

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041224\
 Data File : VU058647.D
 Acq On : 12 Apr 2024 12:28
 Operator : MD/SY
 Sample : P2013-22
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 13 00:04:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 23:43:07 2024
 Response via : Initial Calibration

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

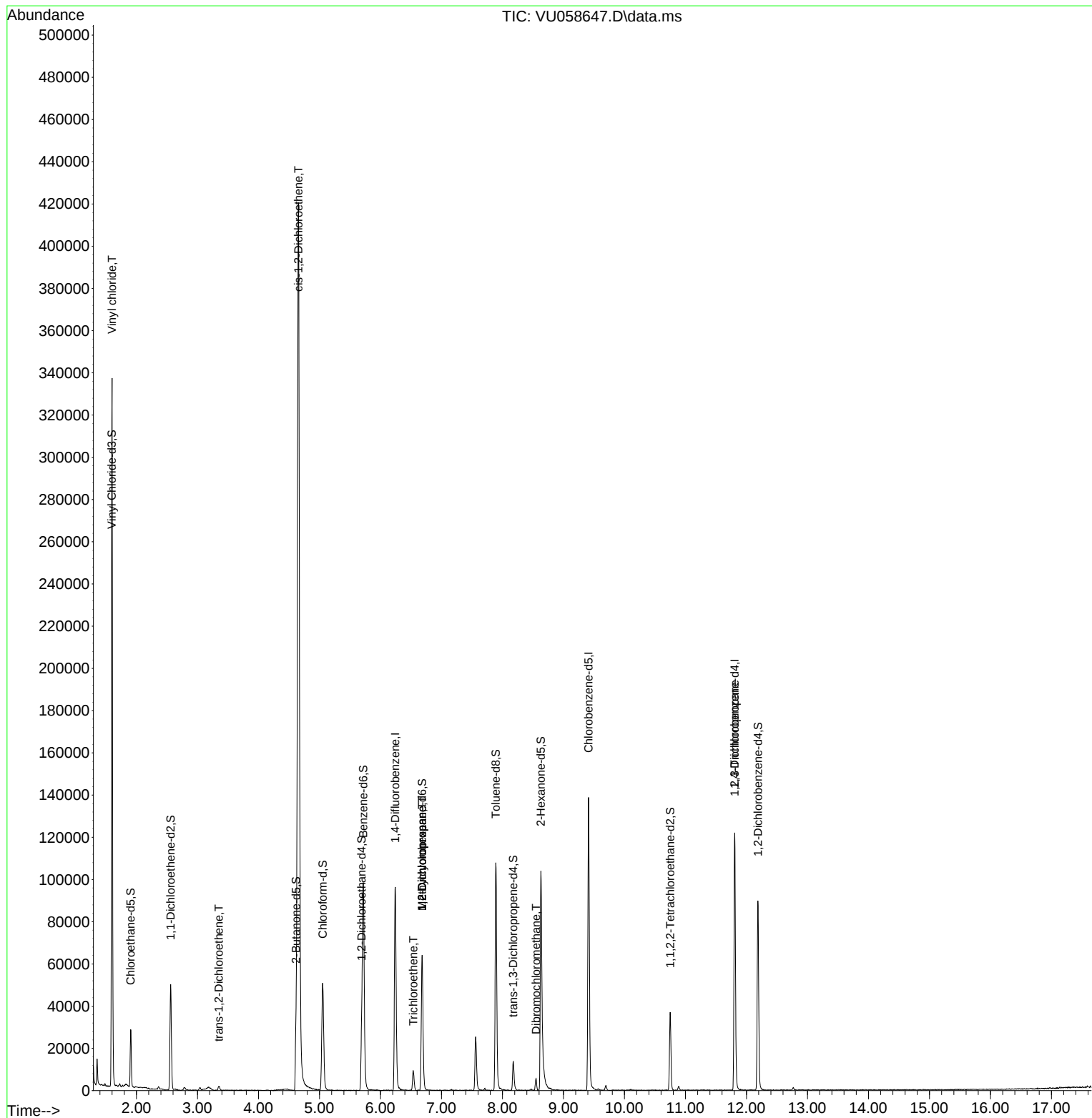
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	75595	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	73412	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	31091	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	20347	4.065	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.905	69	18617	4.280	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.560	65	9580	4.229	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	4.615	46	52309	49.595	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.180%
24) Chloroform-d	5.052	84	48266	4.831	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.692	65	22784	4.887	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.718	84	90918	4.600	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.682	67	30219	4.875	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.891	98	71989	4.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	8.178	79	8431	4.382	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.631	63	36067	45.449	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.900%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19322	4.416	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	23146	4.420	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	210775	27.368	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	660	0.118	ug/L	95
22) cis-1,2-Dichloroethene	4.654	96	206397	32.733	ug/L	95
34) Trichloroethene	6.538	95	3250	0.484	ug/L	95
35) Methylcyclohexane	6.682	83	6476	0.641	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	3338	0.477	ug/L #	90
49) Dibromochloromethane	8.551	129	1247	0.264	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	4478	1.412	ug/L #	71

