

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121723\
 Data File : VU056967.D
 Acq On : 17 Dec 2023 14:50
 Operator : MD/SY
 Sample : 05842-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 01:17:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 18 01:16:15 2023
 Response via : Initial Calibration

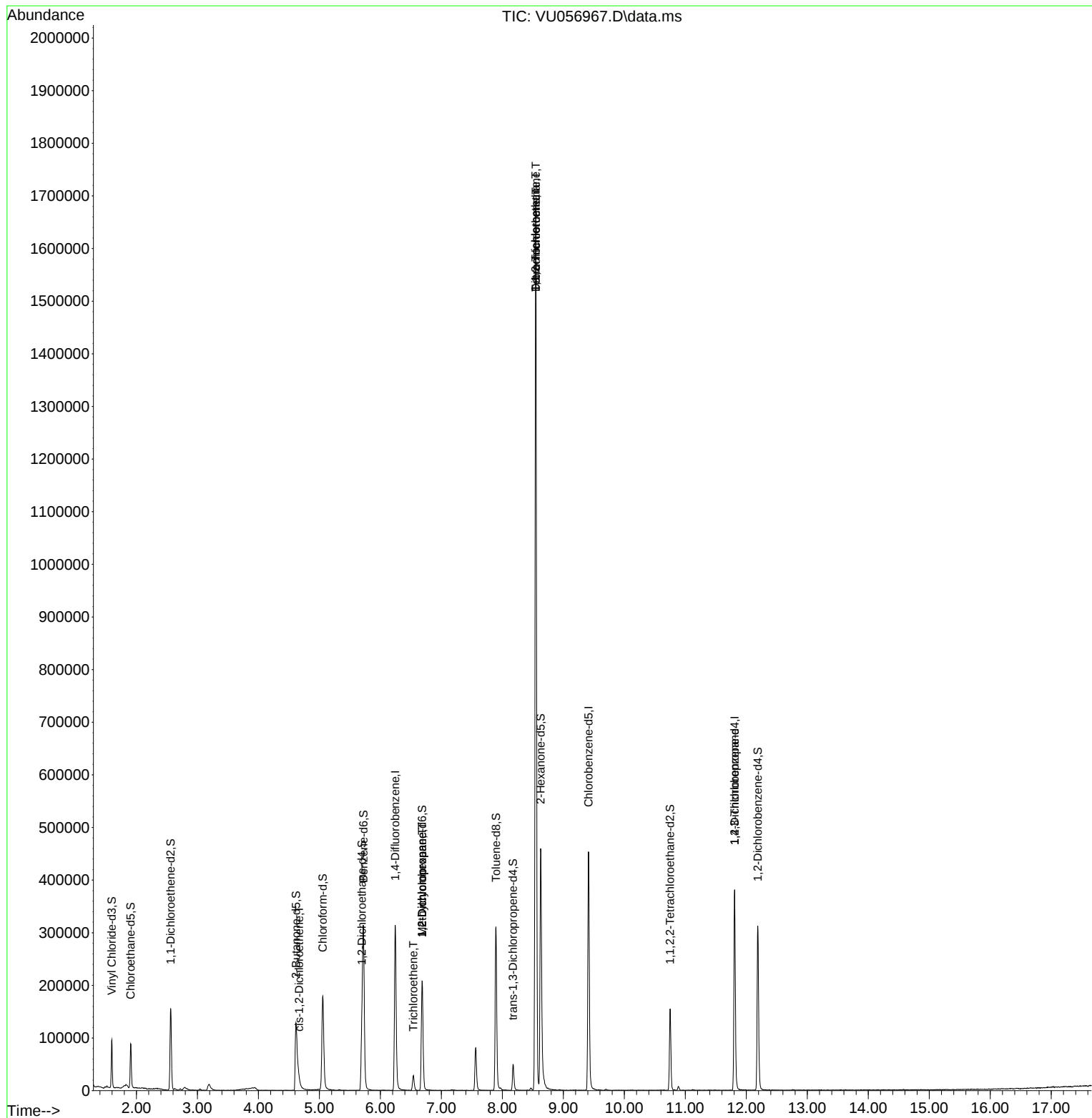
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	255720	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	263361	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	103394	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	65207	2.975	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.400%
7) Chloroethane-d5	1.905	69	64833	3.953	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.560	65	30080	3.207	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.200%
20) 2-Butanone-d5	4.615	46	202948	46.883	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.760%
24) Chloroform-d	5.056	84	171348	4.128	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
26) 1,2-Dichloroethane-d4	5.695	65	84469	4.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	5.721	84	297508	3.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.800%
36) 1,2-Dichloropropane-d6	6.686	67	106204	4.154	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.000%
41) Toluene-d8	7.895	98	215325	2.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.000%#
43) trans-1,3-Dichloroprop...	8.174	79	30328	3.059	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.200%
46) 2-Hexanone-d5	8.628	63	153451	41.034	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.060%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	77830	4.207	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	84419	4.153	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.000%
Target Compounds						
22) cis-1,2-Dichloroethene	4.667	96	6861	0.300	ug/L	96
34) Trichloroethene	6.541	95	10569	0.416	ug/L	94
35) Methylcyclohexane	6.682	83	24009	0.641	ug/L #	18
37) 1,2-Dichloropropane	6.686	63	10982	0.464	ug/L #	88
45) 1,1,2-Trichloroethane	8.544	97	3530	0.221	ug/L #	1
47) Tetrachloroethene	8.547	164	360455	20.286	ug/L	95
49) Dibromochloromethane	8.547	129	368825	20.046	ug/L #	11
61) 1,2,3-Trichloropropane	11.808	75	13398	1.207	ug/L #	69

