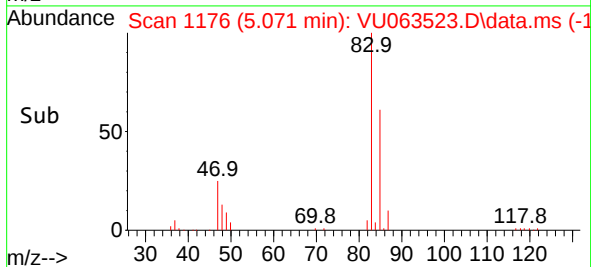
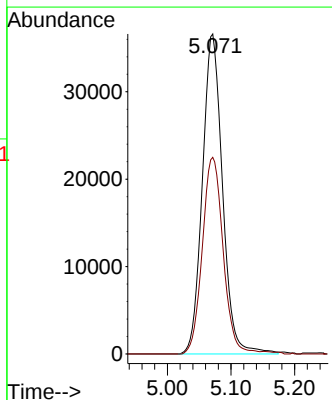
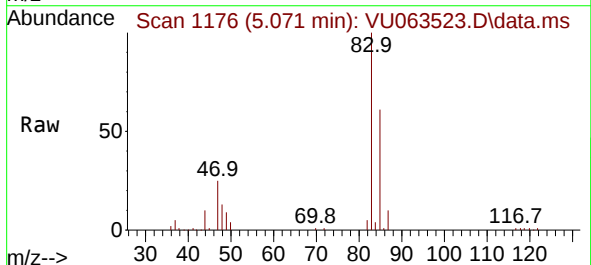
Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-THM-WS

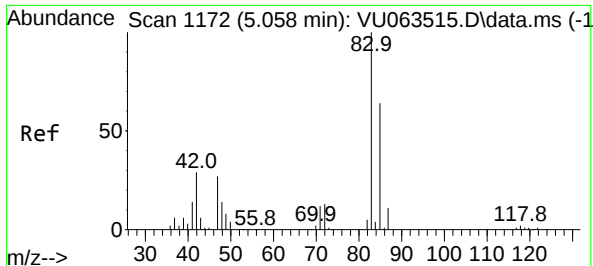
Tgt Ion:	84	Resp:	2088
Ion	Ratio	Lower	Upper
84	100		
49	136.0	103.8	155.8
51	43.8	0.0	80.4
86	61.2	51.1	76.7



#27
Chloroform
Concen: 6.537 ug/l
RT: 5.071 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VU063523.D
Acq: 17 Jul 2025 14:16

Tgt Ion:	83	Resp:	80530
Ion	Ratio	Lower	Upper
83	100		
85	61.5	0.0	130.0





#41

Tetrahydrofuran

Concen: 0.277 ug/l

RT: 5.055 min Scan# 1172

Delta R.T. -0.003 min

Lab File: VU063523.D

Acq: 17 Jul 2025 14:16

Instrument :

MSVOA_U

ClientSampleId :

WS0725-PT-THM-WS

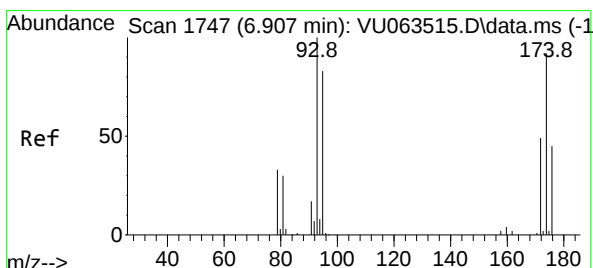
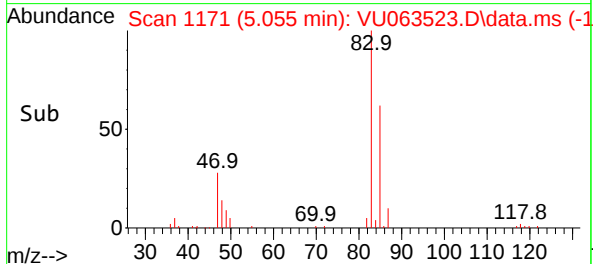
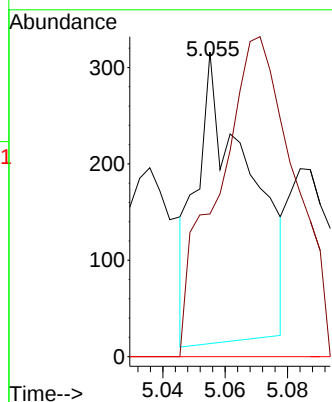
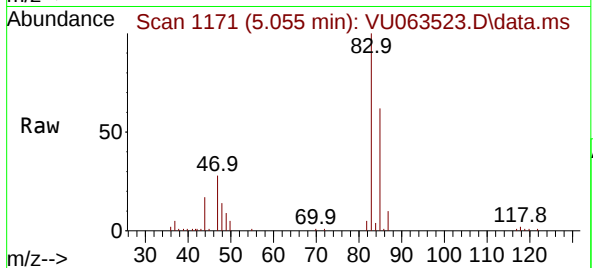
Tgt Ion: 42 Resp: 351

