

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110223\
 Data File : VU056061.D
 Acq On : 02 Nov 2023 13:21
 Operator : MD/SY
 Sample : 05113-12DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

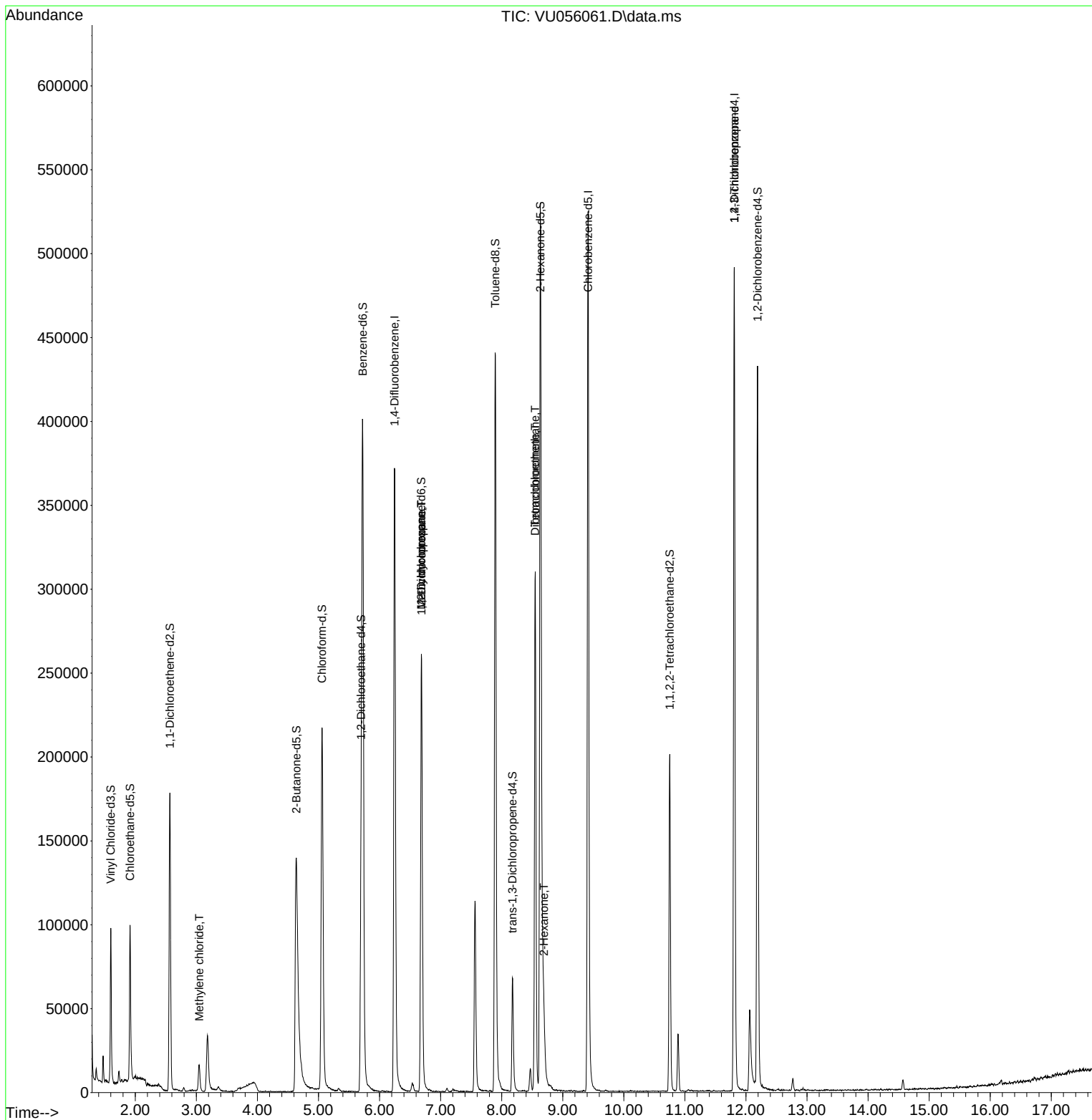
Quant Time: Nov 03 00:38:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 03 00:21:27 2023
 Response via : Initial Calibration