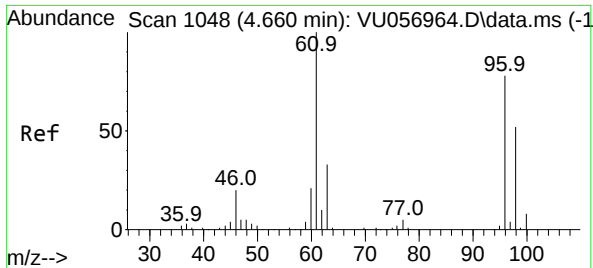
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121723\
Data File : VU056967.D
Acq On : 17 Dec 2023 14:50
Operator : MD/SY
Sample : 05842-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 18 01:17:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Dec 18 01:16:15 2023
Response via : Initial Calibration





#22

cis-1,2-Dichloroethene

Concen: 0.300 ug/L

RT: 4.667 min Scan# 1050

Delta R.T. 0.007 min

Lab File: VU056967.D

Acq: 17 Dec 2023 14:50

Instrument :

MSVOA_U

ClientSampleId :

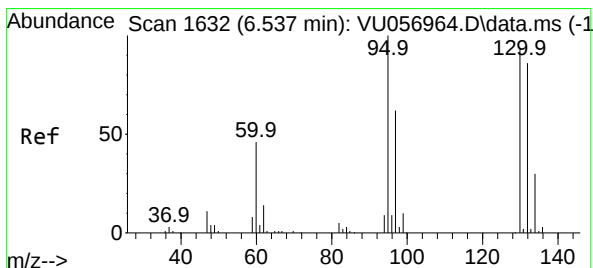
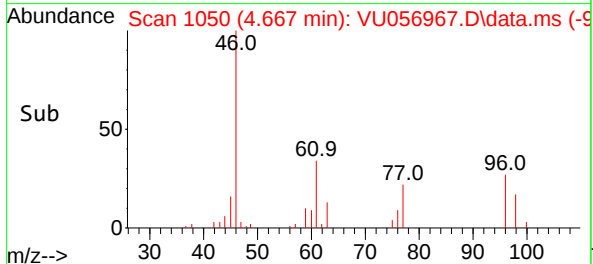
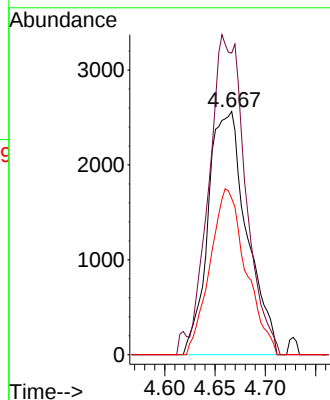
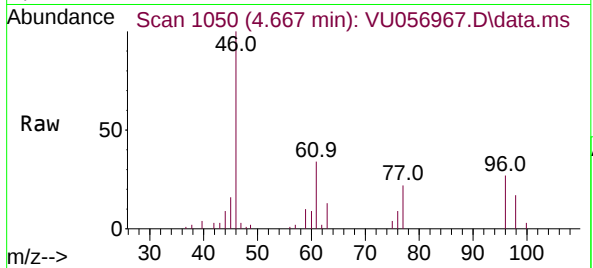
Tgt Ion: 96 Resp: 6861

