

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012424\
 Data File : VU057623.D
 Acq On : 24 Jan 2024 16:55
 Operator : MD/SY
 Sample : P1228-08DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 25 01:55:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 01:52:13 2024
 Response via : Initial Calibration

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

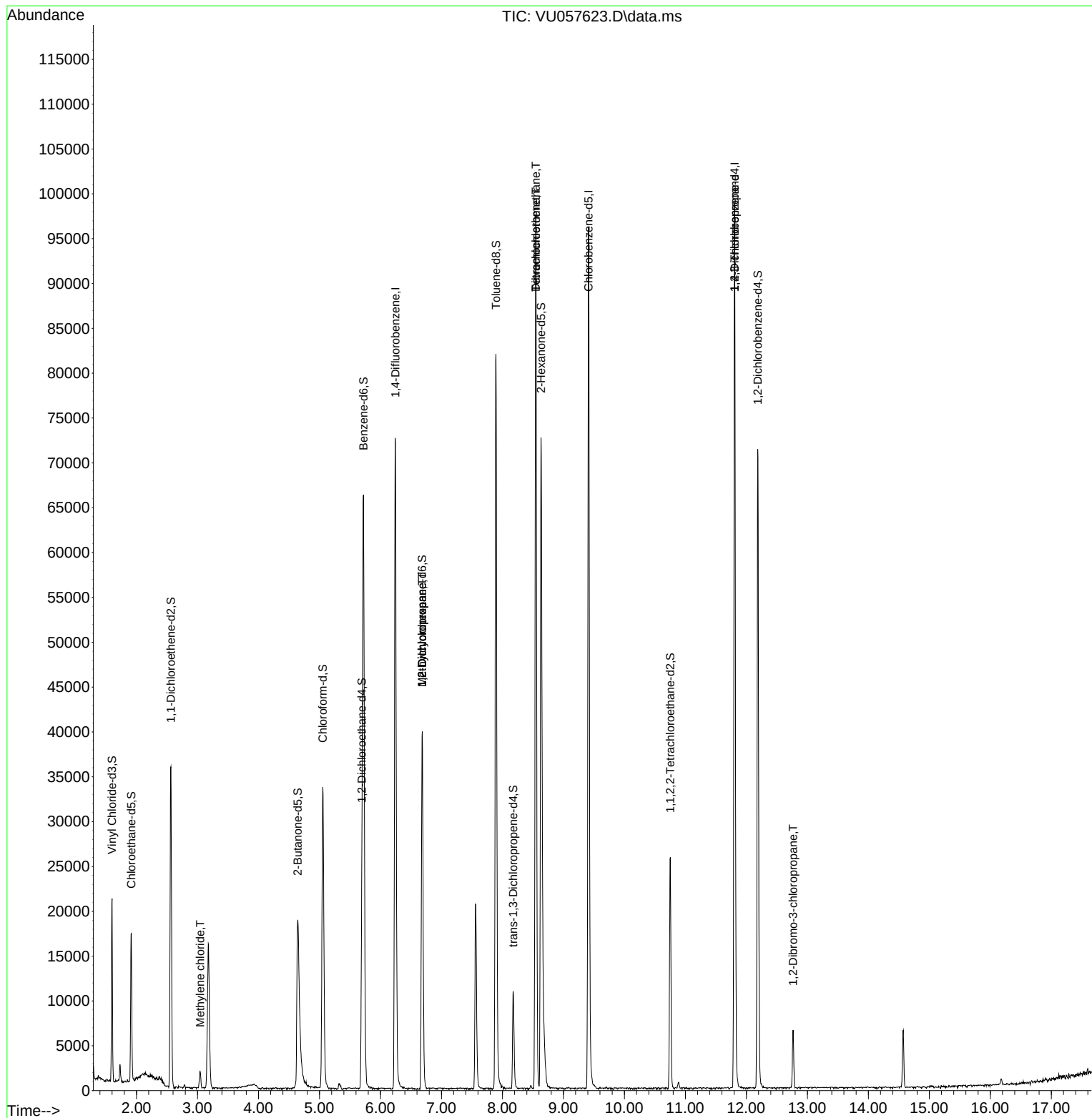
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	60847	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	54066	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	26105	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	14511	4.328	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.914	69	12516	4.456	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.563	65	6986	4.432	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	4.644	46	33845	53.515	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.020%
24) Chloroform-d	5.055	84	31601	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.695	65	15783	5.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.721	84	62025	4.891	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.685	67	19222	5.025	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.894	98	57388	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	8.177	79	6982	4.580	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.634	63	25402	52.223	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.440%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	13230	5.160	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	18718	5.109	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
16) Methylene chloride	3.042	84	944	0.199	ug/L	93
35) Methylcyclohexane	6.685	83	4538	0.549	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	2114	0.456	ug/L #	89
47) Tetrachloroethene	8.547	164	20541	5.468	ug/L	97
49) Dibromochloromethane	8.547	129	20697	5.297	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	3294	1.257	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.765	75	127	0.257	ug/L #	5