Ion Ratio Lower Upper

42 100

72 0.0 39.2 58.8#

71 0.0 34.8 52.2#



#43

Dibromomethane

Concen: 3.276 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. 0.190 min

Lab File: VU063523.D

Acq: 17 Jul 2025 14:16

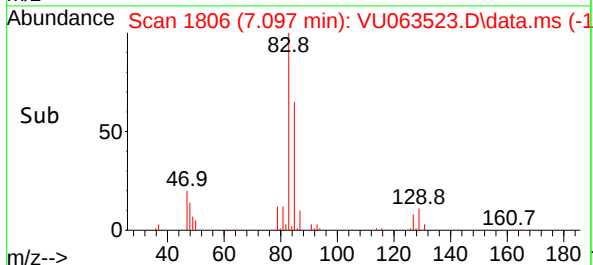
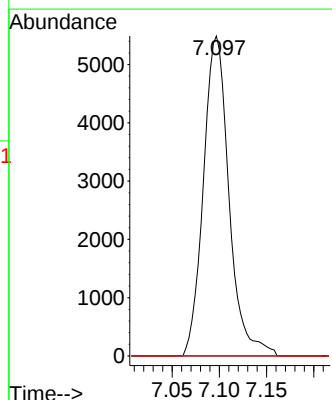
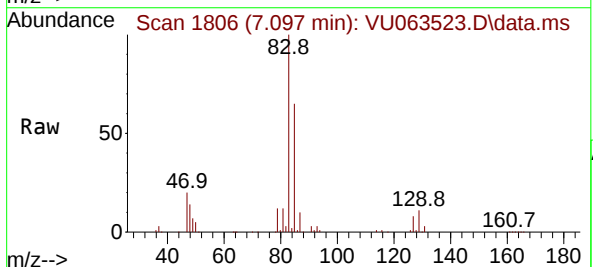
Tgt Ion: 93 Resp: 10335

