

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040124\
 Data File : VU058316.D
 Acq On : 01 Apr 2024 16:17
 Operator : MD/SY
 Sample : P1912-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 02 02:28:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 02 02:24:47 2024
 Response via : Initial Calibration

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

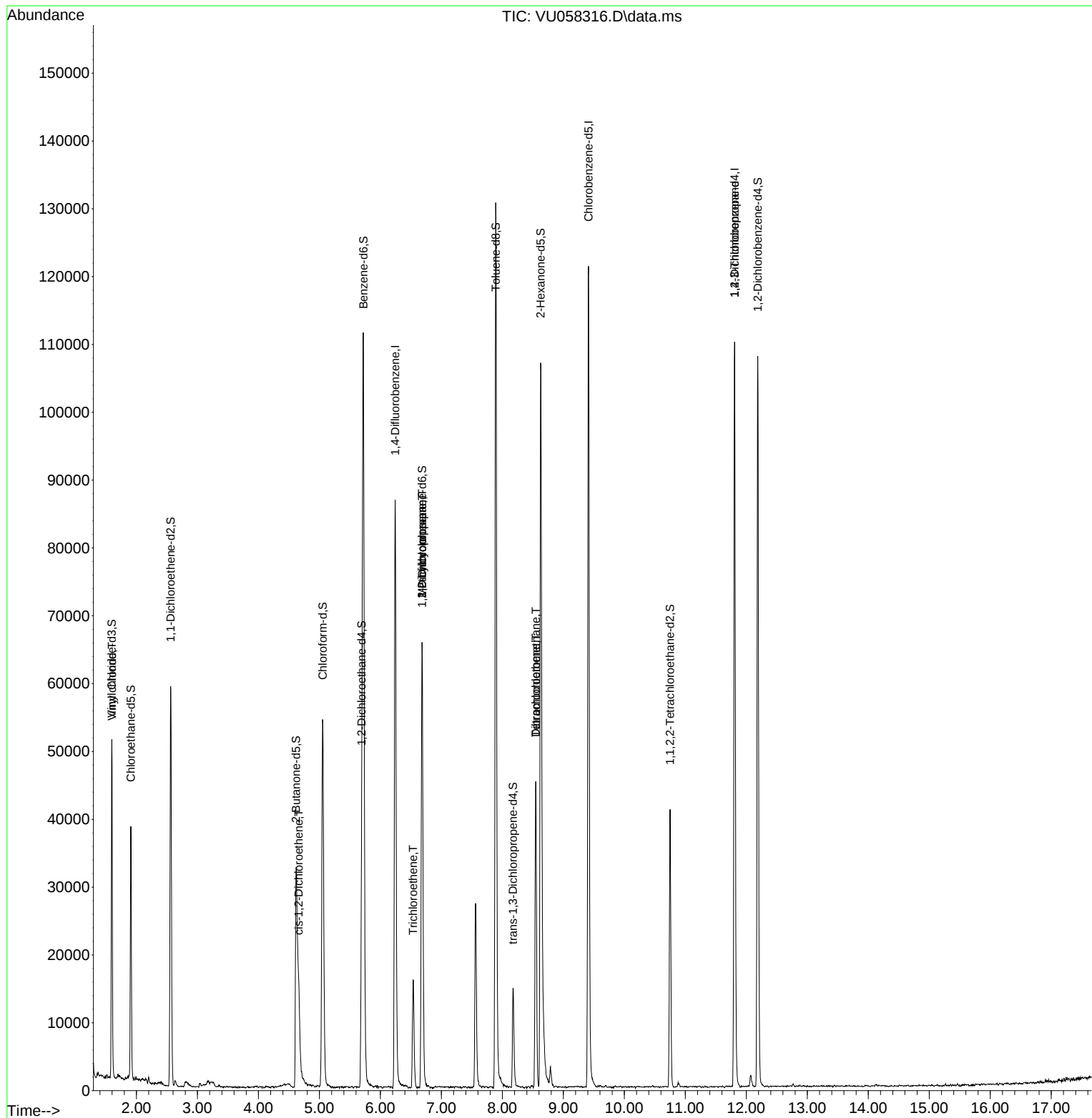
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	70701	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	68216	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	29957	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	27126	4.540	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.800%
7) Chloroethane-d5	1.908	69	25050	5.137	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.800%
11) 1,1-Dichloroethene-d2	2.560	65	11552	4.657	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	4.618	46	52923	49.860	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.720%
24) Chloroform-d	5.056	84	51131	4.787	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.692	65	25938	5.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.721	84	105844	4.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.682	67	32552	4.985	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.891	98	89161	4.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.174	79	9484	4.533	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.628	63	38933	45.947	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.900%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	21440	5.040	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	28673	5.140	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
5) Vinyl chloride	1.599	62	8684	2.142	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	4856	1.061	ug/L	88
34) Trichloroethene	6.538	95	5642	1.209	ug/L	86
35) Methylcyclohexane	6.682	83	7208	1.107	ug/L #	22
37) 1,2-Dichloropropane	6.686	63	3608	0.721	ug/L #	90
47) Tetrachloroethene	8.547	164	9514	3.043	ug/L	97
49) Dibromochloromethane	8.547	129	9720	2.818	ug/L #	10
61) 1,2,3-Trichloropropane	11.808	75	4020	1.602	ug/L #	66

