

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041524\
 Data File : VU058681.D
 Acq On : 15 Apr 2024 11:47
 Operator : MD/SY
 Sample : P2035-01DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 00:39:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 16 00:38:11 2024
 Response via : Initial Calibration

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

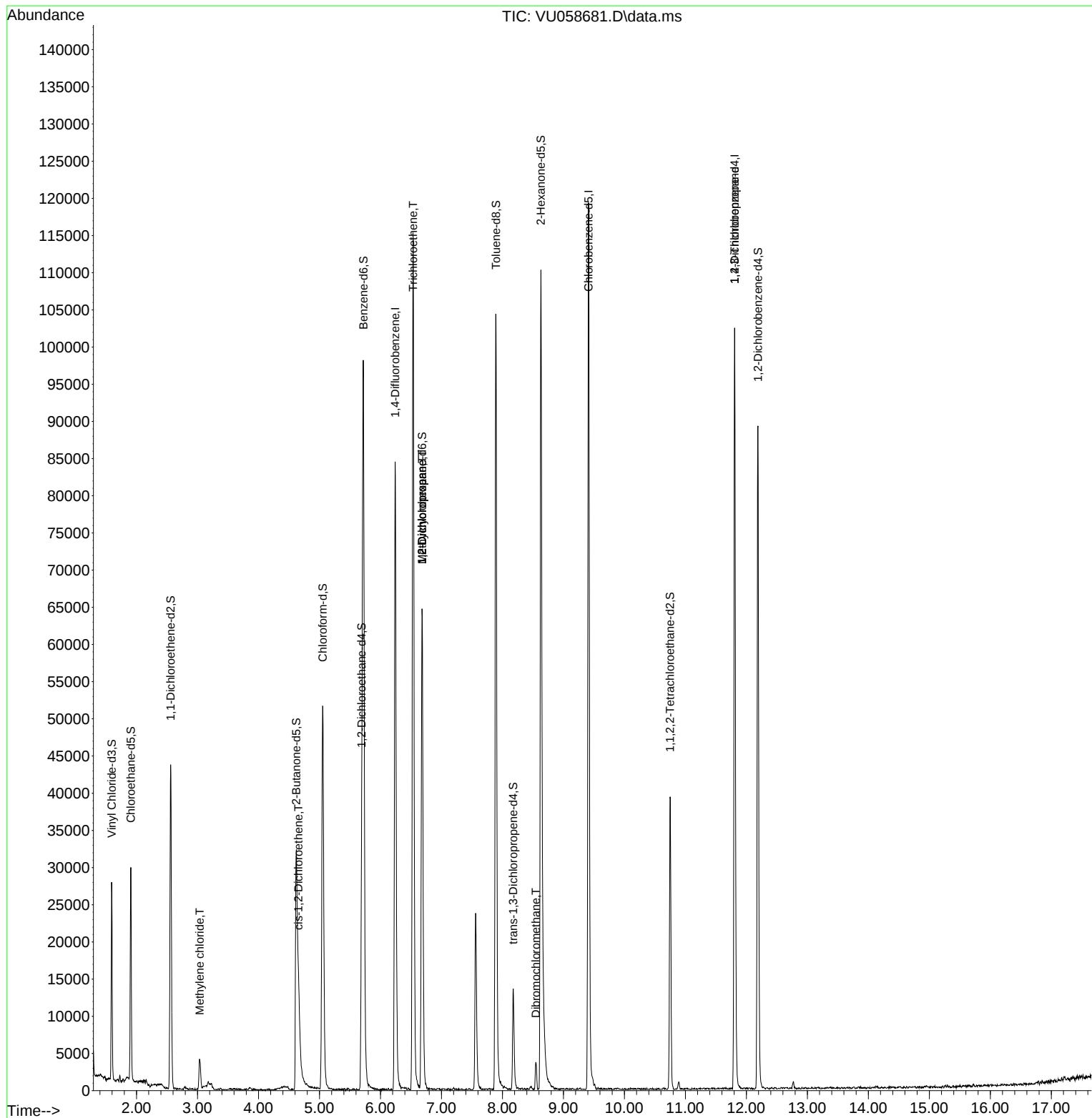
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	64862	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	63460	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	26812	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	18080	4.210	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.907	69	19763	5.296	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.000%
11) 1,1-Dichloroethene-d2	2.560	65	8727	4.490	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.800%
20) 2-Butanone-d5	4.621	46	58714	64.879	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.760%
24) Chloroform-d	5.052	84	47432	5.533	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.600%
26) 1,2-Dichloroethane-d4	5.692	65	24455	6.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.200%
32) Benzene-d6	5.721	84	90146	5.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
36) 1,2-Dichloropropane-d6	6.682	67	30700	5.730	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.600%
41) Toluene-d8	7.894	98	72385	4.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	8.177	79	8476	5.096	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.000%
46) 2-Hexanone-d5	8.631	63	38542	56.185	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.360%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20612	5.449	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	22992	5.091	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.036	84	1730	0.284	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	3421	0.632	ug/L	92
34) Trichloroethene	6.534	95	39253	6.769	ug/L	98
35) Methylcyclohexane	6.682	83	6710	0.768	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3451	0.570	ug/L #	90
49) Dibromochloromethane	8.547	129	738	0.181	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	3848	1.407	ug/L #	71