Ion Ratio Lower Upper

96 100

61 124.0 91.3 169.6

98 64.2 44.2 82.0



#34

Trichloroethene

Concen: 0.416 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.004 min

Lab File: VU056967.D

Acq: 17 Dec 2023 14:50

Tgt Ion: 95 Resp: 10569

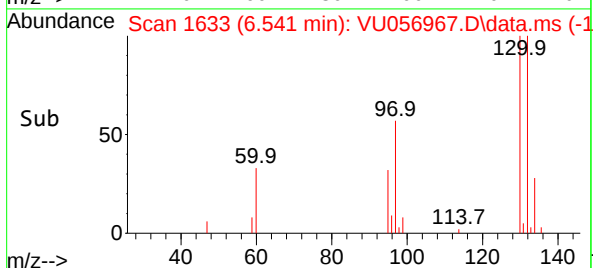
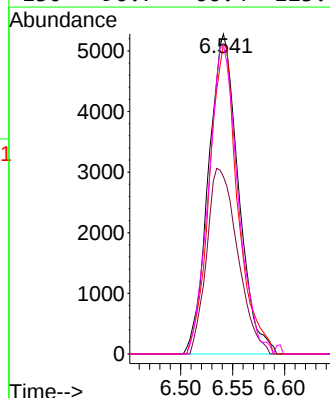
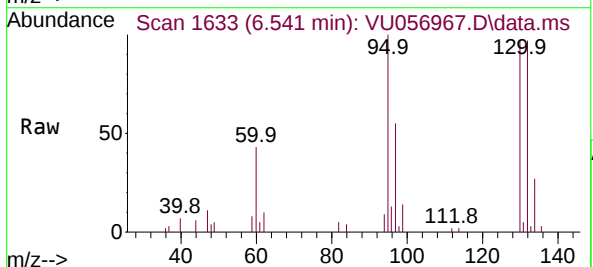
Ion Ratio Lower Upper