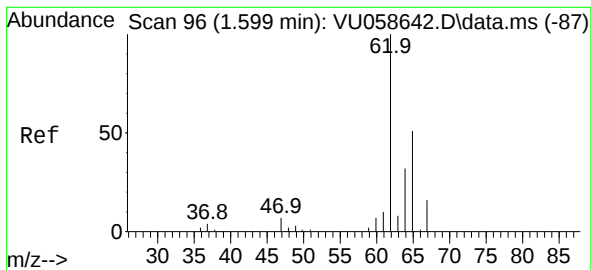
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 27.368 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU058647.D

Acq: 12 Apr 2024 12:28

Instrument :

MSVOA_U

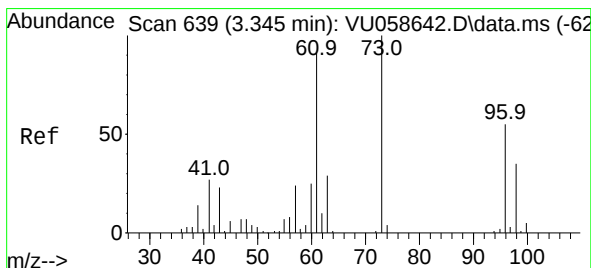
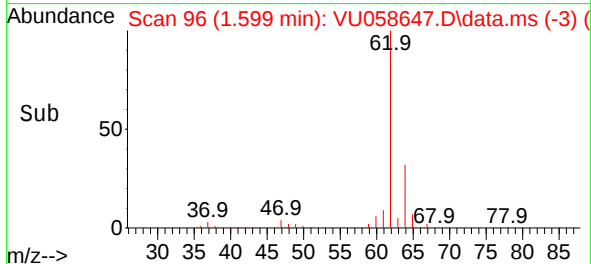
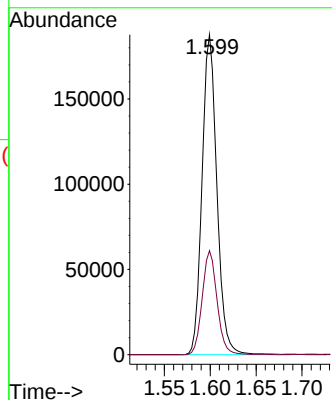
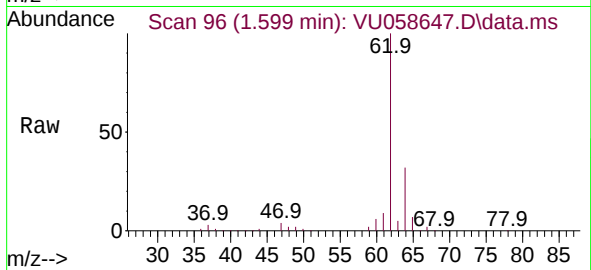
ClientSampleId :

Tgt Ion: 62 Resp: 210775

Ion Ratio Lower Upper

62 100

64 32.5 22.6 42.0



#18

trans-1,2-Dichloroethene

Concen: 0.118 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.007 min

Lab File: VU058647.D

Acq: 12 Apr 2024 12:28

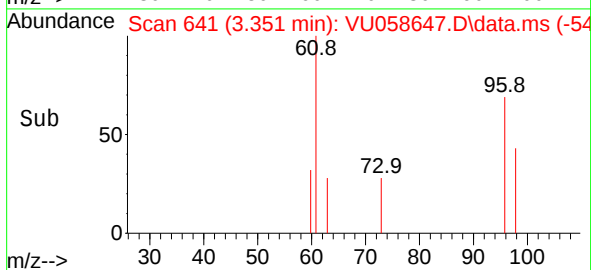
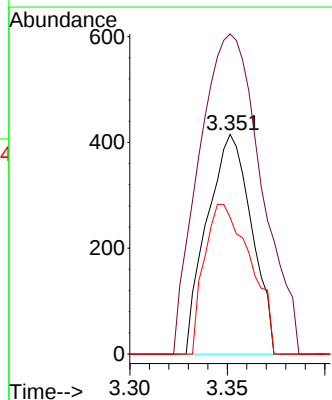
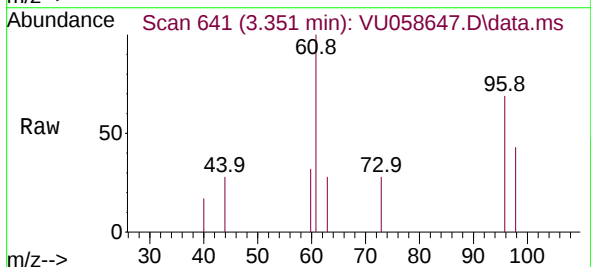
Tgt Ion: 96 Resp: 660

