

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040124\
 Data File : VU058305.D
 Acq On : 01 Apr 2024 11:58
 Operator : MD/SY
 Sample : P1929-03DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 02 02:25:55 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)

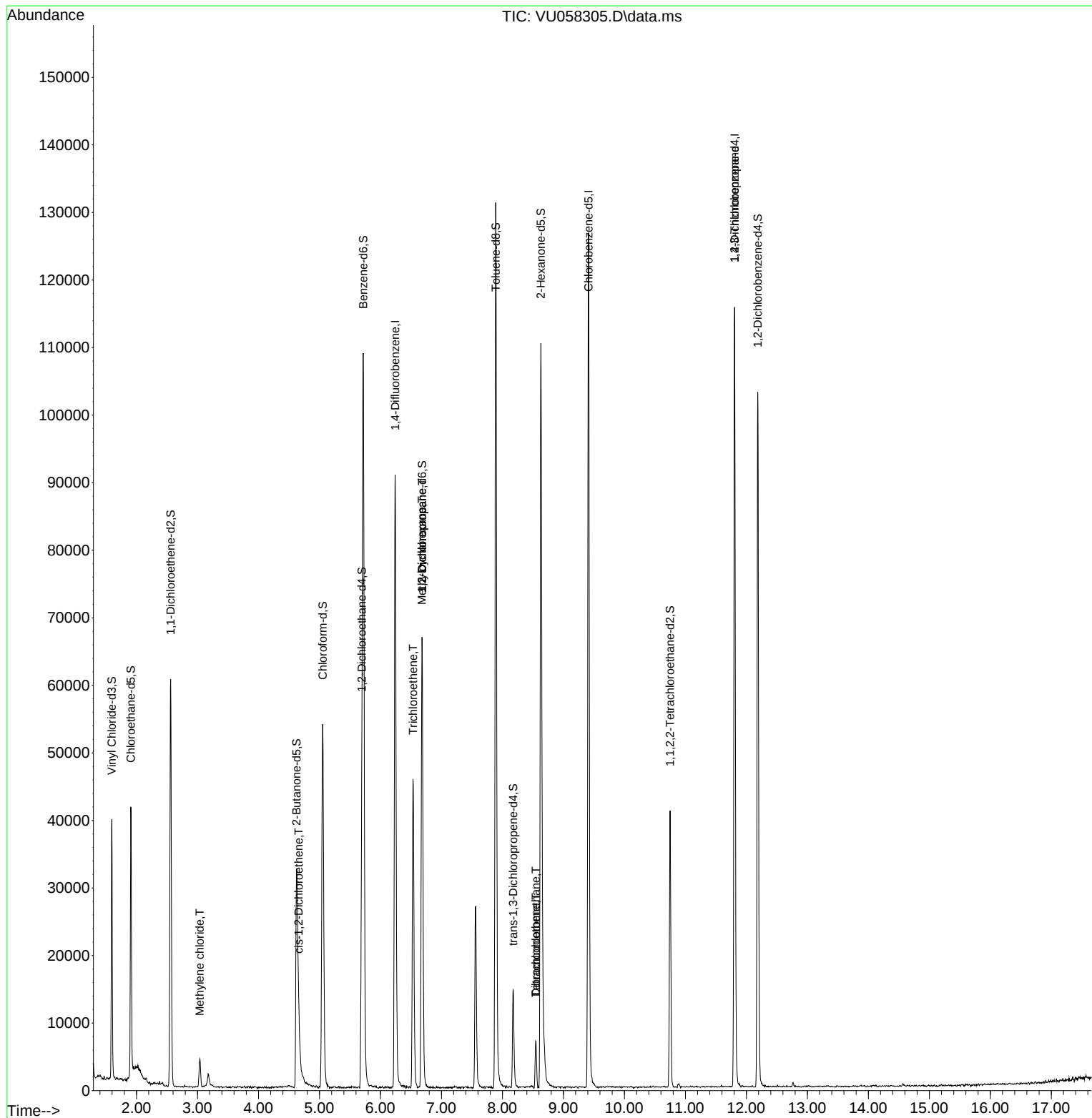
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	74312	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	71210	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30000	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27594	4.394	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.907	69	27417	5.349	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.000%
11) 1,1-Dichloroethene-d2	2.560	65	11669	4.476	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	4.624	46	55062	49.354	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.700%
24) Chloroform-d	5.052	84	51549	4.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.695	65	25358	4.831	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.717	84	105845	4.576	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.682	67	32130	4.713	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.891	98	88059	4.298	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.177	79	9248	4.234	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.631	63	39968	45.185	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.380%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20921	4.711	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	27429	4.910	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
16) Methylene chloride	3.036	84	2032	0.385	ug/L	87
22) cis-1,2-Dichloroethene	4.660	96	1583	0.329	ug/L	89
34) Trichloroethene	6.534	95	15799	3.242	ug/L	97
35) Methylcyclohexane	6.679	83	7115	1.047	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	3632	0.695	ug/L #	90
47) Tetrachloroethene	8.550	164	1642	0.503	ug/L	92
49) Dibromochloromethane	8.547	129	1413	0.392	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	4230	1.684	ug/L #	66