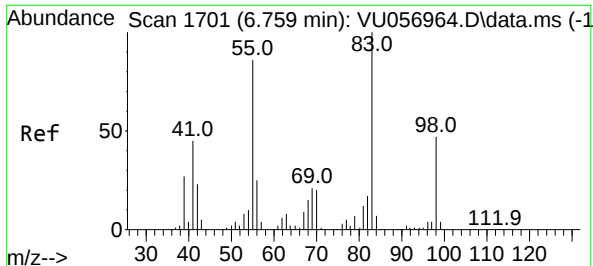
95 100

97 55.4 46.1 85.5

132 96.8 63.6 118.0

130 96.7 66.4 123.4

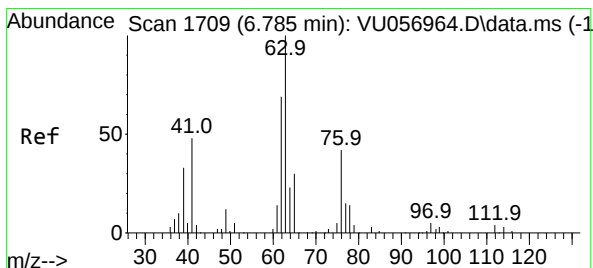
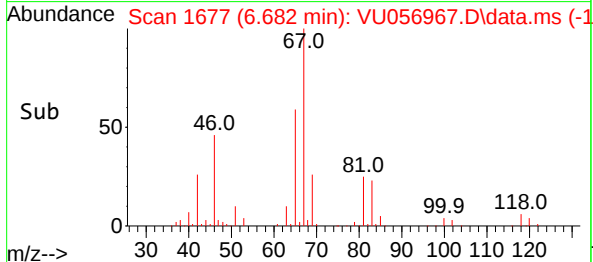
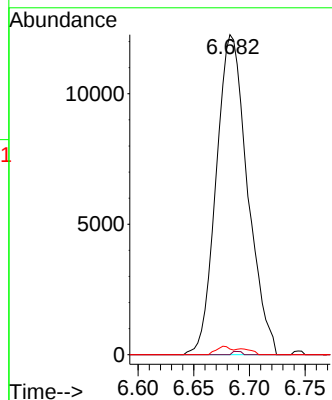
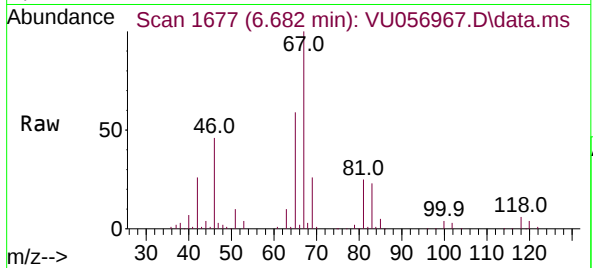




#35
Methylcyclohexane
Concen: 0.641 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU056967.D
Acq: 17 Dec 2023 14:50

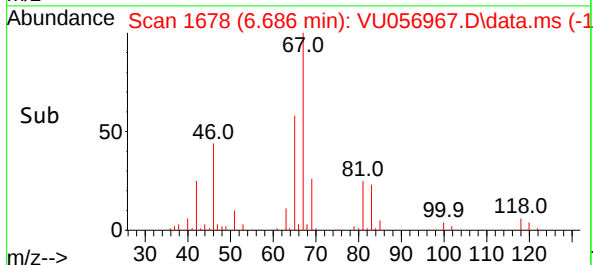
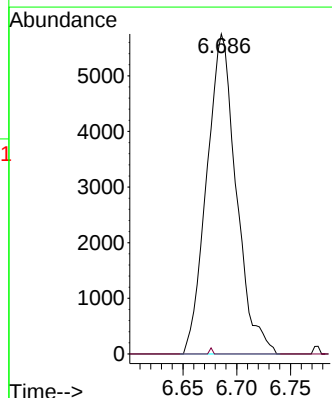
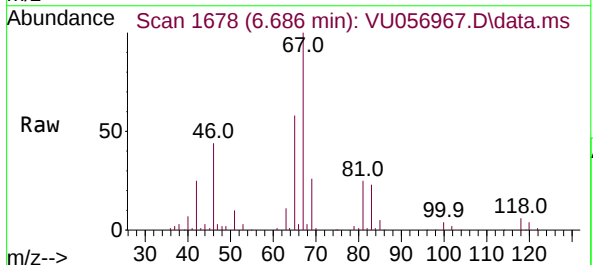
Instrument :
MSVOA_U
ClientSampleId :

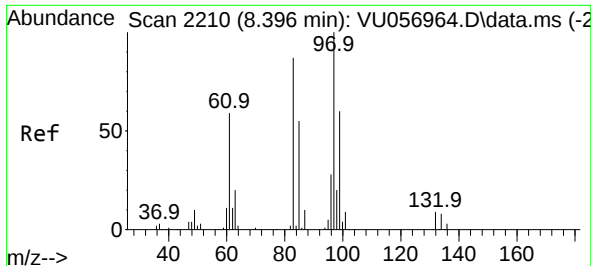
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	64.6	97.0#
98	1.2	36.1	54.1#



