

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121923\
 Data File : VU057047.D
 Acq On : 19 Dec 2023 16:22
 Operator : MD/SY
 Sample : 05843-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 04:58:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 04:54:16 2023
 Response via : Initial Calibration

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

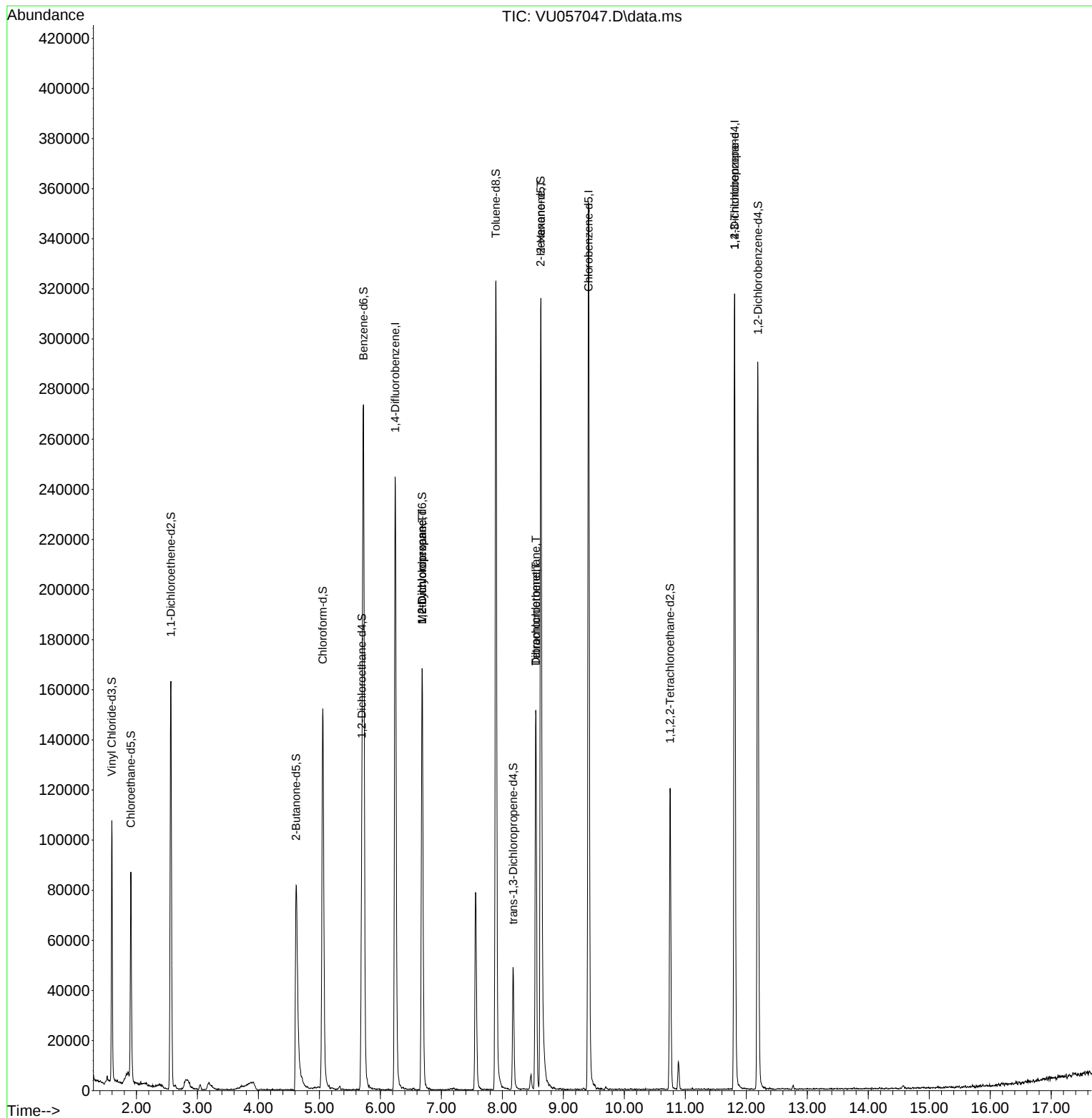
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	202778	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	204004	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	86507	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	74066	4.261	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.907	69	61043	4.693	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.563	65	30956	4.163	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.618	46	135043	39.342	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.680%
24) Chloroform-d	5.055	84	145483	4.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.695	65	71165	4.569	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.721	84	265136	4.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.682	67	81738	4.127	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.600%
41) Toluene-d8	7.891	98	222769	3.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	8.177	79	29607	3.855	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.627	63	106351	36.713	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.420%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	59611	4.160	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	75932	4.465	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						Qvalue
35) Methylcyclohexane	6.682	83	20801	0.717	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	9184	0.501	ug/L #	89
47) Tetrachloroethene	8.547	164	32904	2.391	ug/L	97
48) 2-Hexanone	8.631	43	13988	2.255	ug/L #	74
49) Dibromochloromethane	8.547	129	33289	2.336	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	9976	1.074	ug/L #	66