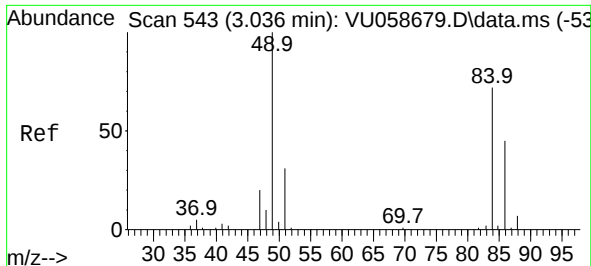
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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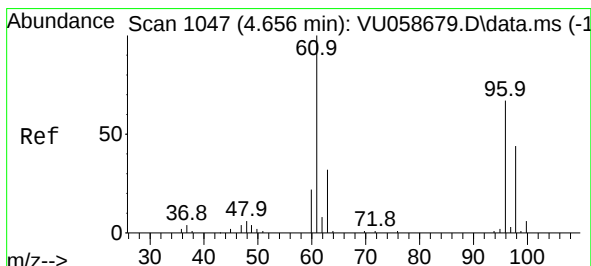
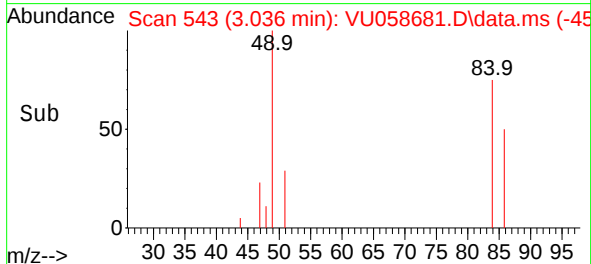
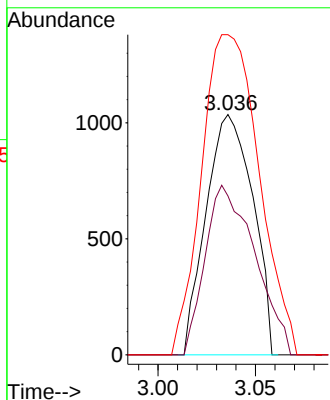
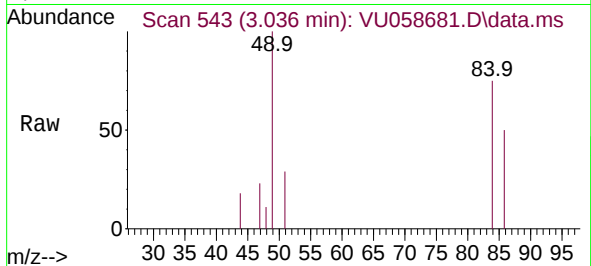