#37
1,2-Dichloropropane
Concen: 0.464 ug/L
RT: 6.686 min Scan# 1678
Delta R.T. -0.099 min
Lab File: VU056967.D
Acq: 17 Dec 2023 14:50

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.3	4.9#





#45

1,1,2-Trichloroethane

Concen: 0.221 ug/L

RT: 8.544 min Scan# 21

Delta R.T. 0.148 min

Lab File: VU056967.D

Acq: 17 Dec 2023 14:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 3530

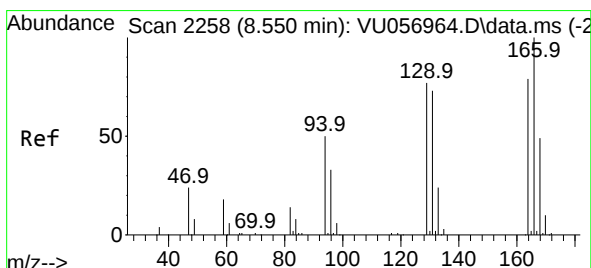
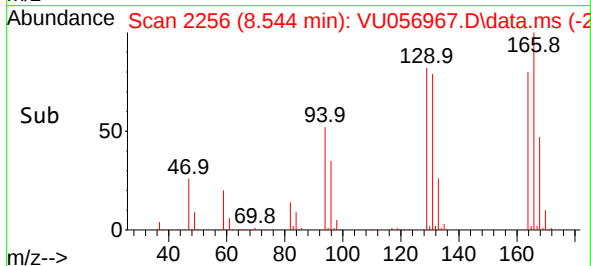
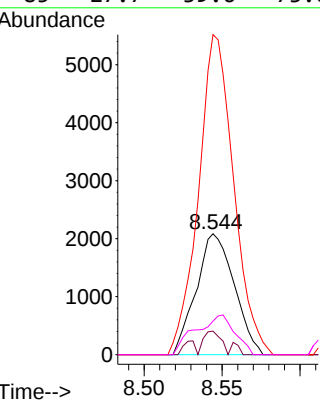
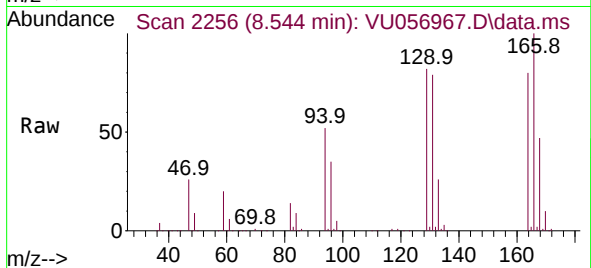
Ion Ratio Lower Upper

97 100

99 19.4 41.9 77.9#

83 264.7 59.1 109.7#

85 27.7 39.6 73.6#



#47

Tetrachloroethene

Concen: 20.286 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU056967.D

Acq: 17 Dec 2023 14:50

Tgt Ion:164 Resp: 360455

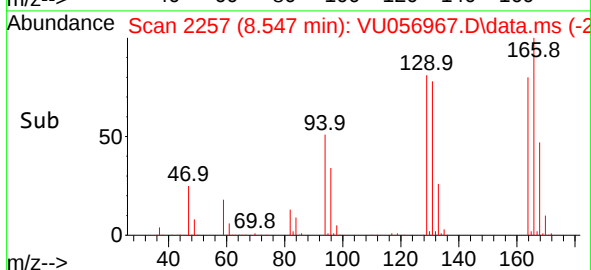
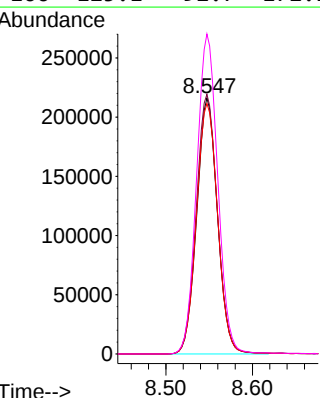
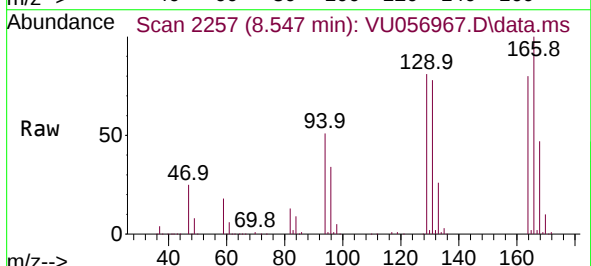
Ion Ratio Lower Upper