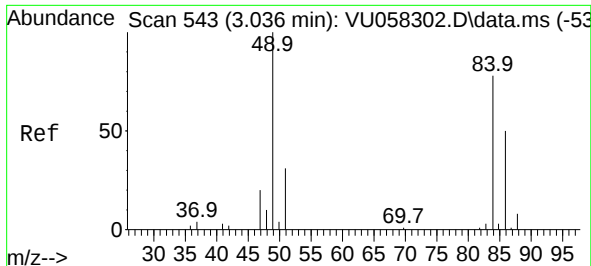
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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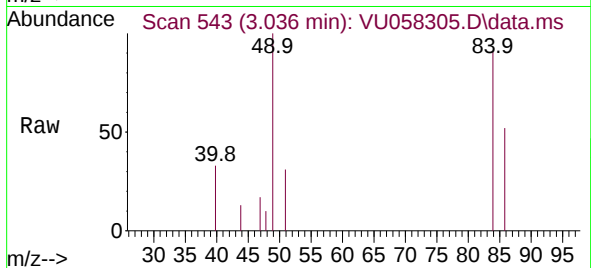
Quant Time: Apr 02 02:25:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 02 02:24:47 2024
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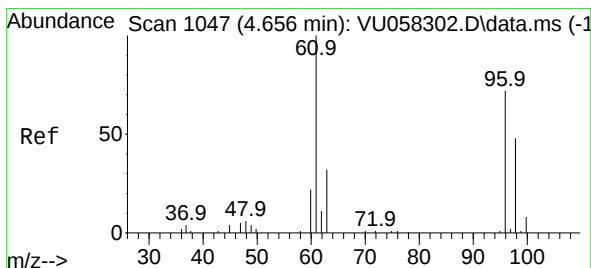
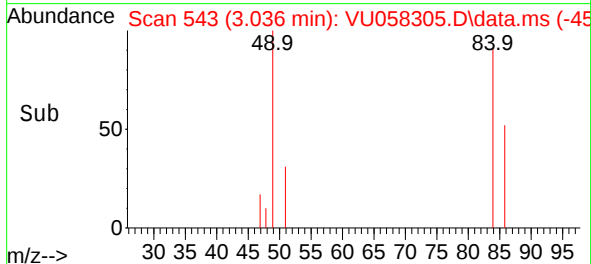
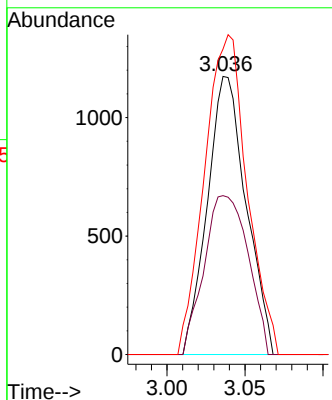
#16
Methylene chloride
Concen: 0.385 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU058305.D
Acq: 01 Apr 2024 11:58

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 2032

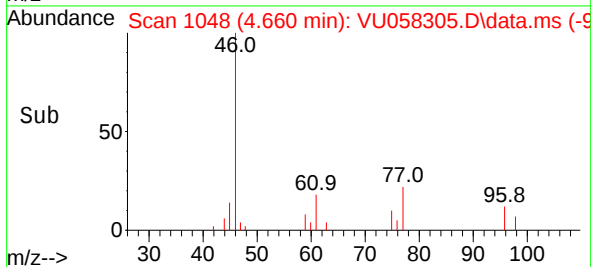
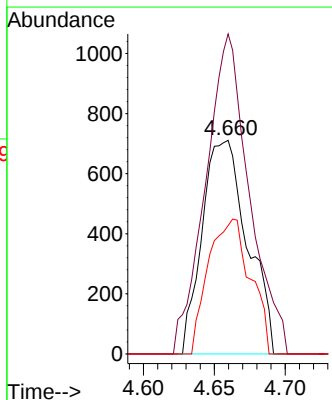
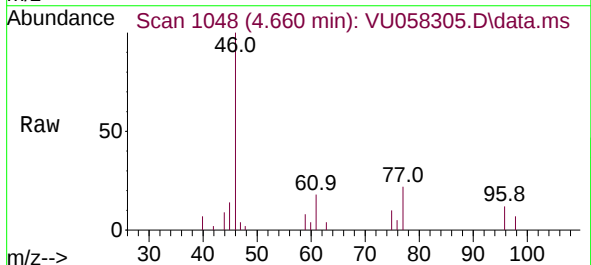
Ion	Ratio	Lower	Upper
84	100		
86	57.2	45.6	84.6
49	109.8	88.3	163.9