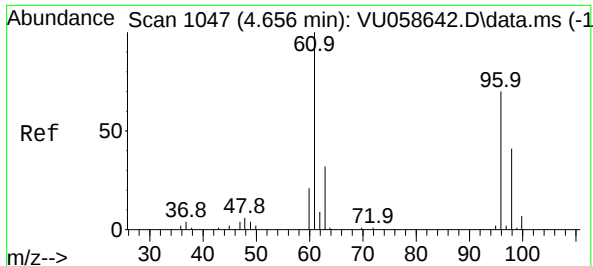
Ion Ratio Lower Upper

96 100

61 145.8 107.6 199.8

98 62.2 45.1 83.7

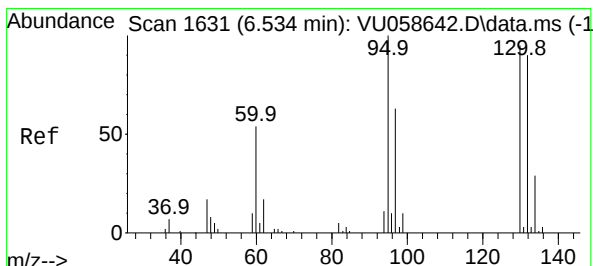
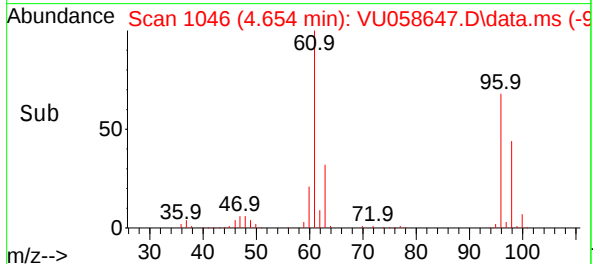
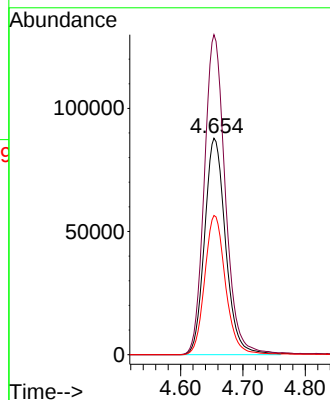
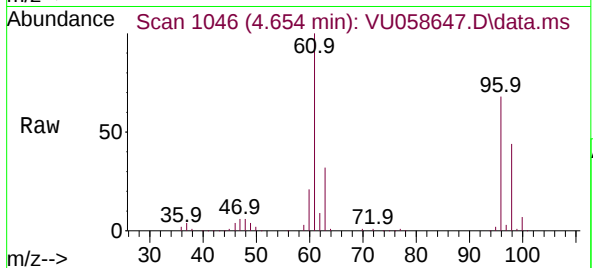




#22
cis-1,2-Dichloroethene
Concen: 32.733 ug/L
RT: 4.654 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU058647.D
Acq: 12 Apr 2024 12:28

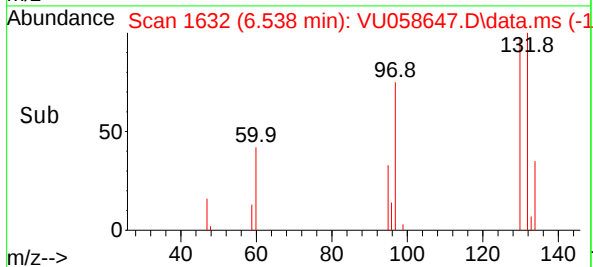
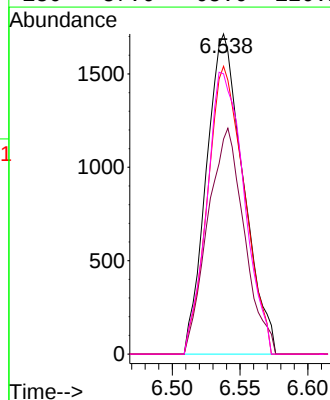
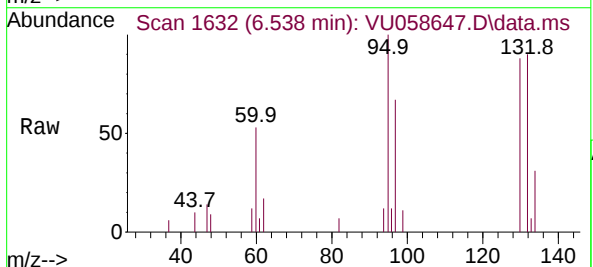
Instrument :
MSVOA_U
ClientSampleId :