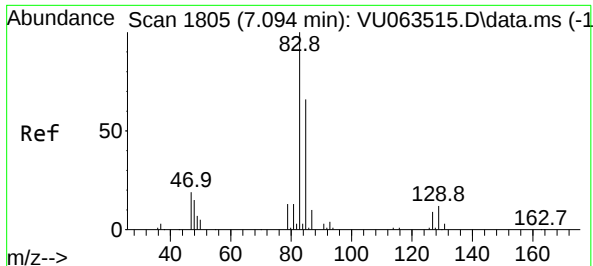
Ion Ratio Lower Upper

93 100

95 0.0 67.9 101.9#

174 0.0 74.6 111.8#

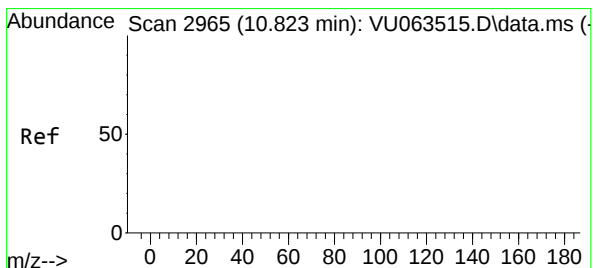
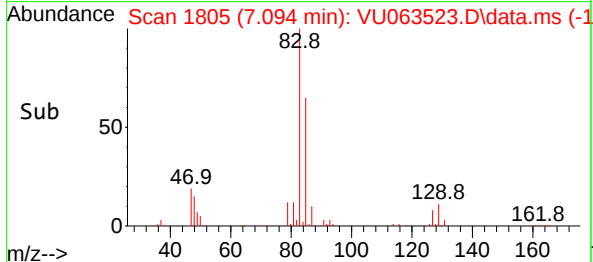
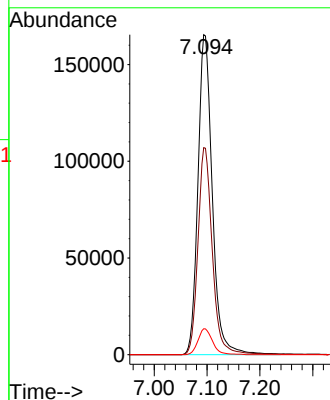
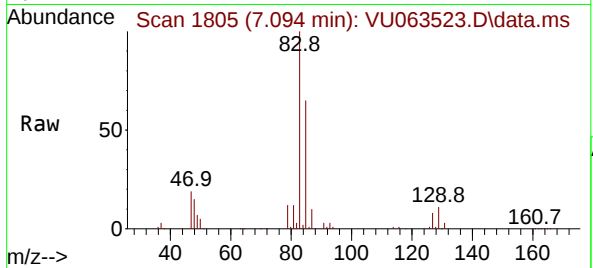




#44
Bromodichloromethane
Concen: 43.963 ug/l
RT: 7.094 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063523.D
Acq: 17 Jul 2025 14:16

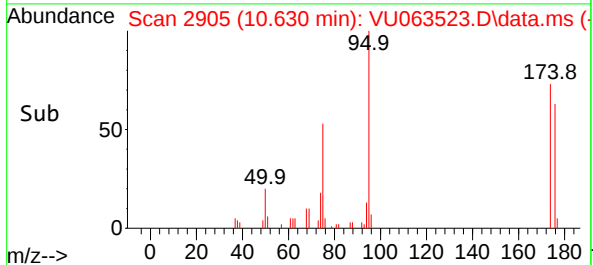
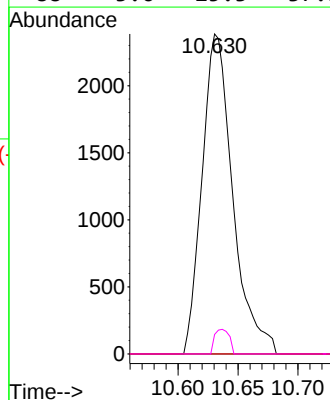
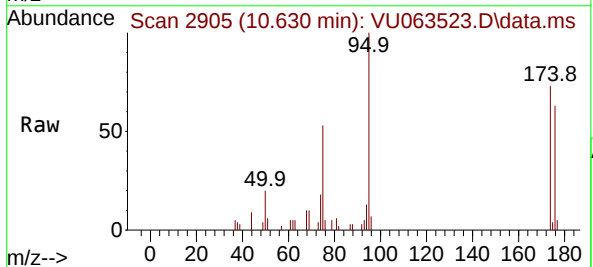
Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-THM-WS

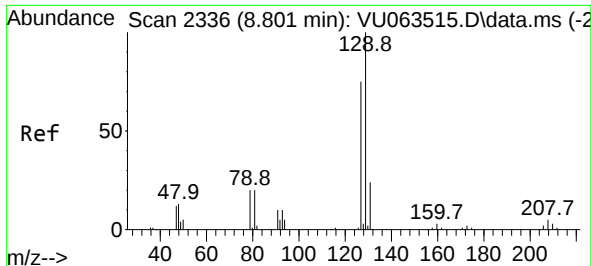
Tgt Ion: 83 Resp: 312821
Ion Ratio Lower Upper
83 100
85 64.7 52.7 79.1
127 8.1 8.1 12.1



#46
t-1,4-Dichloro-2-butene
Concen: 3.482 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. -0.193 min
Lab File: VU063523.D
Acq: 17 Jul 2025 14:16

Tgt Ion: 75 Resp: 4251
Ion Ratio Lower Upper
75 100
53 0.0 48.4 72.6#
89 0.0 30.6 45.8#
88 3.6 25.3 37.9#