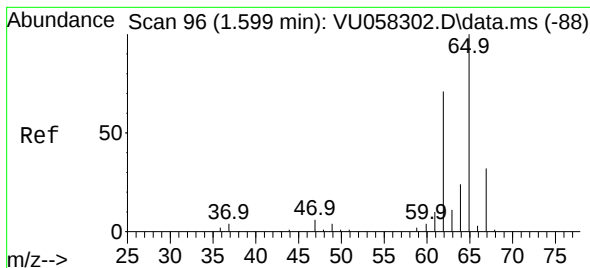
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.142 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU058316.D

Acq: 01 Apr 2024 16:17

Instrument :

MSVOA_U

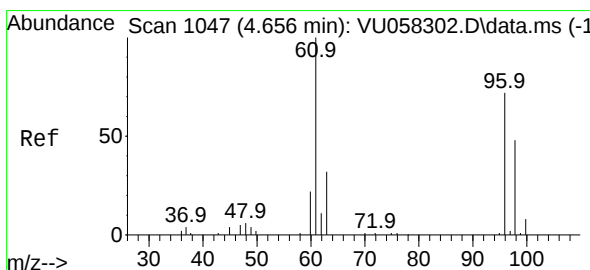
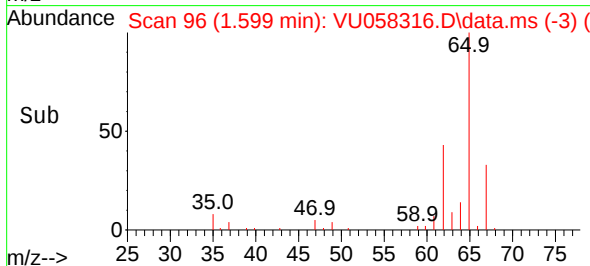
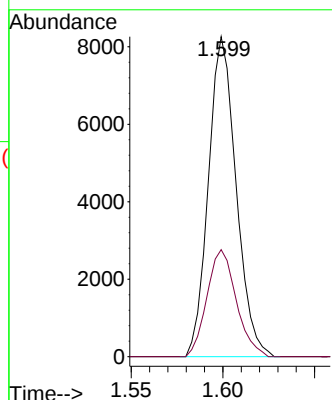
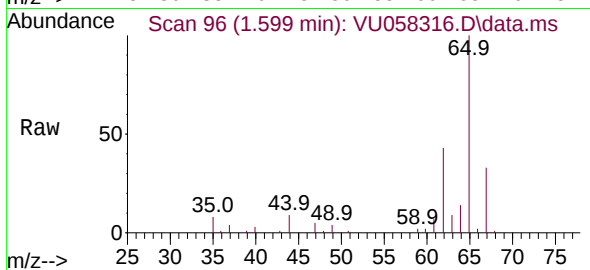
ClientSampleId :