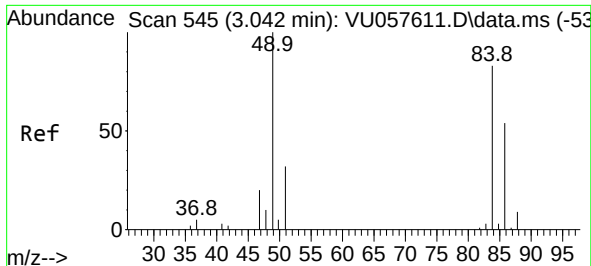
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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MSVOA_U
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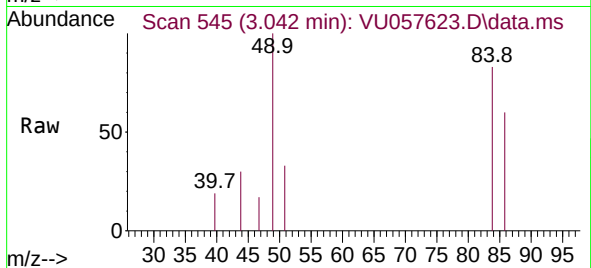
Quant Time: Jan 25 01:55:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 25 01:52:13 2024
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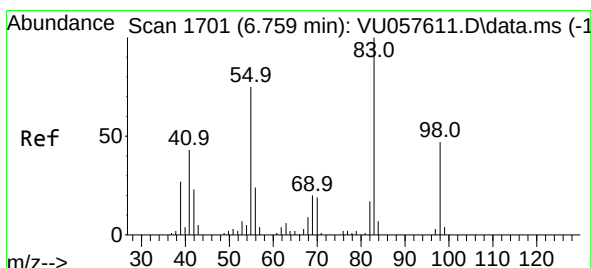
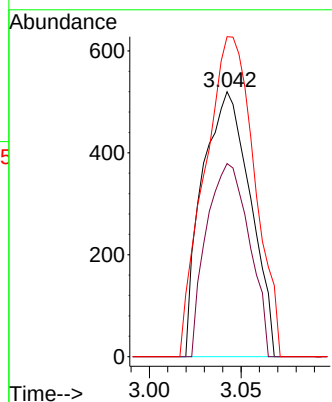
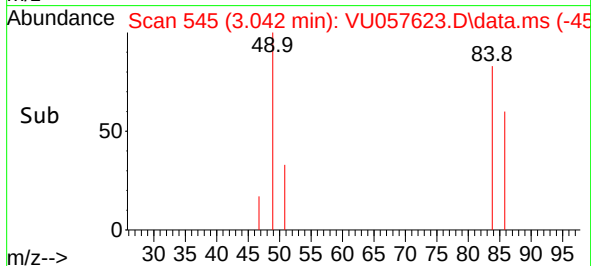


#16
Methylene chloride
Concen: 0.199 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU057623.D
Acq: 24 Jan 2024 16:55

Instrument :
MSVOA_U
ClientSampleId :