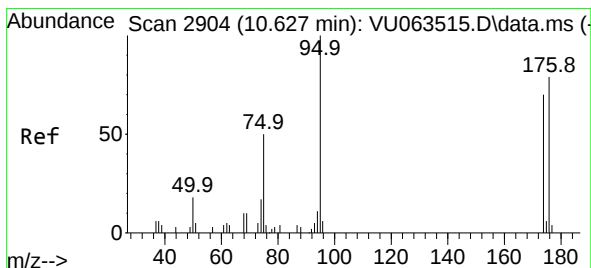
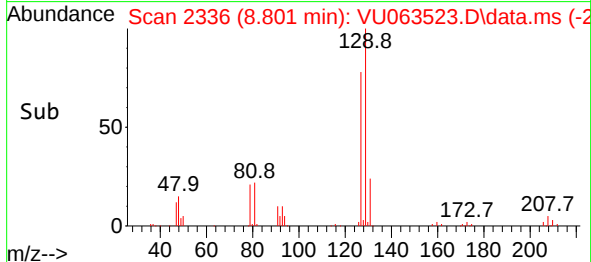
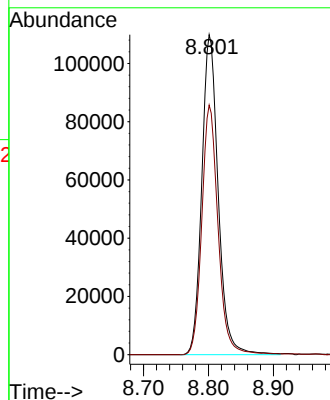
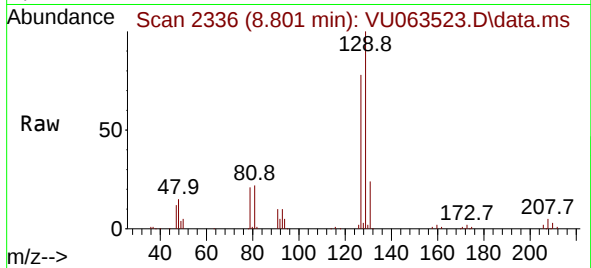




#55
Dibromochloromethane
Concen: 43.114 ug/l
RT: 8.801 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063523.D
Acq: 17 Jul 2025 14:16

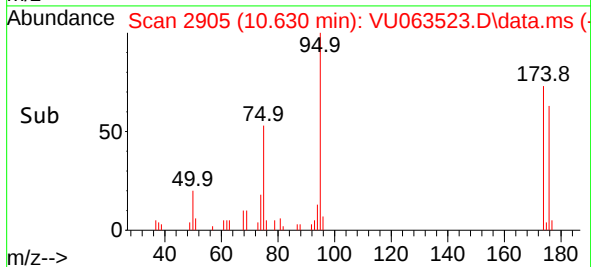
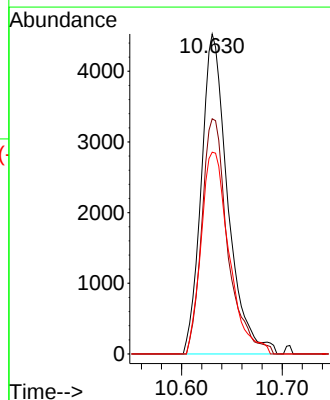
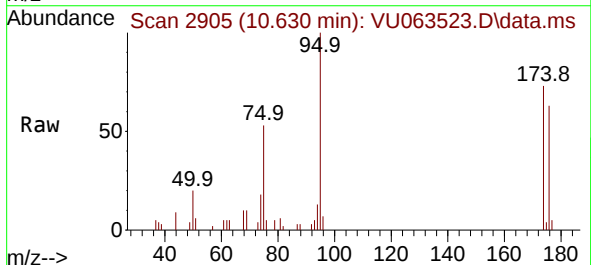
Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-THM-WS

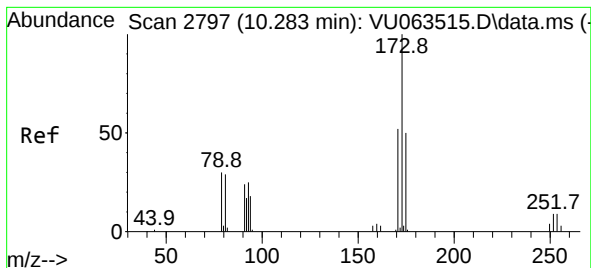
Tgt Ion:129 Resp: 193536
Ion Ratio Lower Upper
129 100
127 77.3 60.1 90.1