Tgt Ion: 62 Resp: 8684

Ion Ratio Lower Upper

62 100

64 33.5 23.4 43.6



#22

cis-1,2-Dichloroethene

Concen: 1.061 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.004 min

Lab File: VU058316.D

Acq: 01 Apr 2024 16:17

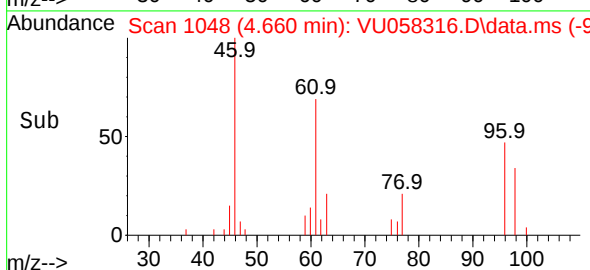
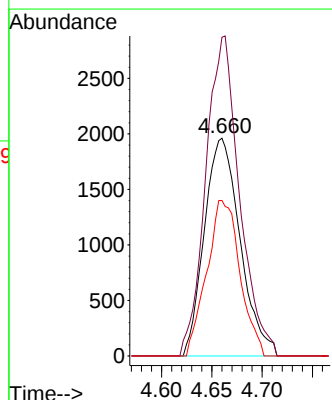
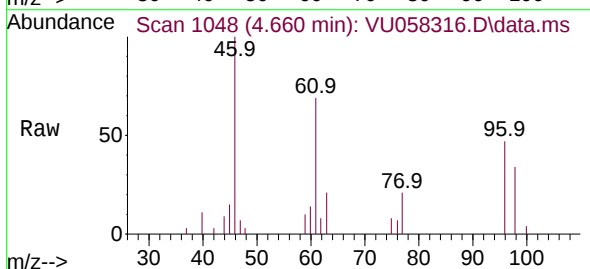
Tgt Ion: 96 Resp: 4856