#16
Methylene chloride
Concen: 0.284 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU058681.D
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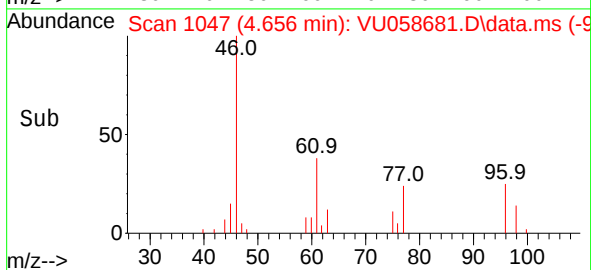
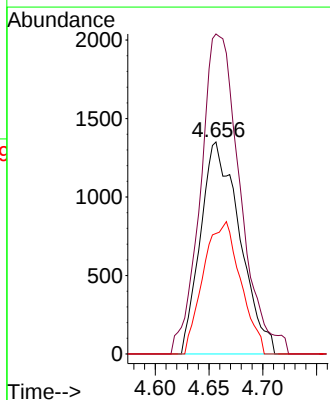
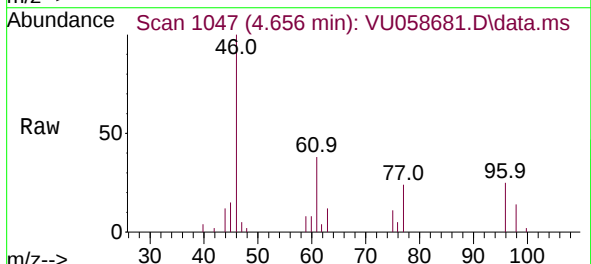
Instrument :
MSVOA_U
ClientSampleId :

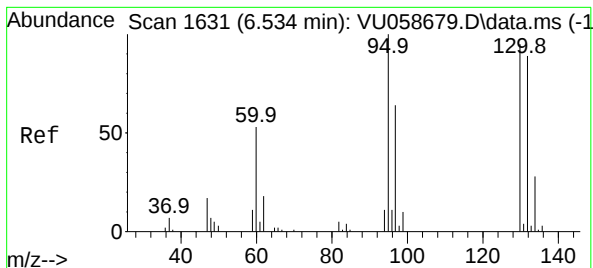
Tgt Ion: 84 Resp: 1730
Ion Ratio Lower Upper
84 100
86 66.1 44.3 82.3
49 133.2 96.0 178.2



#22
cis-1,2-Dichloroethene
Concen: 0.632 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU058681.D
Acq: 15 Apr 2024 11:47

Tgt Ion: 96 Resp: 3421
Ion Ratio Lower Upper
96 100
61 150.9 98.1 182.3
98 56.8 43.6 81.0





#34

Trichloroethene

Concen: 6.769 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

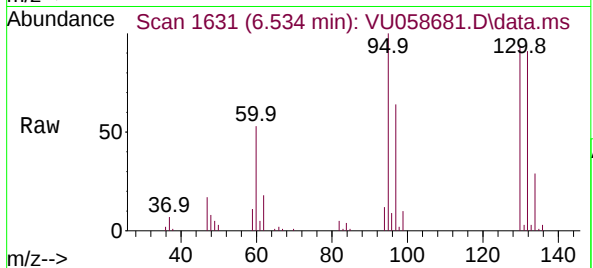
Lab File: VU058681.D

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Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 39253

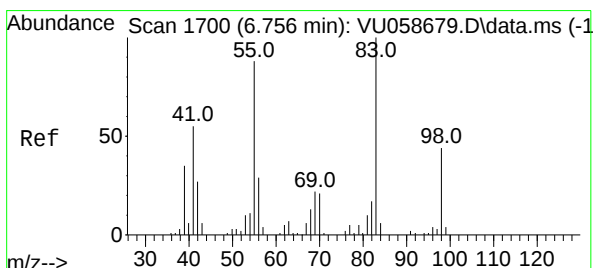
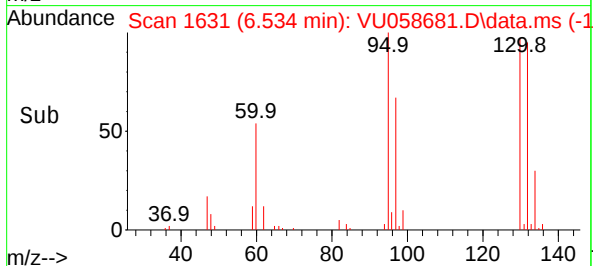
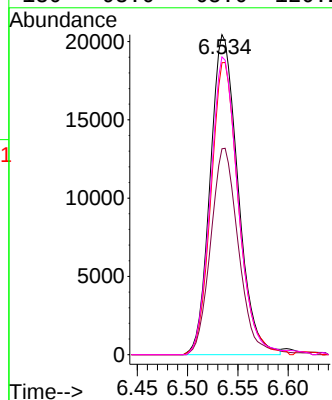
Ion Ratio Lower Upper