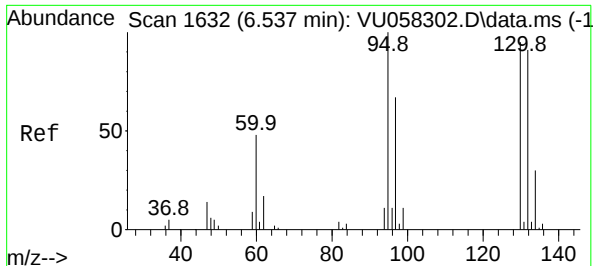


#22
cis-1,2-Dichloroethene
Concen: 0.329 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU058305.D
Acq: 01 Apr 2024 11:58

Tgt Ion: 96 Resp: 1583

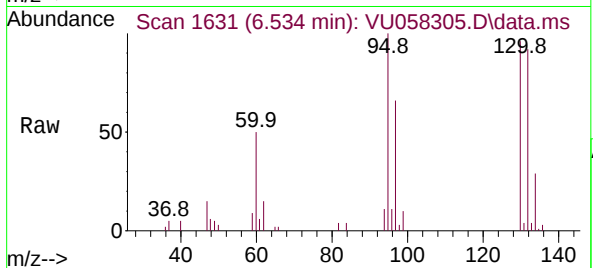
Ion	Ratio	Lower	Upper
96	100		
61	149.8	92.8	172.4
98	60.1	43.2	80.2



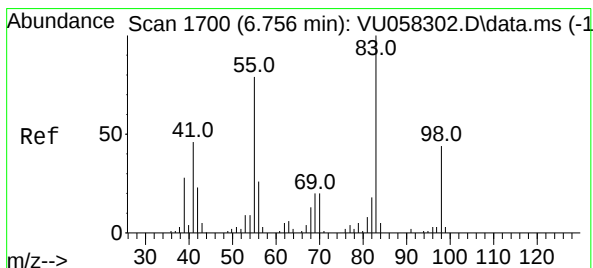
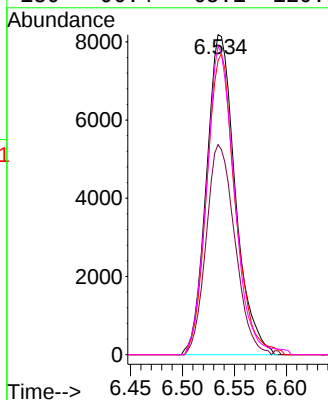
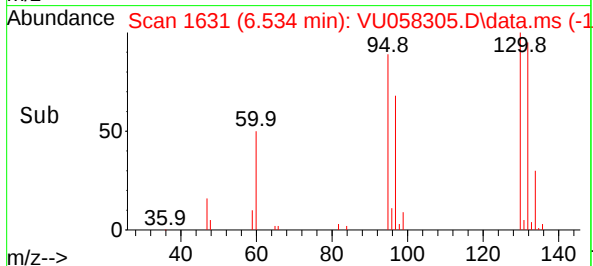


#34
Trichloroethene
Concen: 3.242 ug/L
RT: 6.534 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU058305.D
Acq: 01 Apr 2024 11:58

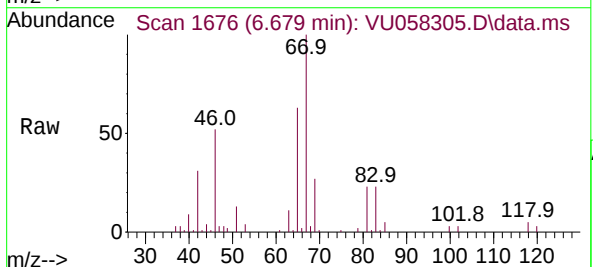
Instrument :
MSVOA_U
ClientSampleId :