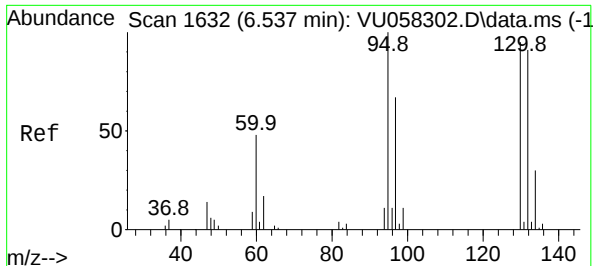
Ion Ratio Lower Upper

96 100

61 146.4 92.8 172.4

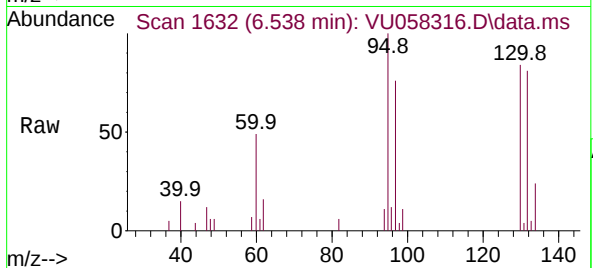
98 71.4 43.2 80.2



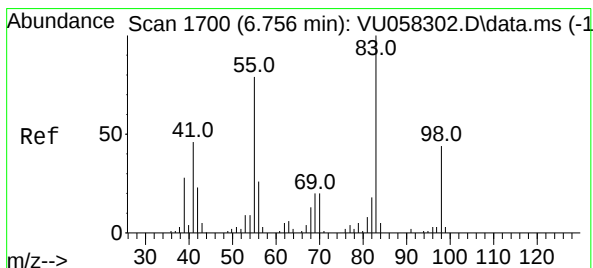
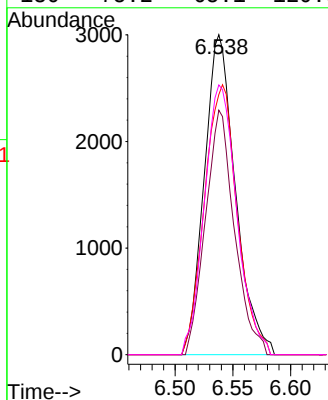
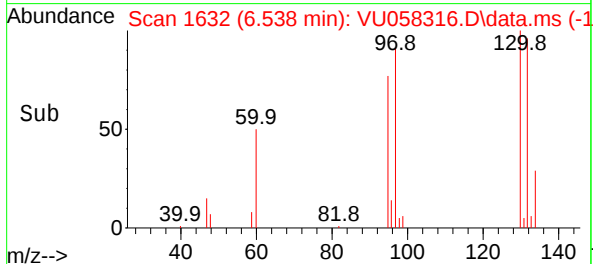


#34
Trichloroethene
Concen: 1.209 ug/L
RT: 6.538 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VU058316.D
Acq: 01 Apr 2024 16:17

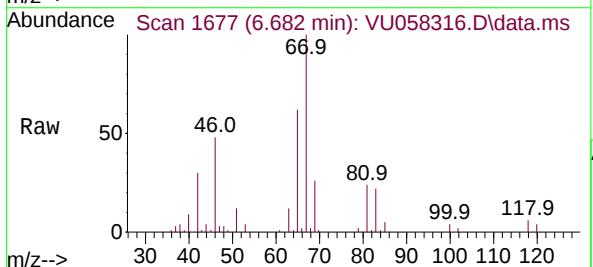
Instrument :
MSVOA_U
ClientSampleId :



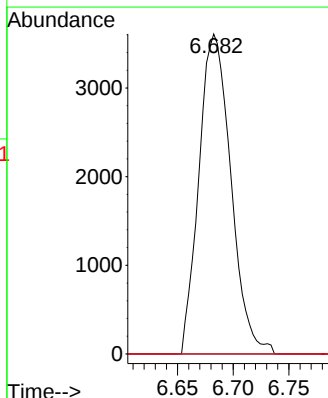
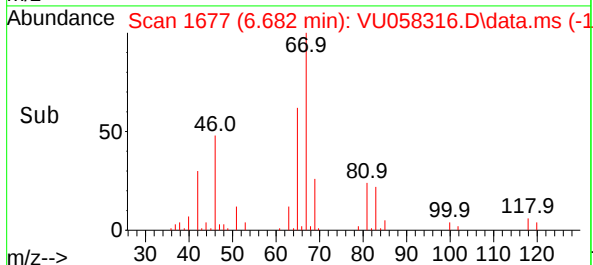
Tgt Ion: 95 Resp: 5642
Ion Ratio Lower Upper
95 100
97 68.2 47.7 88.7
132 72.5 63.6 118.2
130 75.2 65.1 120.9

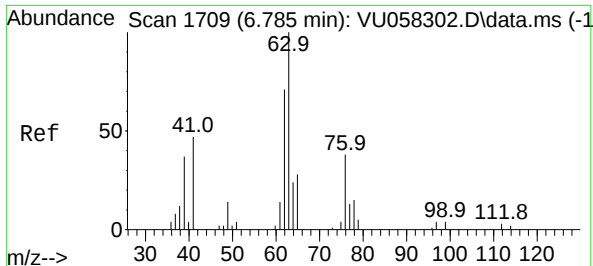


#35
Methylcyclohexane
Concen: 1.107 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058316.D
Acq: 01 Apr 2024 16:17



