

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059818.D
 Acq On : 03 Jul 2024 23:41
 Operator : MD/SY
 Sample : P3136-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 04 02:14:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 04 02:08:13 2024
 Response via : Initial Calibration

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

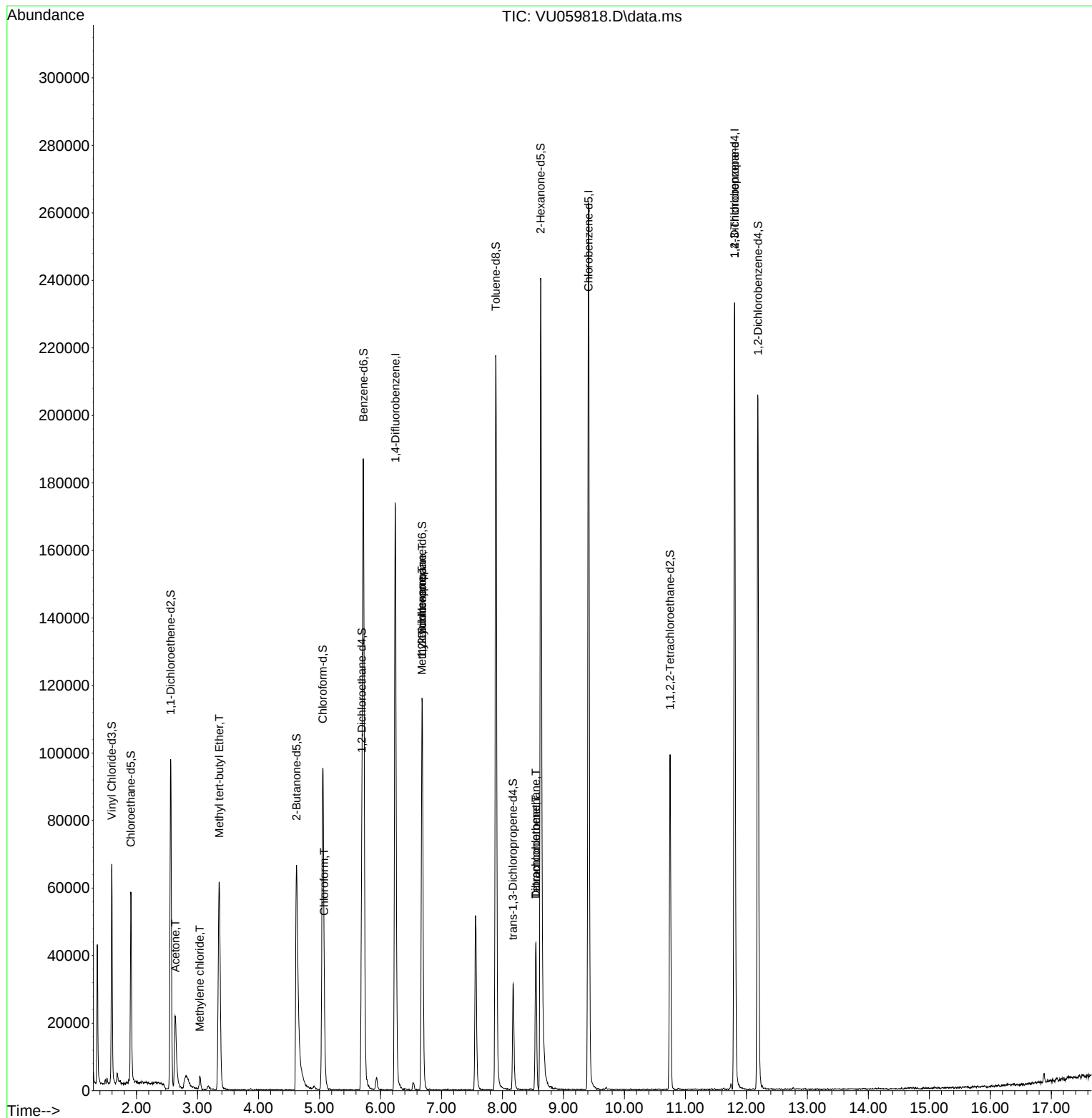
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	151476	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	157747	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	69462	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	47256	4.487	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.907	69	42108	4.155	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.560	65	17965	4.111	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	4.624	46	110204	50.794	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.580%
24) Chloroform-d	5.055	84	92106	4.260	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.695	65	46408	4.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.721	84	184806	4.257	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.682	67	59276	4.456	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.891	98	157397	3.900	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	8.174	79	19548	4.693	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.627	63	86915	50.215	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.440%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	51430	4.679	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	60256	4.874	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
13) Acetone	2.637	43	33224	23.607	ug/L	96
16) Methylene chloride	3.036	84	2052	0.161	ug/L #	75
17) Methyl tert-butyl Ether	3.357	73	70344	3.039	ug/L	98
25) Chloroform	5.078	83	7782	0.359	ug/L	89
35) Methylcyclohexane	6.679	83	14101	0.764	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	6138	0.495	ug/L #	90
47) Tetrachloroethene	8.547	164	10307	1.024	ug/L	93
49) Dibromochloromethane	8.547	129	9690	0.958	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	7840	1.221	ug/L #	67