95 100

97 64.4 45.6 84.6

132 91.2 64.8 120.3

130 93.0 68.0 126.2



#35

Methylcyclohexane

Concen: 0.768 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058681.D

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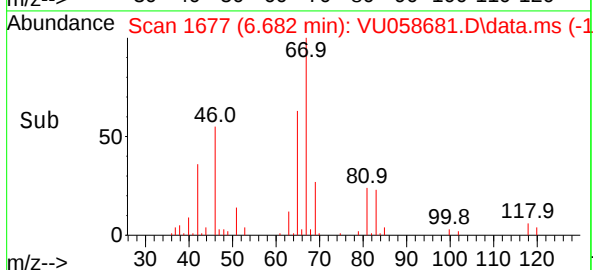
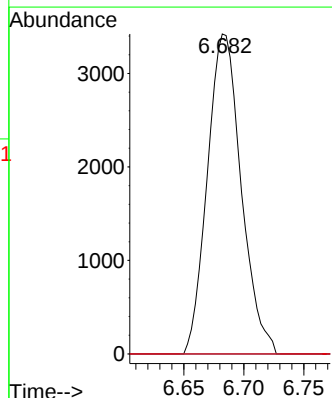
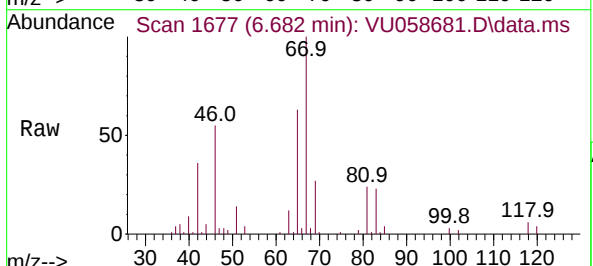
Tgt Ion: 83 Resp: 6710

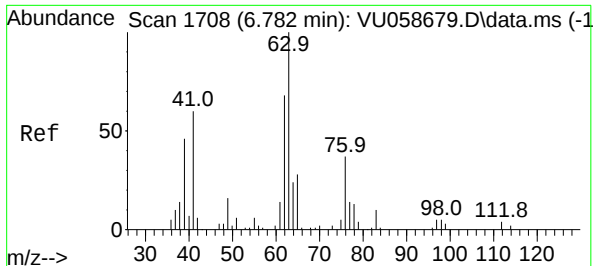
Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 0.0 34.6 52.0#

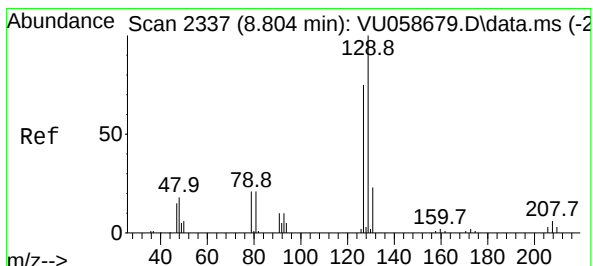
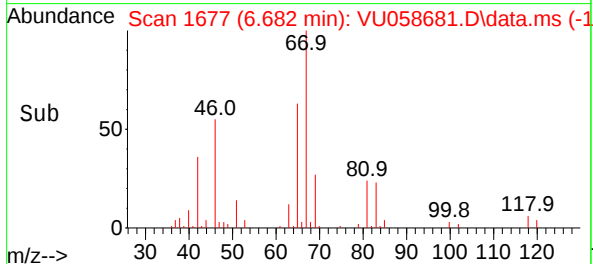
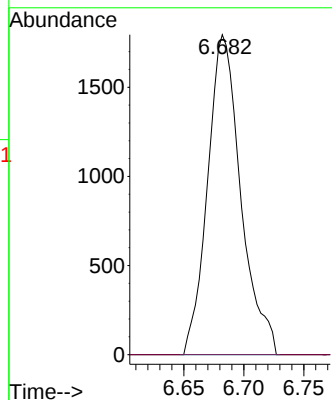
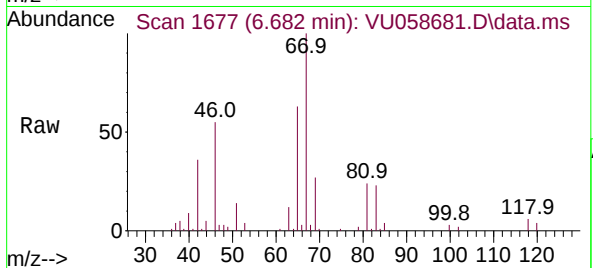