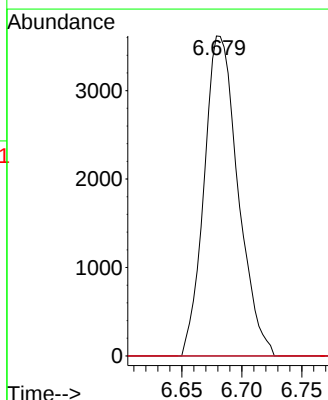
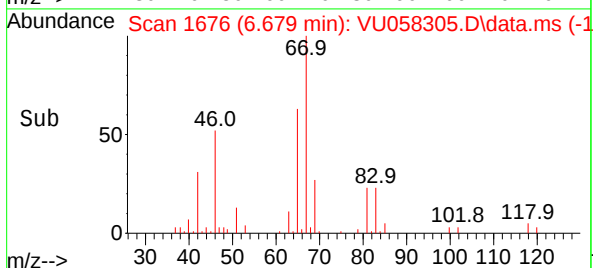
Tgt Ion: 95 Resp: 15799
Ion Ratio Lower Upper
95 100
97 65.6 47.7 88.7
132 91.8 63.6 118.2
130 96.4 65.1 120.9

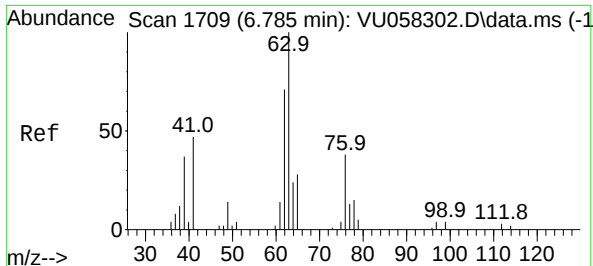


#35
Methylcyclohexane
Concen: 1.047 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.077 min
Lab File: VU058305.D
Acq: 01 Apr 2024 11:58



Tgt Ion: 83 Resp: 7115
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.0 37.3 55.9#

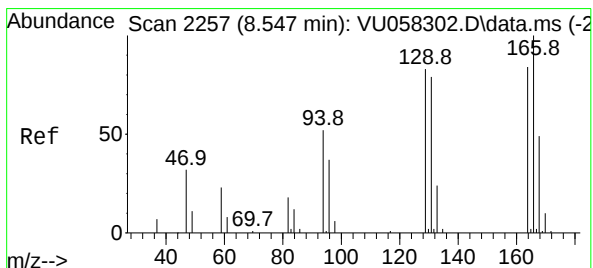
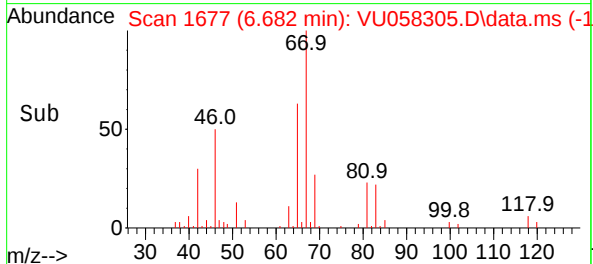
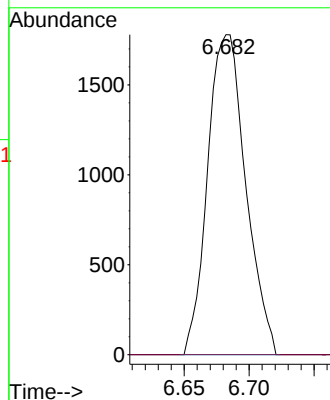
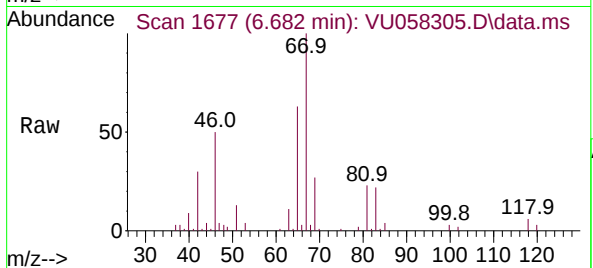




#37
1,2-Dichloropropane
Concen: 0.695 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU058305.D
Acq: 01 Apr 2024 11:58