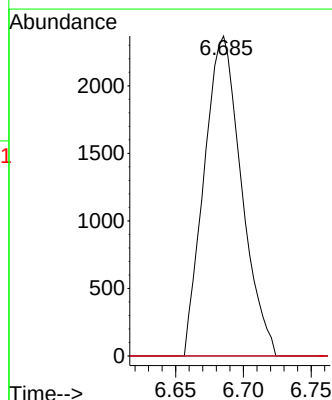
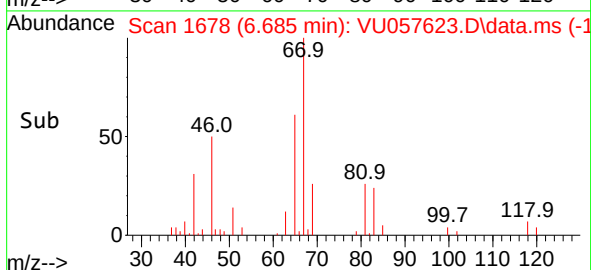
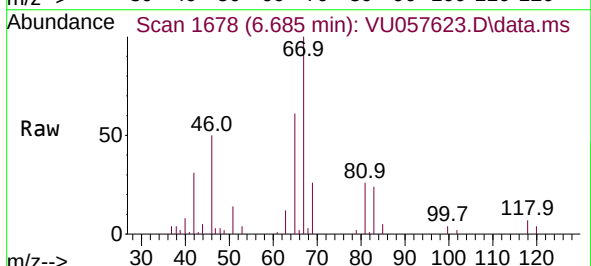


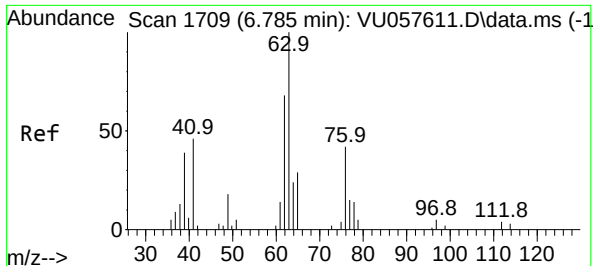
Tgt Ion: 84 Resp: 944
Ion Ratio Lower Upper
84 100
86 72.9 43.5 80.9
49 120.8 82.5 153.1



#35
Methylcyclohexane
Concen: 0.549 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057623.D
Acq: 24 Jan 2024 16:55

Tgt Ion: 83 Resp: 4538
Ion Ratio Lower Upper
83 100
55 0.0 61.4 92.0#
98 0.0 38.2 57.4#





#37

1,2-Dichloropropane

Concen: 0.456 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU057623.D

Acq: 24 Jan 2024 16:55

Instrument :

MSVOA_U

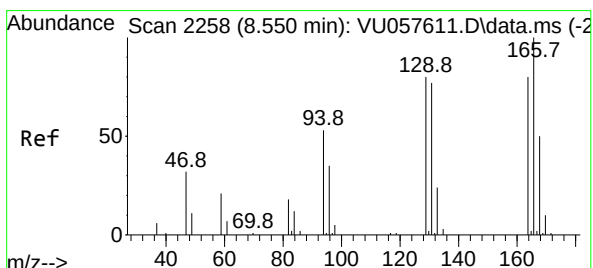
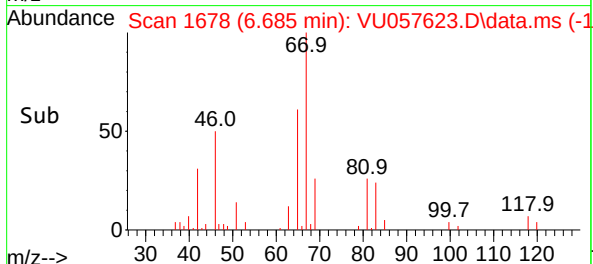
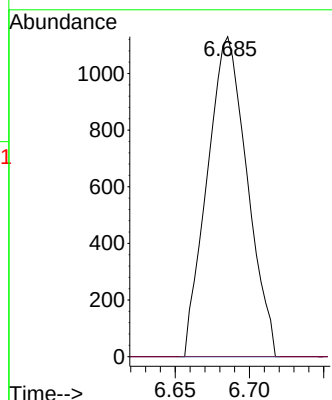
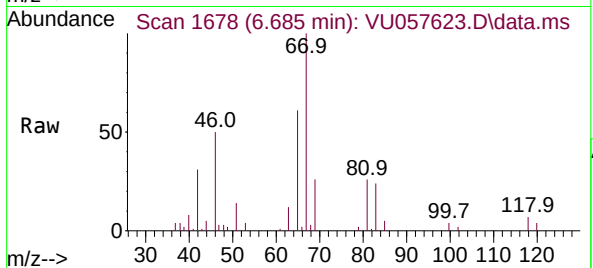
ClientSampleId :