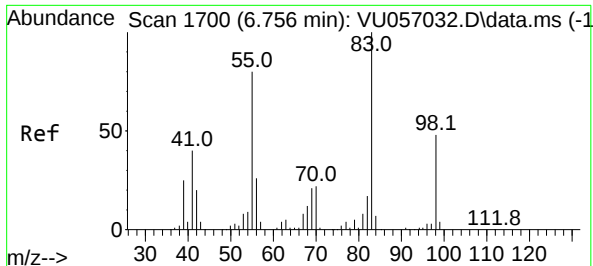
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.717 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU057047.D

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MSVOA_U

ClientSampleId :

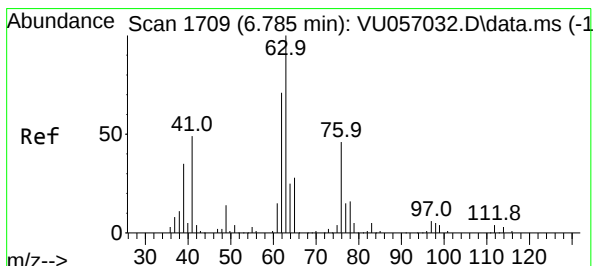
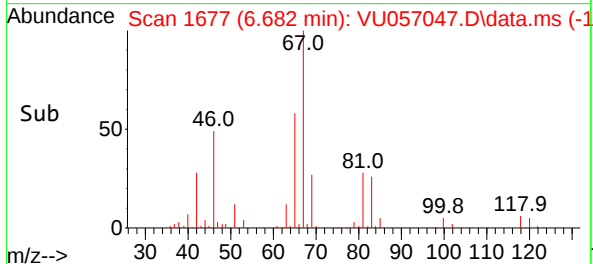
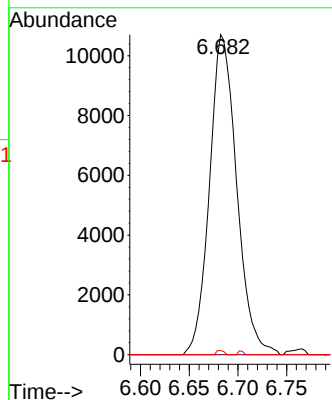
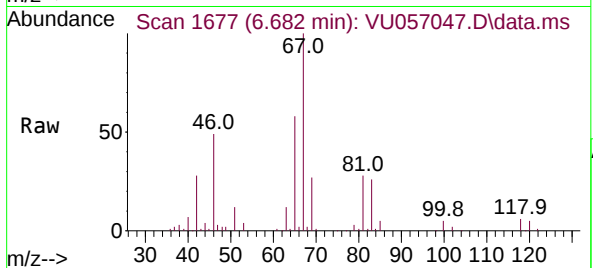
Tgt Ion: 83 Resp: 20801

Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 0.4 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.501 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU057047.D

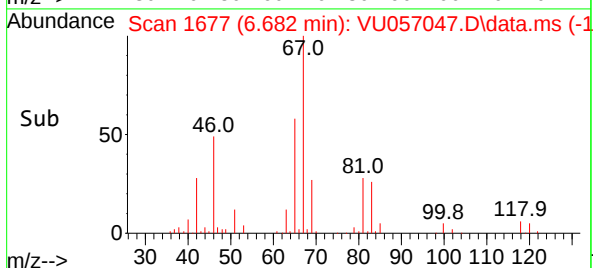
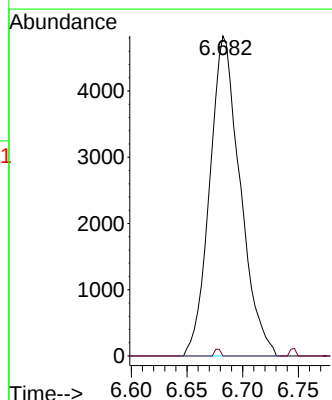
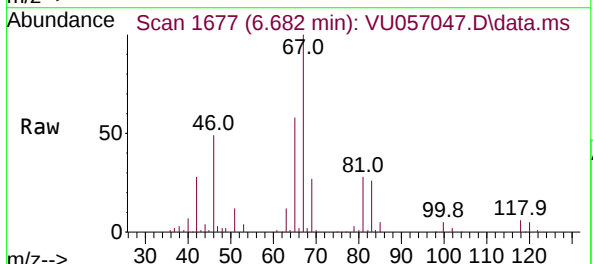
Acq: 19 Dec 2023 16:22