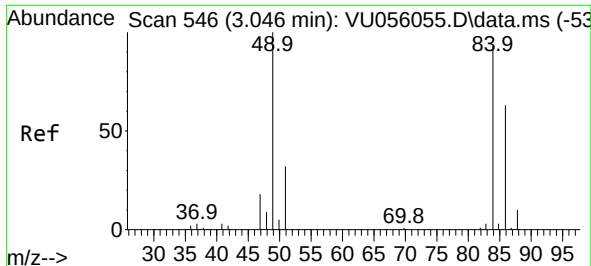
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	324127	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	328359	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	138977	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	67258	2.623	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.400%
7) Chloroethane-d5	1.914	69	72368	3.621	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.567	65	33907	3.115	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.200%
20) 2-Butanone-d5	4.637	46	253746	55.474	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.940%
24) Chloroform-d	5.058	84	213943	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.698	65	104616	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.724	84	399589	4.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.685	67	133556	4.606	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.894	98	323872	3.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.000%
43) trans-1,3-Dichloroprop...	8.177	79	42892	3.782	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.634	63	190771	66.269	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	132.540%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	104144	4.932	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	119554	4.611	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
16) Methylene chloride	3.049	84	8116	0.456	ug/L	96
35) Methylcyclohexane	6.685	83	30736	1.123	ug/L #	19
37) 1,2-Dichloropropane	6.689	63	14619	0.760	ug/L #	89
47) Tetrachloroethene	8.550	164	70664	4.978	ug/L	97
48) 2-Hexanone	8.692	43	22673	3.109	ug/L #	93
49) Dibromochloromethane	8.547	129	70360	4.738	ug/L #	11
61) 1,2,3-Trichloropropane	11.811	75	15997	1.677	ug/L #	64

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

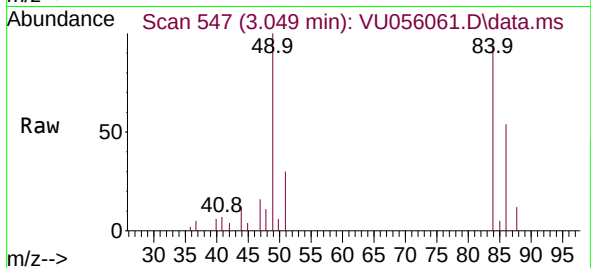
Quant Time: Nov 03 00:38:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 03 00:21:27 2023
Response via : Initial Calibration



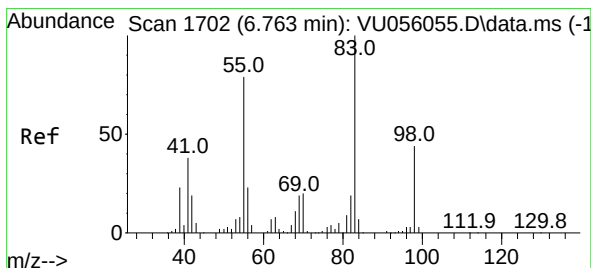
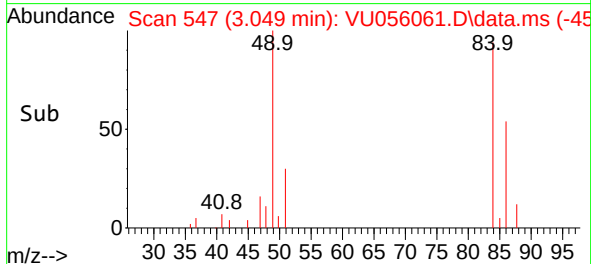
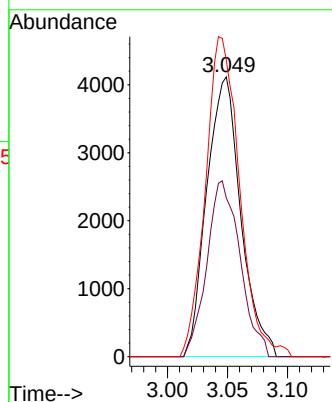