Tgt Ion: 63 Resp: 2114

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#47

Tetrachloroethene

Concen: 5.468 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU057623.D

Acq: 24 Jan 2024 16:55

Tgt Ion: 164 Resp: 20541

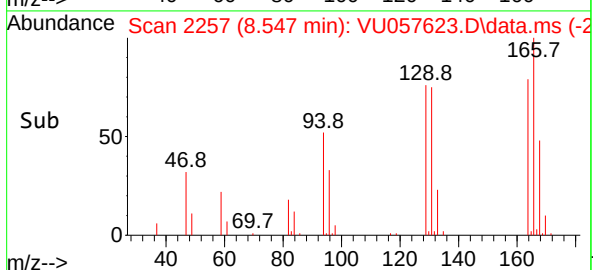
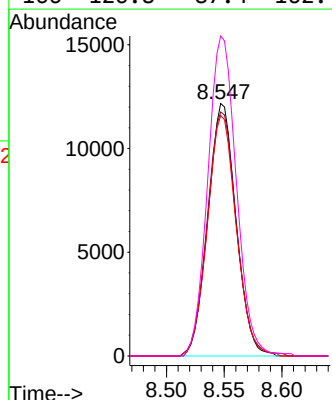
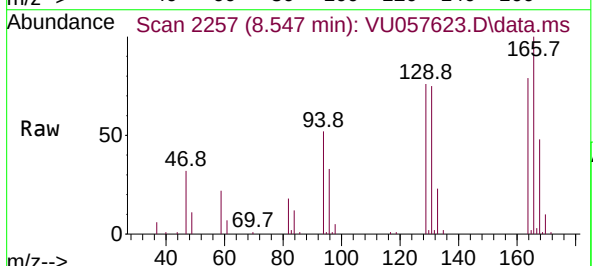
Ion Ratio Lower Upper

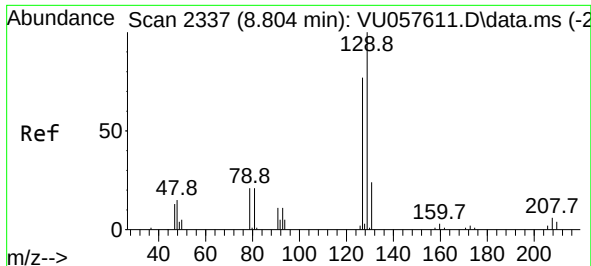
164 100

129 96.7 71.3 132.5

131 95.3 68.1 126.5

166 126.8 87.4 162.4





#49

Dibromochloromethane

Concen: 5.297 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU057623.D

Acq: 24 Jan 2024 16:55

Instrument :

MSVOA_U

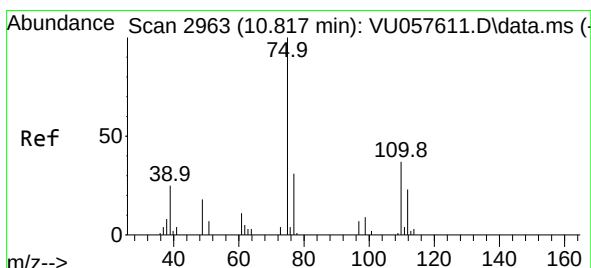
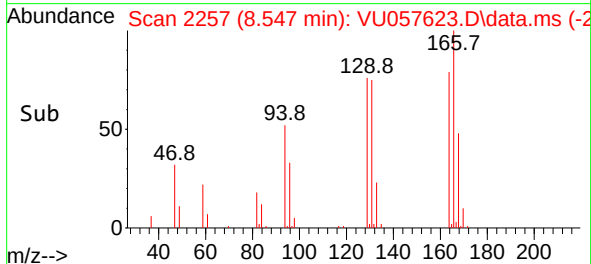
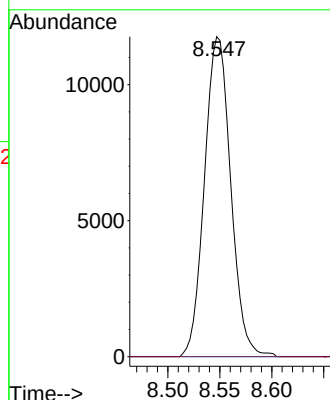
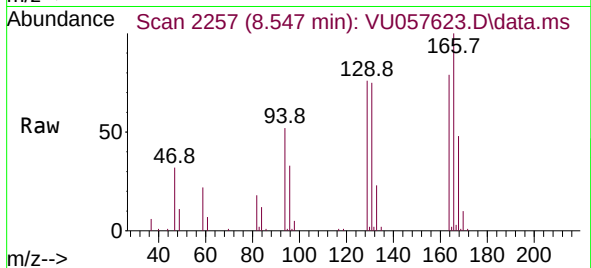
ClientSampleId :