Tgt Ion: 83 Resp: 7208
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 7.5 37.3 55.9#

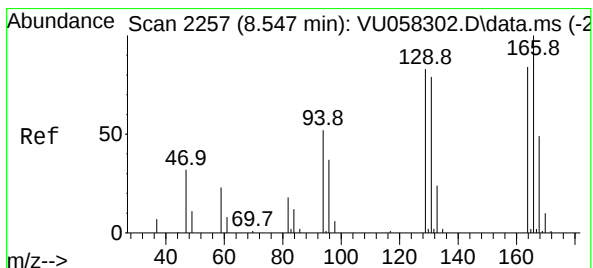
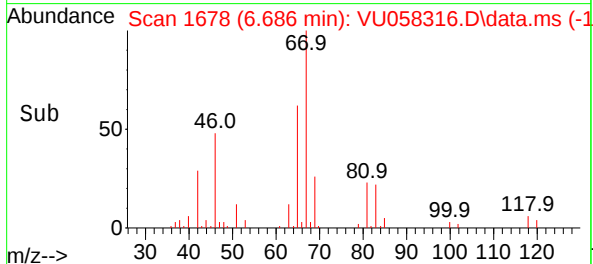
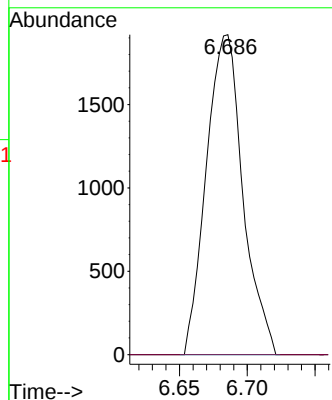
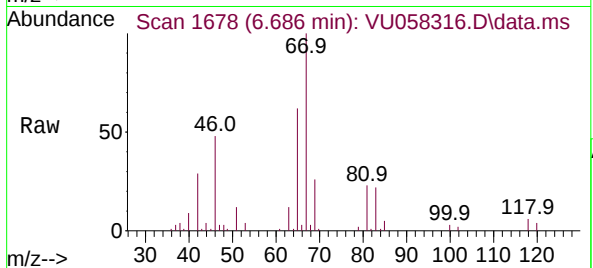




#37
1,2-Dichloropropane
Concen: 0.721 ug/L
RT: 6.686 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU058316.D
Acq: 01 Apr 2024 16:17

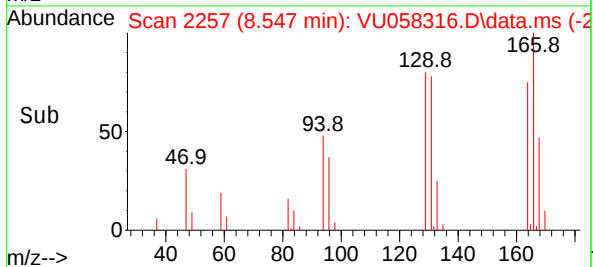
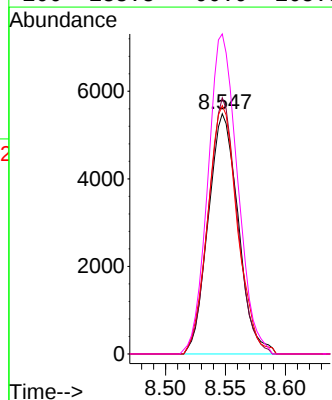
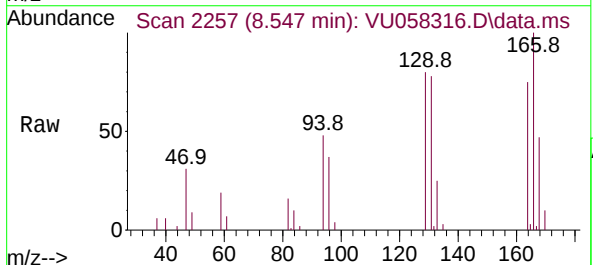
Instrument :
MSVOA_U
ClientSampleId :