#37
1,2-Dichloropropane
Concen: 0.570 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058681.D
Acq: 15 Apr 2024 11:47

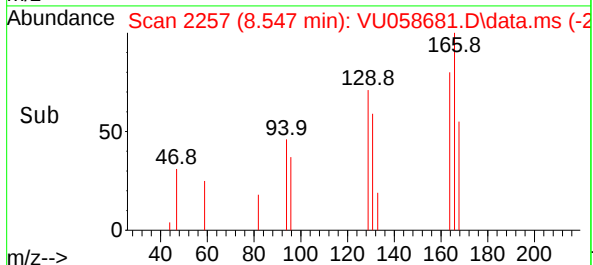
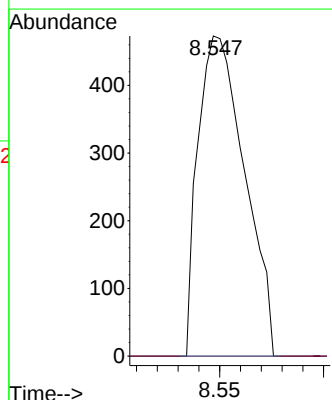
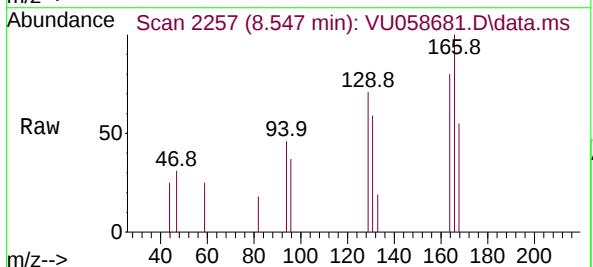
Instrument :
MSVOA_U
ClientSampleId :

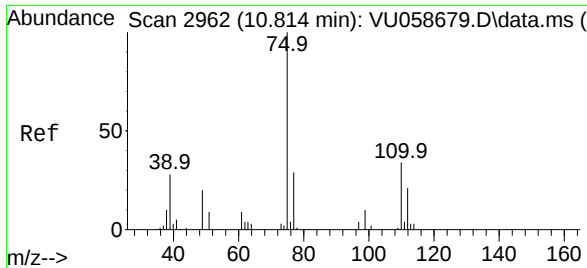
Tgt Ion: 63 Resp: 3451
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#49
Dibromochloromethane
Concen: 0.181 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU058681.D
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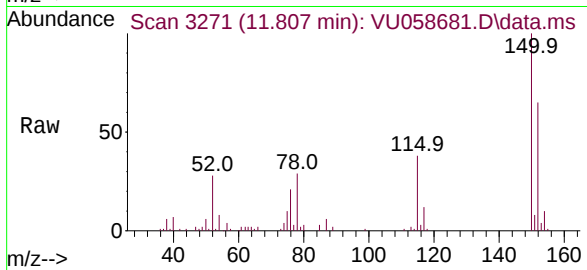
Tgt Ion: 129 Resp: 738
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.407 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU058681.D
 Acq: 15 Apr 2024 11:47

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3848
 Ion Ratio Lower Upper
 75 100
 110 0.0 25.8 38.6#
 77 31.5 25.1 37.7