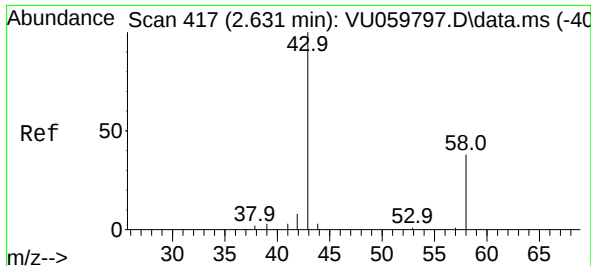
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 23.607 ug/L

RT: 2.637 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU059818.D

Acq: 03 Jul 2024 23:41

Instrument :

MSVOA_U

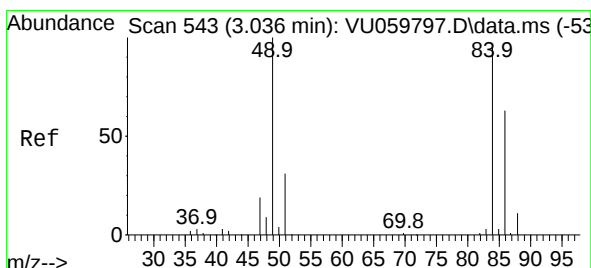
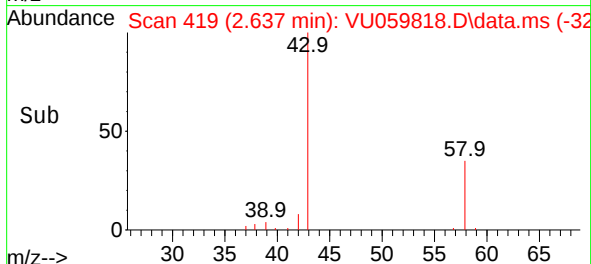
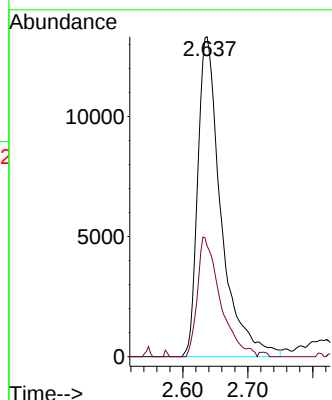
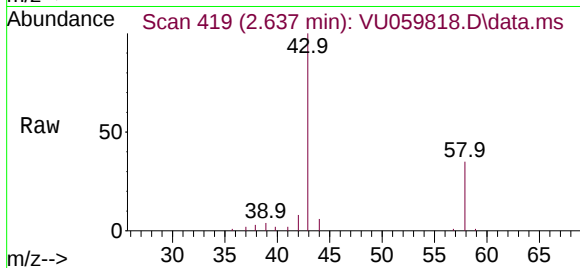
ClientSampleId :