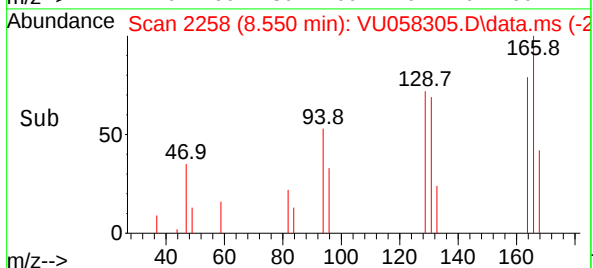
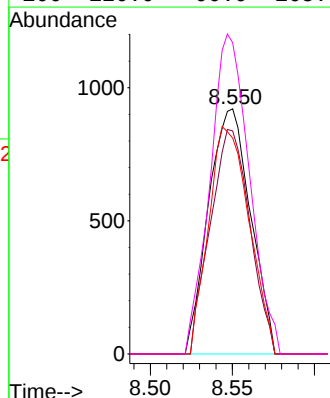
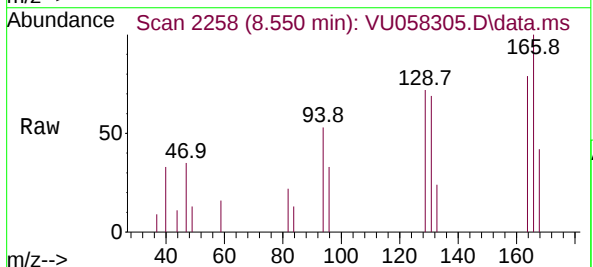
Instrument :
MSVOA_U
ClientSampleId :

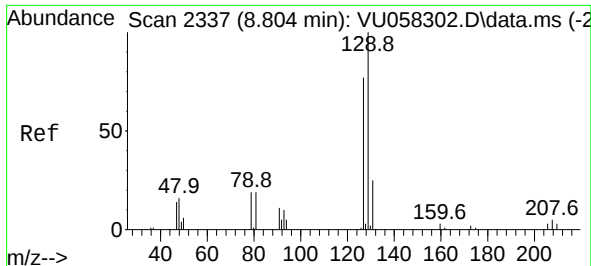
Tgt Ion: 63 Resp: 3632
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#47
Tetrachloroethene
Concen: 0.503 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU058305.D
Acq: 01 Apr 2024 11:58

Tgt Ion:164 Resp: 1642
Ion Ratio Lower Upper
164 100
129 91.0 71.3 132.3
131 88.1 70.8 131.4
166 126.9 90.9 168.9





#49

Dibromochloromethane

Concen: 0.392 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU058305.D

Acq: 01 Apr 2024 11:58

Instrument :

MSVOA_U

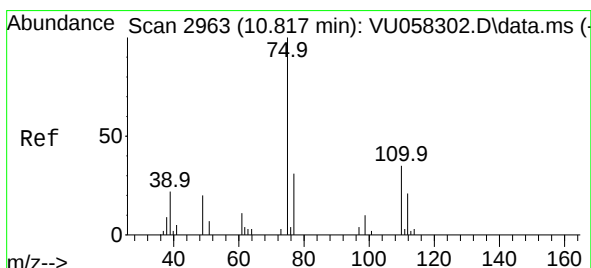
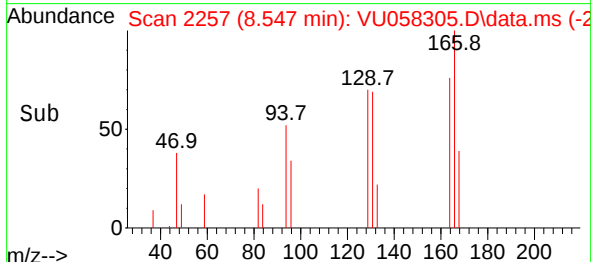
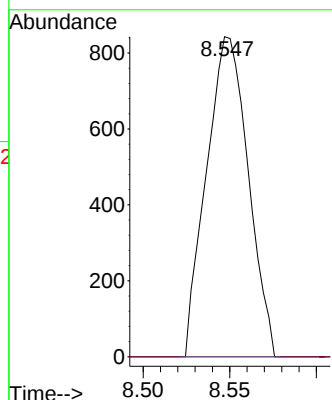
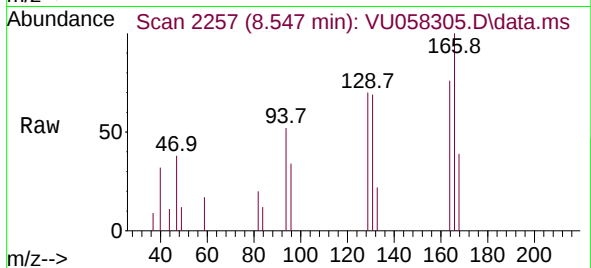
ClientSampleId :

Tgt Ion:129 Resp: 1413

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.684 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058305.D

Acq: 01 Apr 2024 11:58

Tgt Ion: 75 Resp: 4230

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 29.4 25.1 37.7