#16
Methylene chloride
Concen: 0.456 ug/L
RT: 3.049 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU056061.D
Acq: 02 Nov 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :

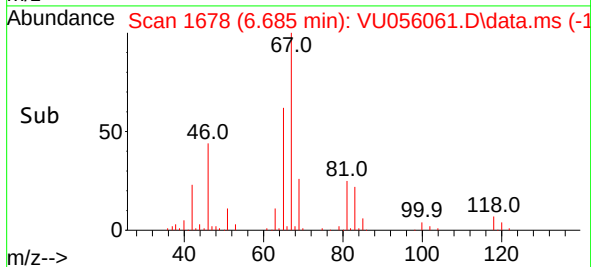
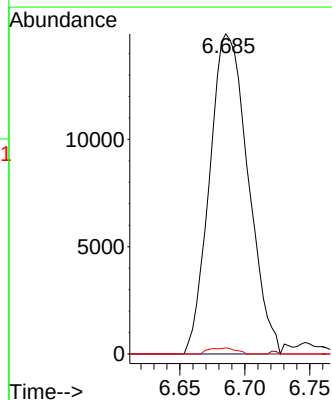
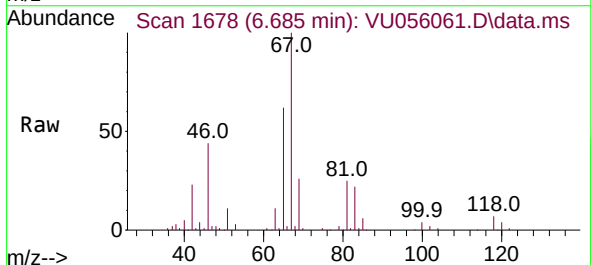


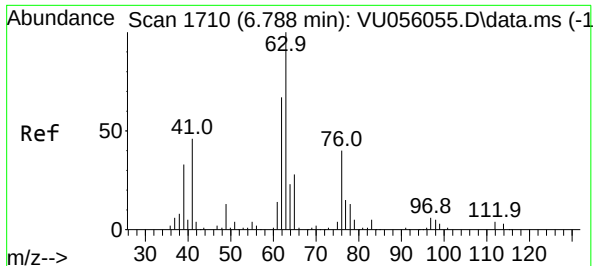
Tgt Ion: 84 Resp: 8116
Ion Ratio Lower Upper
84 100
86 56.7 45.2 84.0
49 112.3 78.8 146.3



#35
Methylcyclohexane
Concen: 1.123 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.077 min
Lab File: VU056061.D
Acq: 02 Nov 2023 13:21

Tgt Ion: 83 Resp: 30736
Ion Ratio Lower Upper
83 100
55 0.2 62.4 93.6#
98 1.3 37.4 56.2#





#37

1,2-Dichloropropane

Concen: 0.760 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056061.D

Acq: 02 Nov 2023 13:21

Instrument :

MSVOA_U

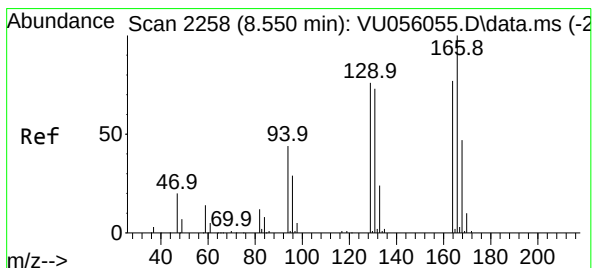
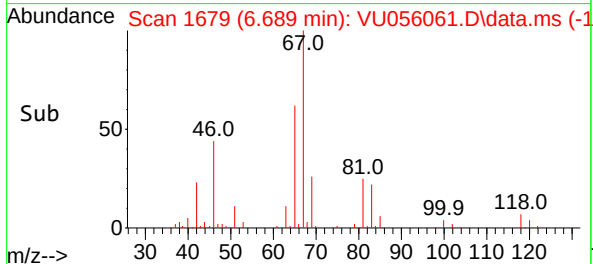
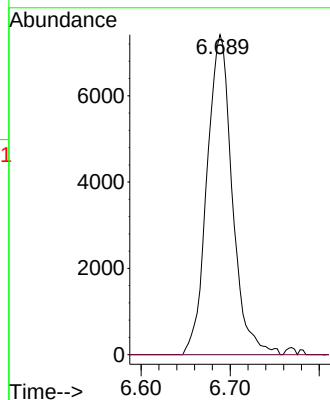
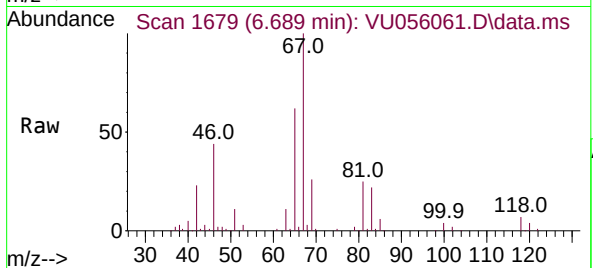
ClientSampleId :