Tgt Ion: 43 Resp: 33224

Ion Ratio Lower Upper

43 100

58 36.5 0.0 68.0



#16

Methylene chloride

Concen: 0.161 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU059818.D

Acq: 03 Jul 2024 23:41

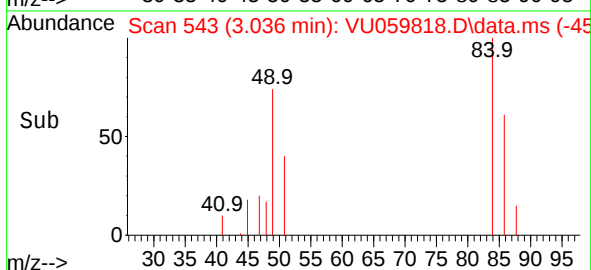
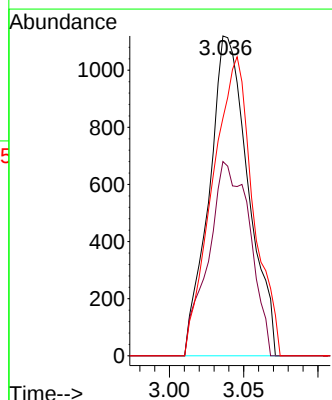
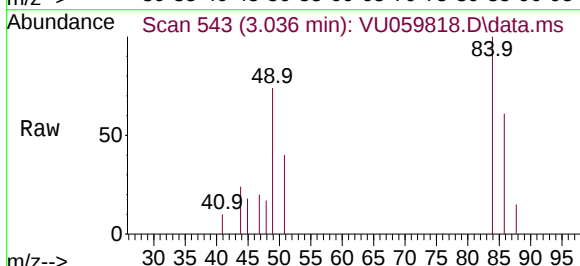
Tgt Ion: 84 Resp: 2052

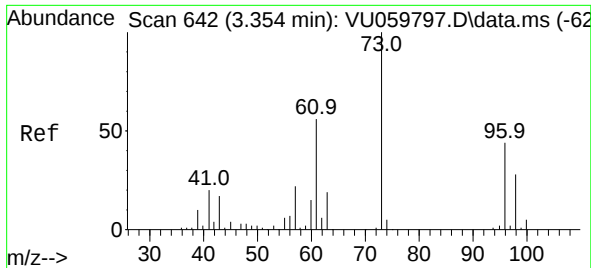
Ion Ratio Lower Upper

84 100

86 60.7 42.1 78.1

49 74.3 80.6 149.8#

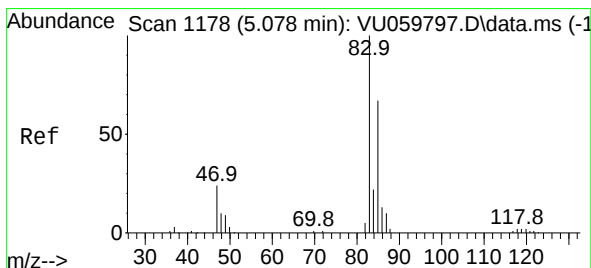
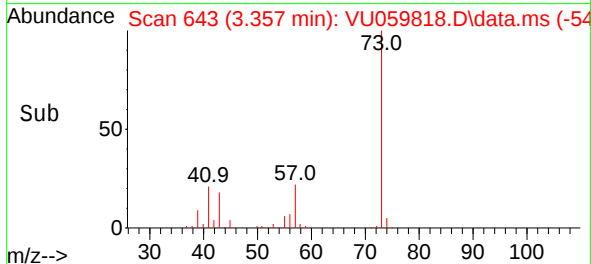
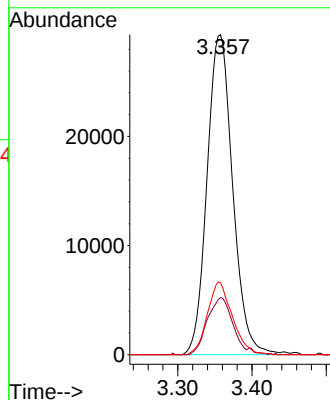
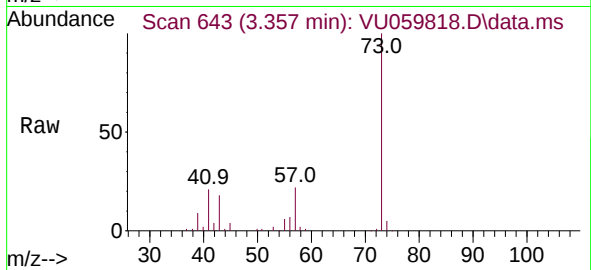




#17
Methyl tert-butyl Ether
Concen: 3.039 ug/L
RT: 3.357 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU059818.D
Acq: 03 Jul 2024 23:41