#57
4-Bromofluorobenzene
Concen: 0.989 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VU063523.D
Acq: 17 Jul 2025 14:16

Tgt Ion: 95 Resp: 8273
Ion Ratio Lower Upper
95 100
174 72.1 59.8 89.8
176 66.6 61.8 92.8





#67

Bromoform

Concen: 11.591 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063523.D

Acq: 17 Jul 2025 14:16

Instrument :

MSVOA_U

ClientSampleId :

WS0725-PT-THM-WS

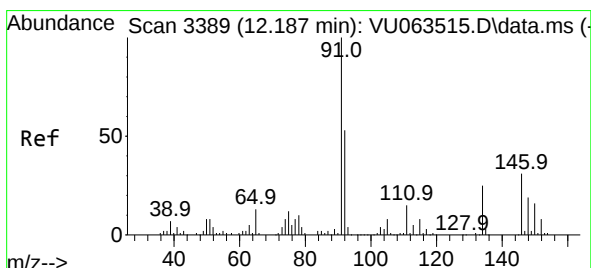
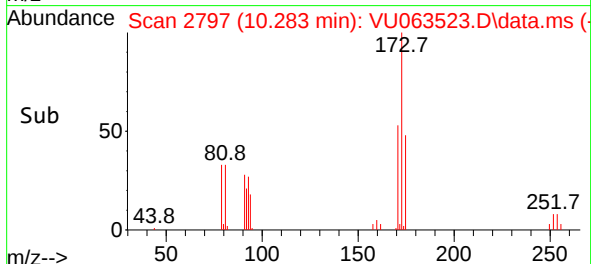
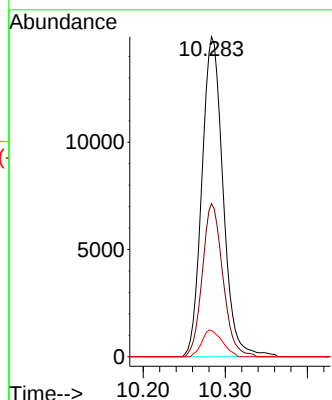
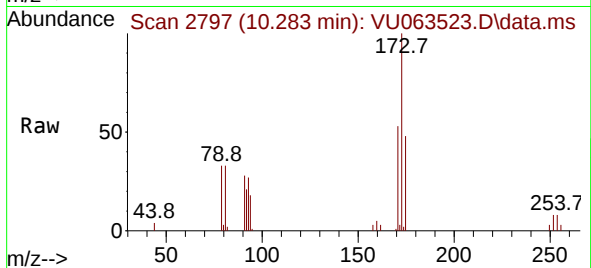
Tgt Ion:173 Resp: 26724

Ion Ratio Lower Upper

173 100

175 46.3 39.0 58.4

254 8.0 6.5 9.7



#68

1,2-Dichlorobenzene-d4

Concen: 0.901 ug/l

RT: 12.193 min Scan# 3391

Delta R.T. 0.006 min

Lab File: VU063523.D

Acq: 17 Jul 2025 14:16

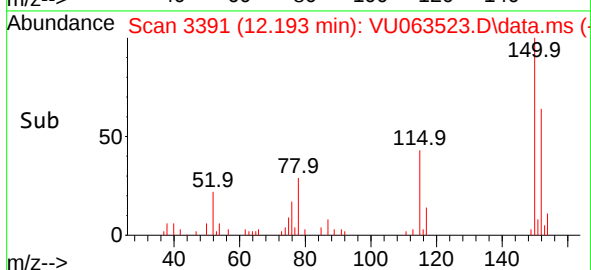
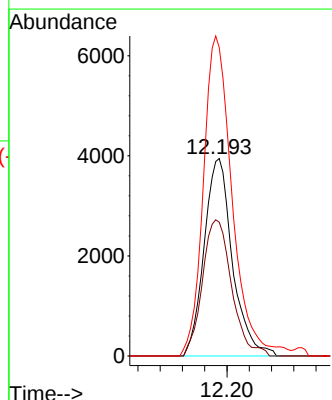
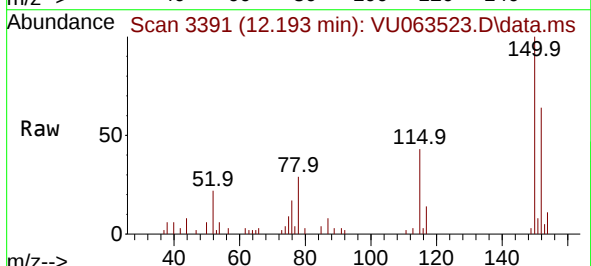
Tgt Ion:152 Resp: 6968