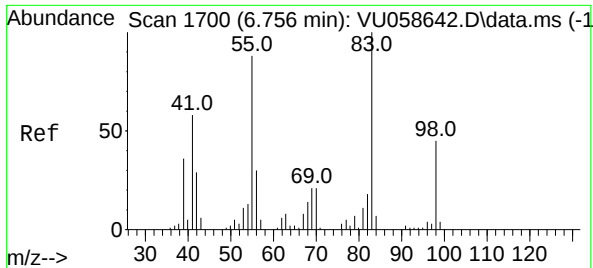
Tgt Ion: 96 Resp: 206397
Ion Ratio Lower Upper
96 100
61 147.8 98.1 182.3
98 64.3 43.6 81.0



#34
Trichloroethene
Concen: 0.484 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.004 min
Lab File: VU058647.D
Acq: 12 Apr 2024 12:28

Tgt Ion: 95 Resp: 3250
Ion Ratio Lower Upper
95 100
97 67.2 45.6 84.6
132 89.9 64.8 120.3
130 87.6 68.0 126.2





#35

Methylcyclohexane

Concen: 0.641 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058647.D

Acq: 12 Apr 2024 12:28

Instrument :

MSVOA_U

ClientSampleId :

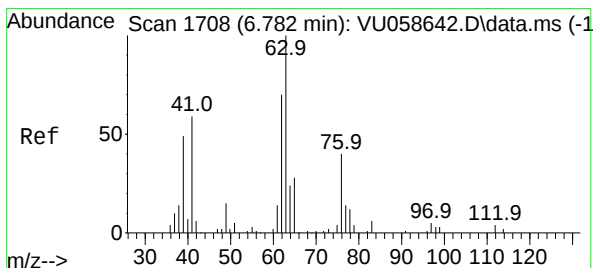
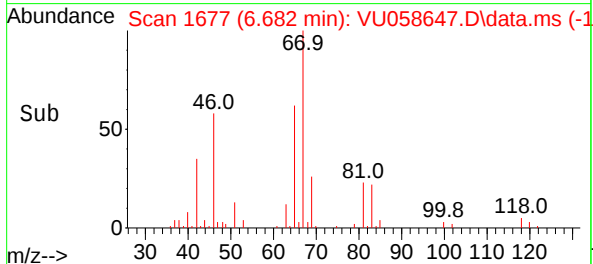
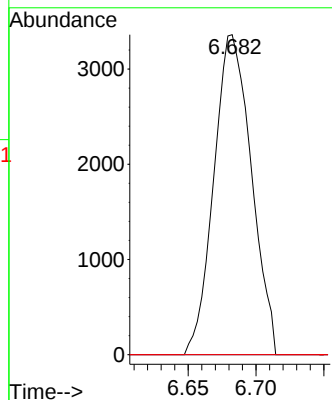
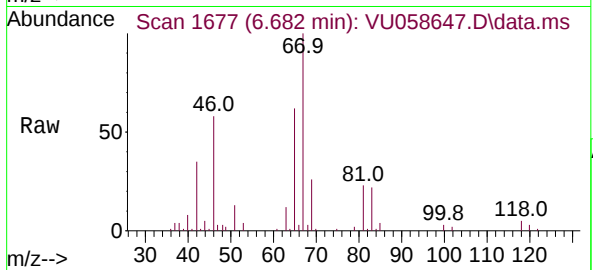
Tgt Ion: 83 Resp: 6476

Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 1.1 34.6 52.0#



#37

1,2-Dichloropropane

Concen: 0.477 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.099 min

Lab File: VU058647.D

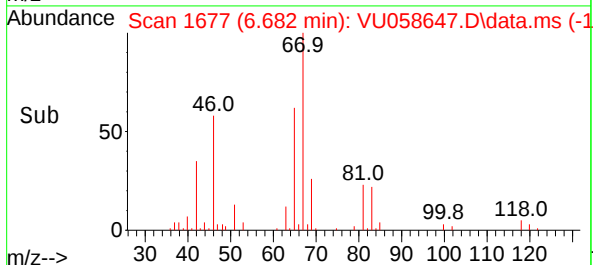
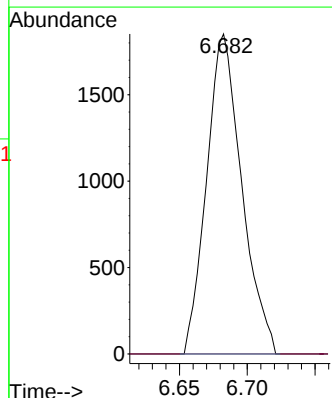
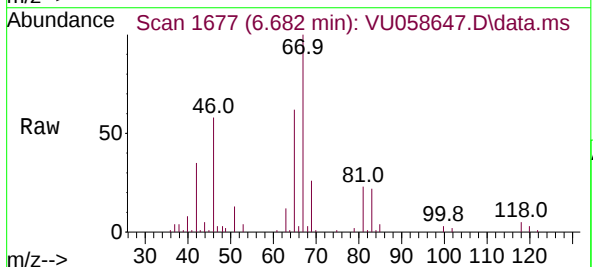
Acq: 12 Apr 2024 12:28

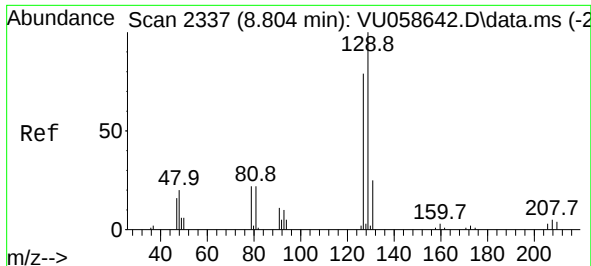
Tgt Ion: 63 Resp: 3338

Ion Ratio Lower Upper

63 100

112 0.0 2.6 4.0#





#49

Dibromochloromethane

Concen: 0.264 ug/L

RT: 8.551 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU058647.D

Acq: 12 Apr 2024 12:28

Instrument :

MSVOA_U

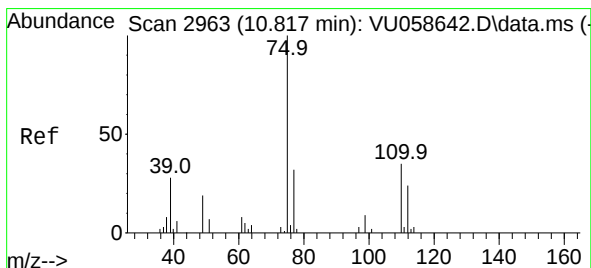
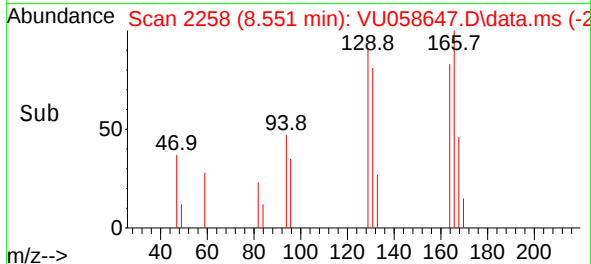
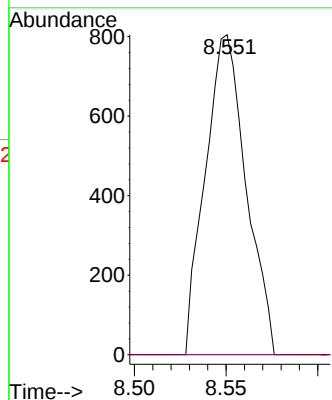
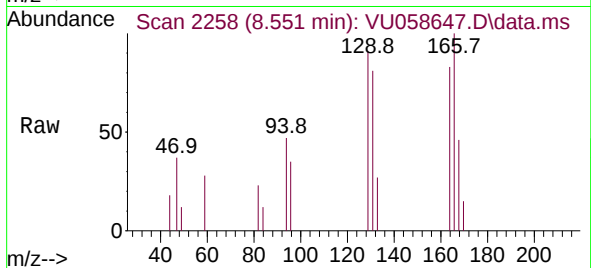
ClientSampleId :

Tgt Ion:129 Resp: 1247

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#61

1,2,3-Trichloropropane

Concen: 1.412 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.988 min

Lab File: VU058647.D

Acq: 12 Apr 2024 12:28

Tgt Ion: 75 Resp: 4478

Ion Ratio Lower Upper

75 100

110 0.4 25.8 38.6#

77 31.7 25.1 37.7