Tgt Ion:129 Resp: 20697

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.257 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU057623.D

Acq: 24 Jan 2024 16:55

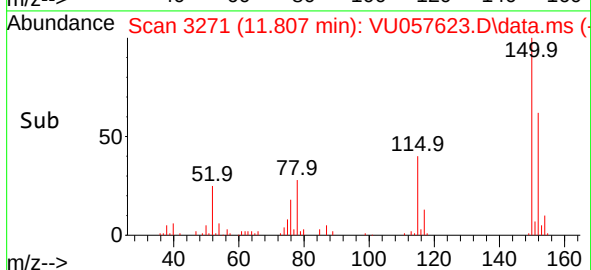
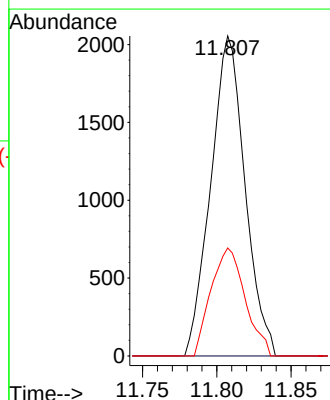
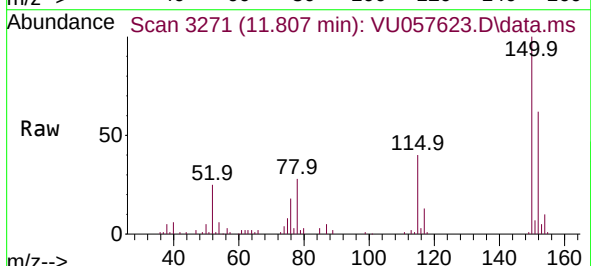
Tgt Ion: 75 Resp: 3294

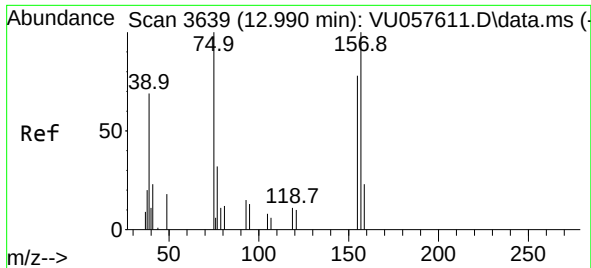
Ion Ratio Lower Upper

75 100

110 0.0 30.1 45.1#

77 33.7 25.5 38.3





#68

1,2-Dibromo-3-chloropropane

Concen: 0.257 ug/L

RT: 12.765 min Scan# 31

Delta R.T. -0.225 min

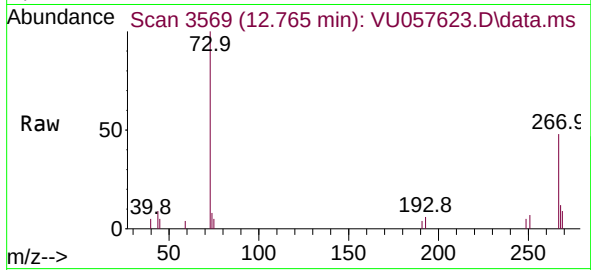
Lab File: VU057623.D

Acq: 24 Jan 2024 16:55

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 127

Ion Ratio Lower Upper

75 100

155 0.0 62.8 94.2#

157 0.0 78.9 118.3#