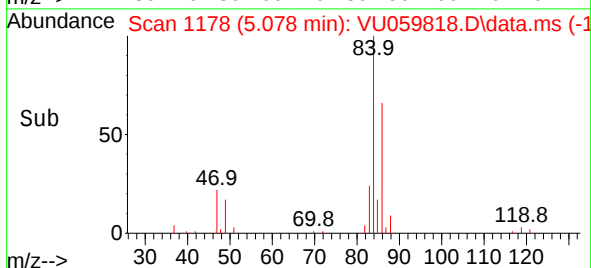
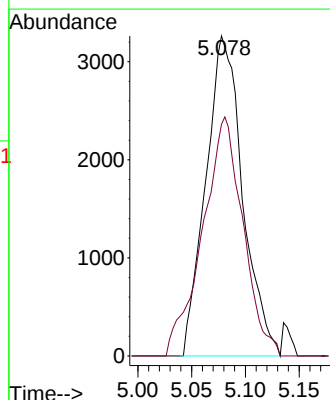
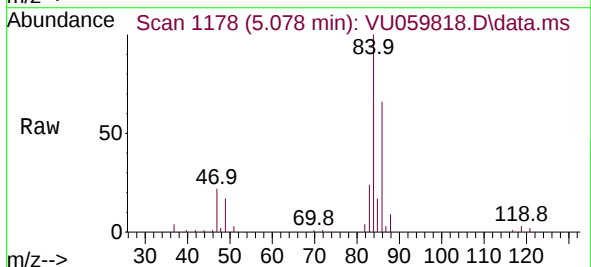
Instrument :
MSVOA_U
ClientSampleId :

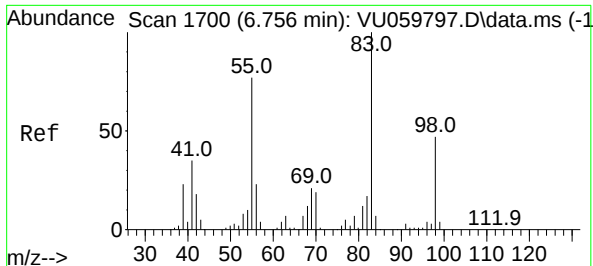
Tgt Ion: 73 Resp: 70344
Ion Ratio Lower Upper
73 100
43 17.4 14.9 22.3
57 22.1 18.0 27.0



#25
Chloroform
Concen: 0.359 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU059818.D
Acq: 03 Jul 2024 23:41

Tgt Ion: 83 Resp: 7782
Ion Ratio Lower Upper
83 100
85 72.4 44.7 83.1

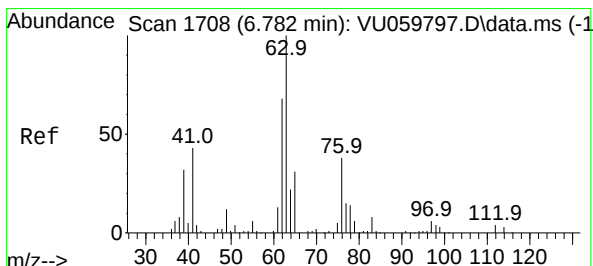
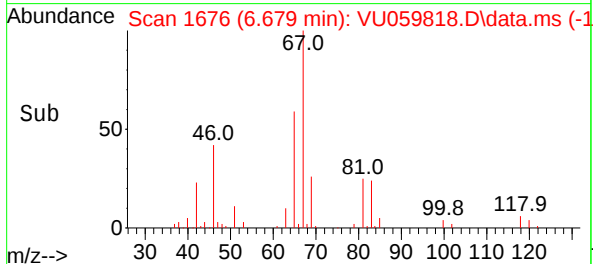
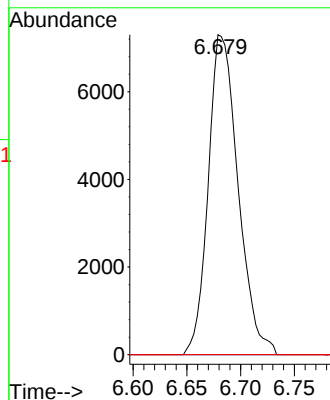
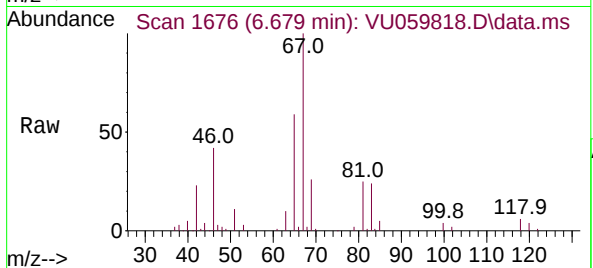