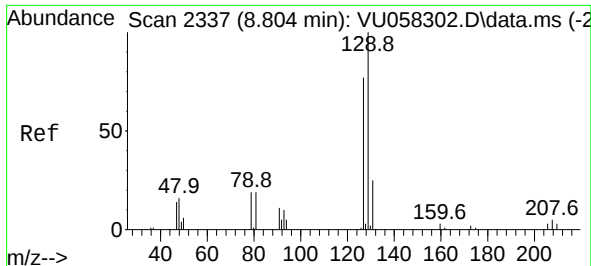
Tgt Ion: 63 Resp: 3608
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#47
Tetrachloroethene
Concen: 3.043 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058316.D
Acq: 01 Apr 2024 16:17

Tgt Ion:164 Resp: 9514
Ion Ratio Lower Upper
164 100
129 106.7 71.3 132.3
131 103.4 70.8 131.4
166 133.3 90.9 168.9





#49

Dibromochloromethane

Concen: 2.818 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min MSVOA_U

Lab File: VU058316.D

Acq: 01 Apr 2024 16:17

Instrument :

MSVOA_U

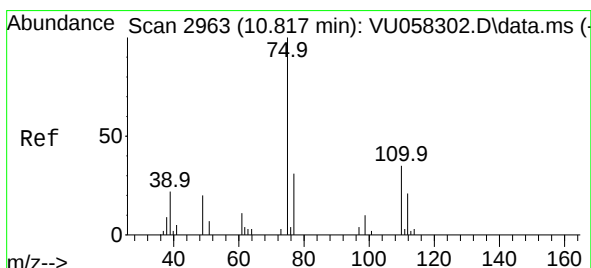
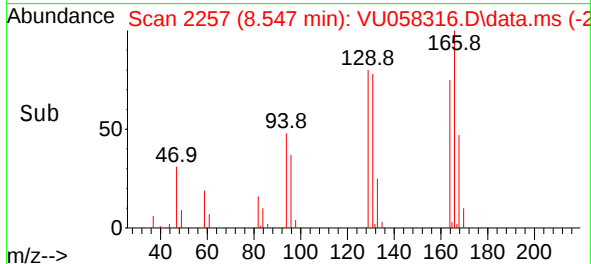
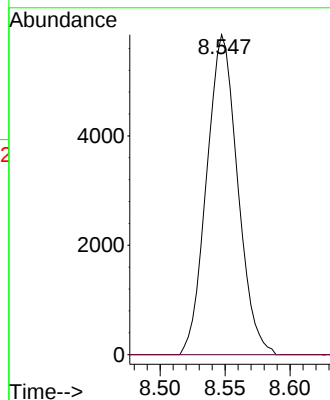
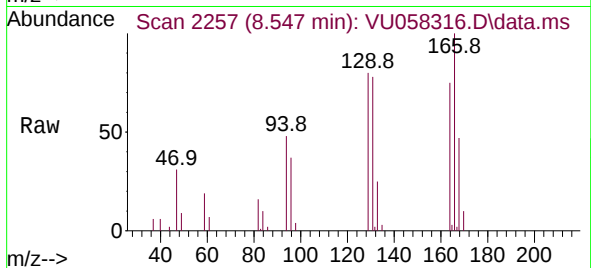
ClientSampleId :

Tgt Ion:129 Resp: 9720

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.602 ug/L

RT: 11.808 min Scan# 3271

Delta R.T. 0.991 min

Lab File: VU058316.D

Acq: 01 Apr 2024 16:17

Tgt Ion: 75 Resp: 4020

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 34.2 25.1 37.7