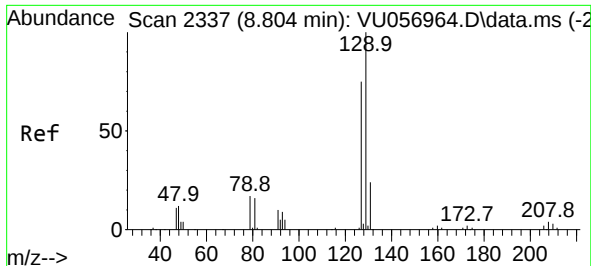
164 100

129 101.5 73.4 136.4

131 97.8 71.5 132.9

166 125.1 92.7 172.1





#49

Dibromochloromethane

Concen: 20.046 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU056967.D

Acq: 17 Dec 2023 14:50

Instrument :

MSVOA_U

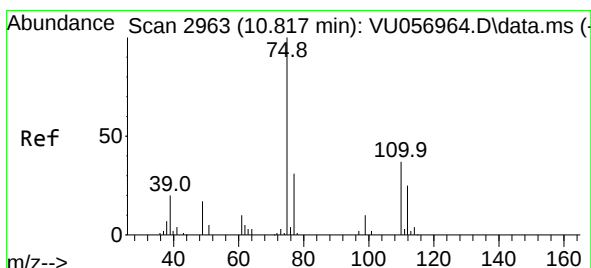
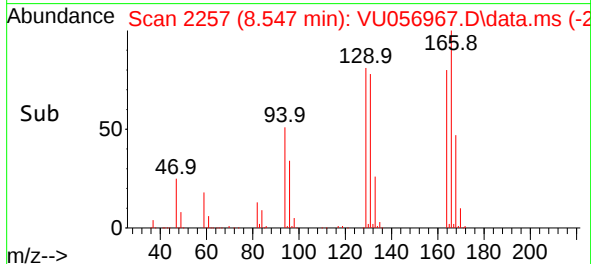
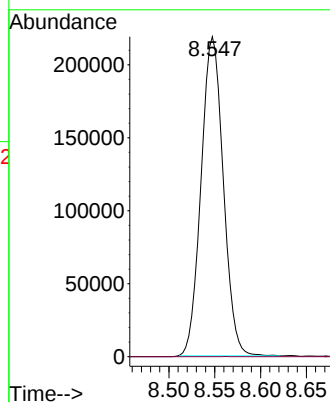
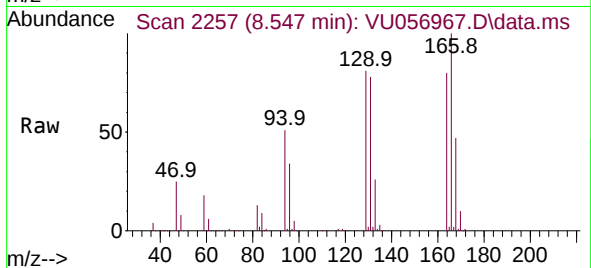
ClientSampleId :

Tgt Ion:129 Resp: 368825

Ion Ratio Lower Upper

129 100

127 0.1 53.9 100.1#



#61

1,2,3-Trichloropropane

Concen: 1.207 ug/L

RT: 11.808 min Scan# 3271

Delta R.T. 0.991 min

Lab File: VU056967.D

Acq: 17 Dec 2023 14:50

Tgt Ion: 75 Resp: 13398

Ion Ratio Lower Upper

75 100

110 2.8 28.4 42.6#

77 30.8 26.3 39.5