#35
Methylcyclohexane
Concen: 0.764 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.077 min
Lab File: VU059818.D
Acq: 03 Jul 2024 23:41

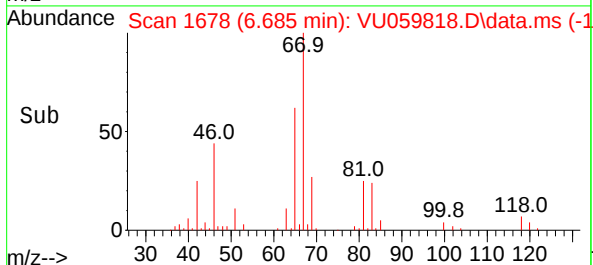
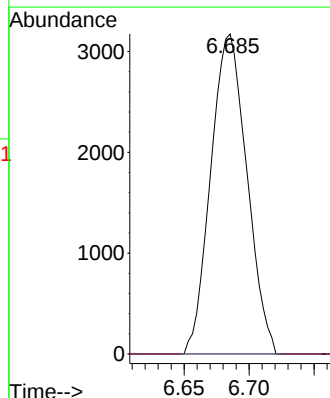
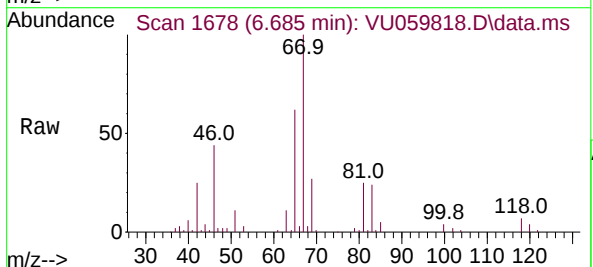
Instrument :
MSVOA_U
ClientSampleId :

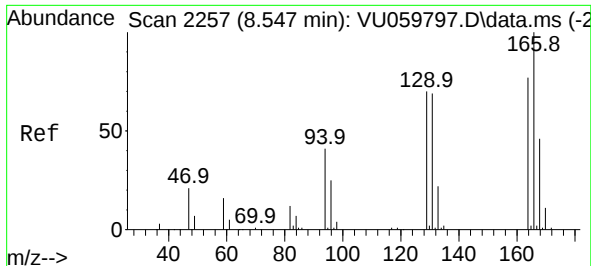
Tgt Ion: 83 Resp: 14101
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.3 35.4 53.0#



#37
1,2-Dichloropropane
Concen: 0.495 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.097 min
Lab File: VU059818.D
Acq: 03 Jul 2024 23:41