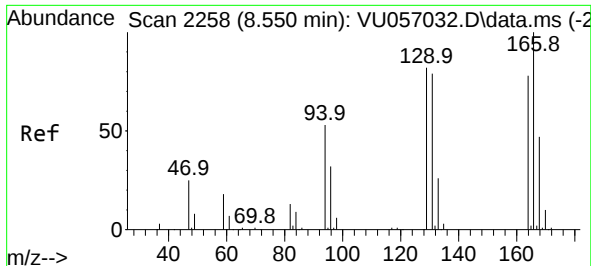
Tgt Ion: 63 Resp: 9184

Ion Ratio Lower Upper

63 100

112 0.4 3.3 4.9#





#47

Tetrachloroethene

Concen: 2.391 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.003 min

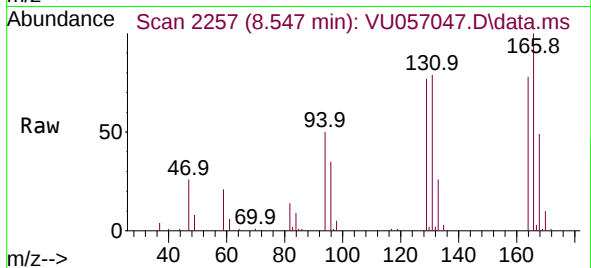
Lab File: VU057047.D

Acq: 19 Dec 2023 16:22

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 32904

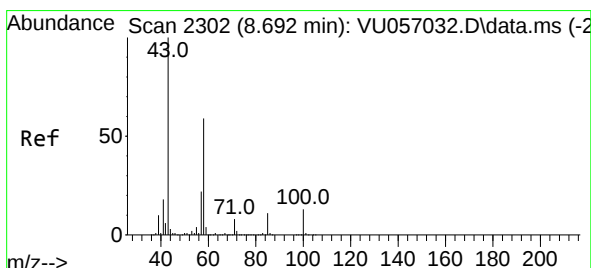
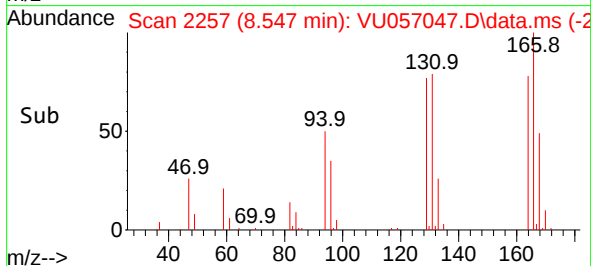
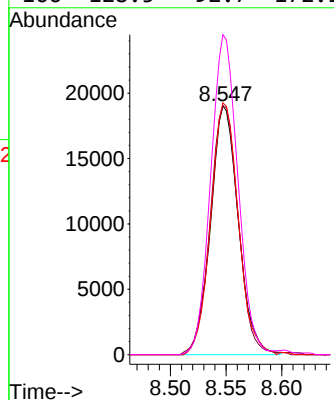
Ion Ratio Lower Upper