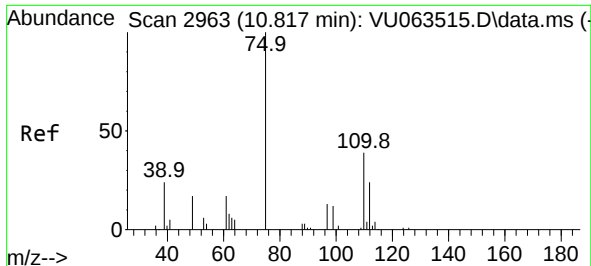
Ion Ratio Lower Upper

152 100

115 71.1 0.0 262.2

150 165.1 0.0 651.2

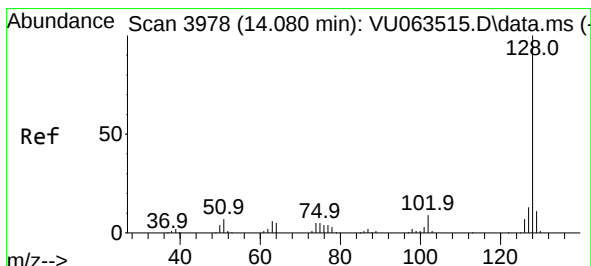
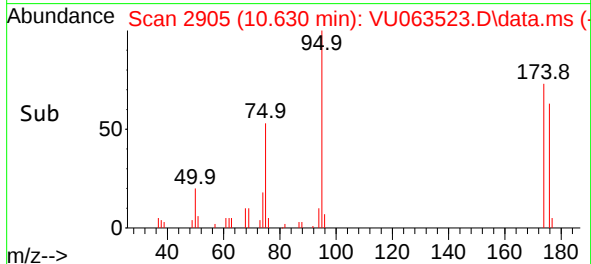
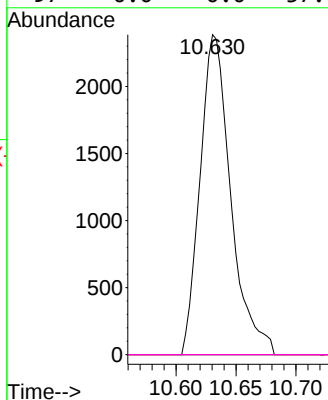
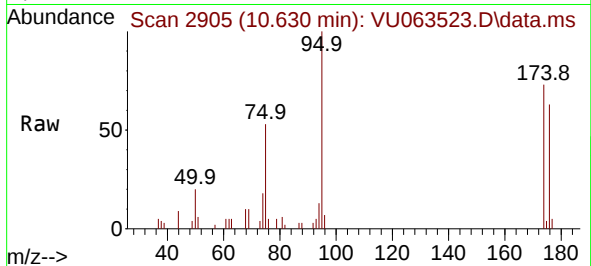




#71
1,2,3-Trichloropropane
Concen: 1.013 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. -0.187 min
Lab File: VU063523.D
Acq: 17 Jul 2025 14:16

Instrument :
MSVOA_U
ClientSampleId :
WS0725-PT-THM-WS

Tgt Ion:	75	Resp:	4251
Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#
110	0.0	0.0	73.2
97	0.0	0.0	37.6



#89
Naphthalene
Concen: 0.212 ug/l
RT: 14.103 min Scan# 3985
Delta R.T. 0.023 min
Lab File: VU063523.D
Acq: 17 Jul 2025 14:16

Tgt Ion:	128	Resp:	2903
Ion	Ratio	Lower	Upper
128	100		
127	7.3	10.2	15.4#
129	2.4	8.8	13.2#