Tgt Ion: 63 Resp: 6138
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#





#47

Tetrachloroethene

Concen: 1.024 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

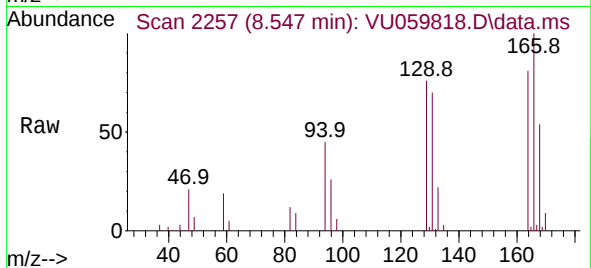
Lab File: VU059818.D

Acq: 03 Jul 2024 23:41

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 10307

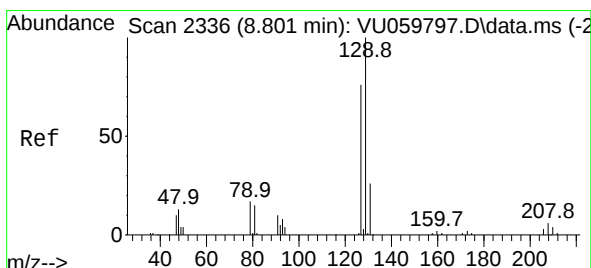
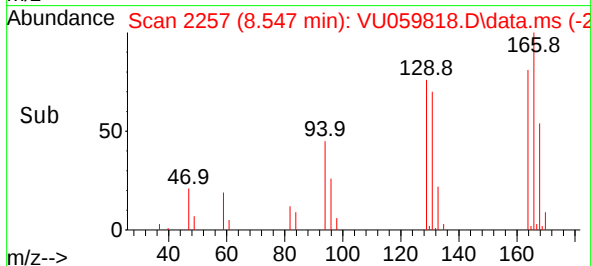
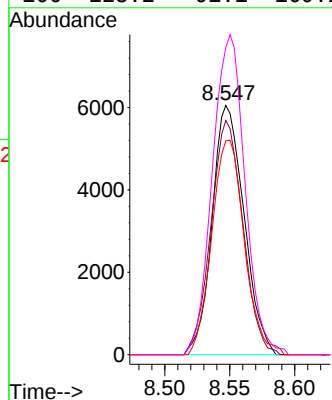
Ion Ratio Lower Upper

164 100

129 94.0 70.8 131.4

131 85.7 64.8 120.3

166 123.2 91.1 169.1



#49

Dibromochloromethane

Concen: 0.958 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU059818.D

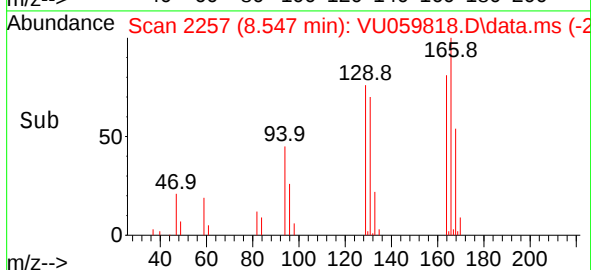
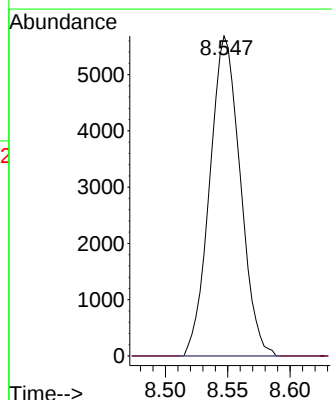
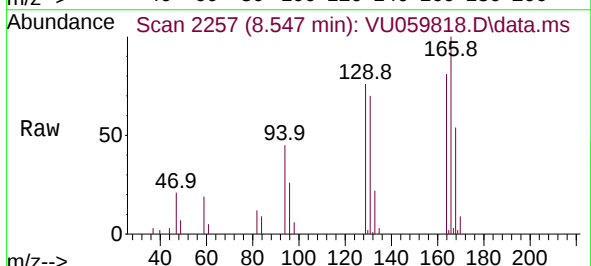
Acq: 03 Jul 2024 23:41

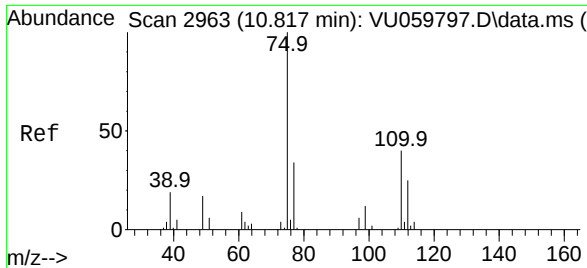
Tgt Ion:129 Resp: 9690

Ion Ratio Lower Upper

129 100

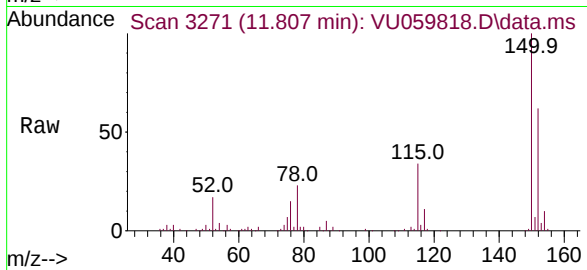
127 0.0 52.5 97.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.221 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU059818.D
 Acq: 03 Jul 2024 23:41

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 7840
 Ion Ratio Lower Upper
 75 100
 110 0.0 27.1 40.7#
 77 29.6 25.4 38.2