164 100

129 99.5 73.4 136.4

131 101.1 71.5 132.9

166 128.5 92.7 172.1



#48

2-Hexanone

Concen: 2.255 ug/L

RT: 8.631 min Scan# 2283

Delta R.T. -0.061 min

Lab File: VU057047.D

Acq: 19 Dec 2023 16:22

Tgt Ion: 43 Resp: 13988

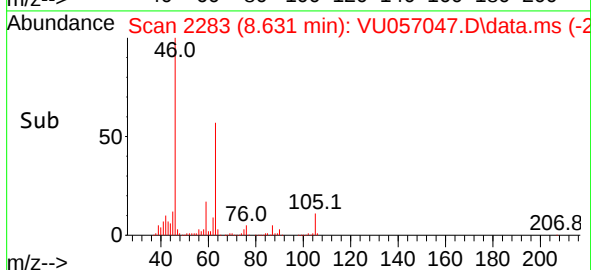
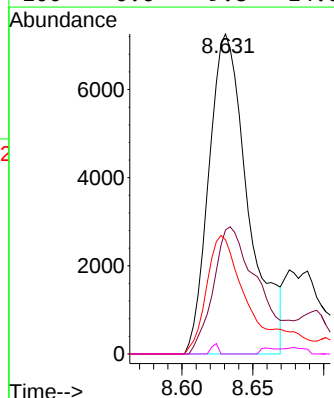
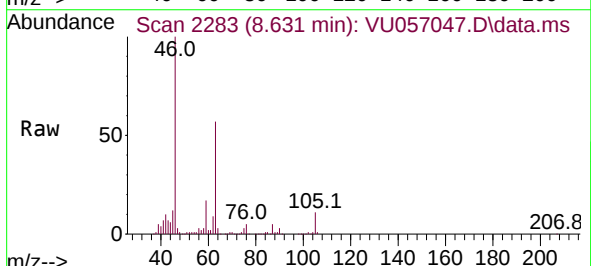
Ion Ratio Lower Upper

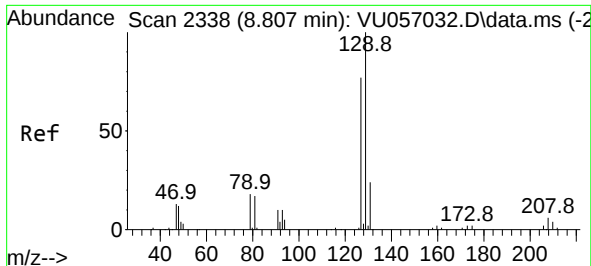
43 100

58 44.9 47.5 71.3#

57 41.1 17.0 25.4#

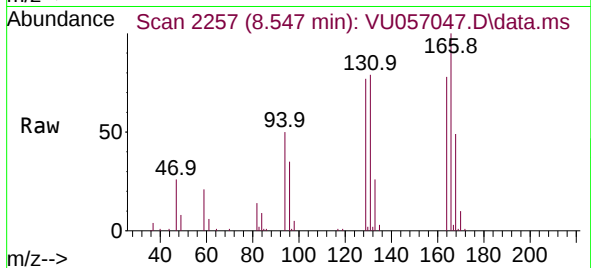
100 0.6 9.8 14.8#



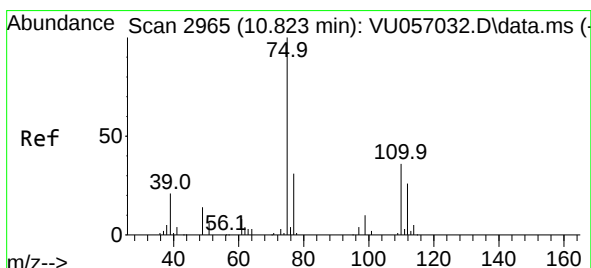
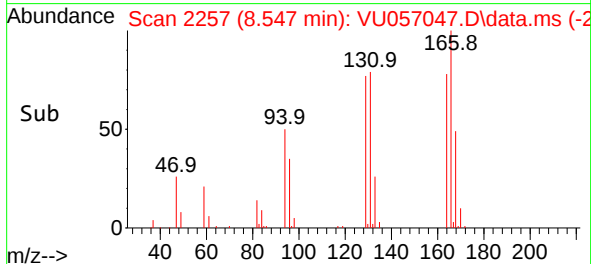
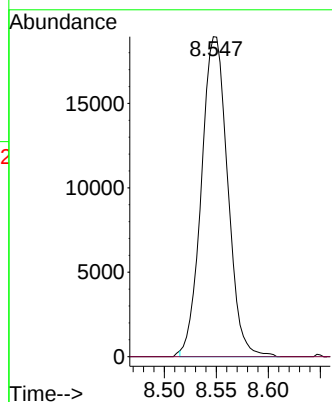


#49
Dibromochloromethane
Concen: 2.336 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.260 min
Lab File: VU057047.D
Acq: 19 Dec 2023 16:22

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 33289
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#



#61
1,2,3-Trichloropropane
Concen: 1.074 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.984 min
Lab File: VU057047.D
Acq: 19 Dec 2023 16:22

Tgt Ion: 75 Resp: 9976
Ion Ratio Lower Upper
75 100
110 2.8 28.4 42.6#
77 38.9 26.3 39.5