Tgt Ion: 63 Resp: 14619

Ion Ratio Lower Upper

63 100

112 0.3 3.1 4.7#



#47

Tetrachloroethene

Concen: 4.978 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU056061.D

Acq: 02 Nov 2023 13:21

Tgt Ion:164 Resp: 70664

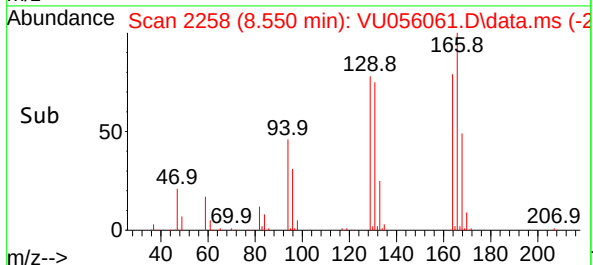
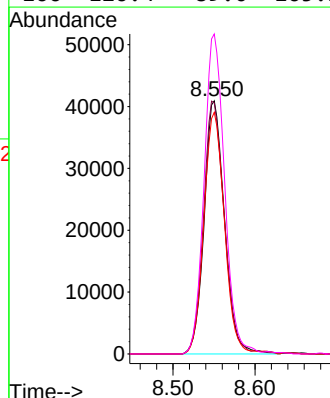
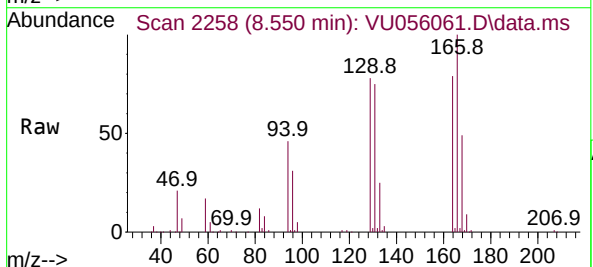
Ion Ratio Lower Upper

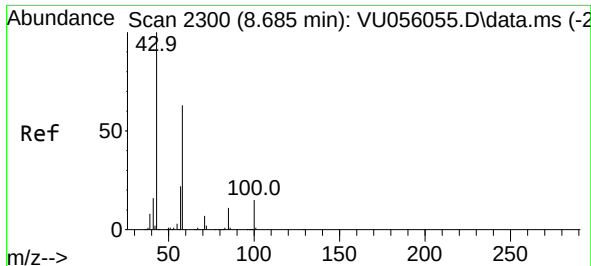
164 100

129 99.1 72.2 134.0

131 95.4 70.8 131.6

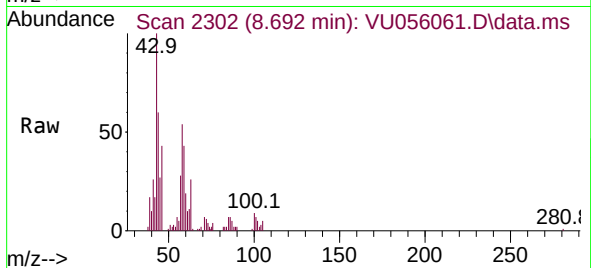
166 126.4 89.0 165.2



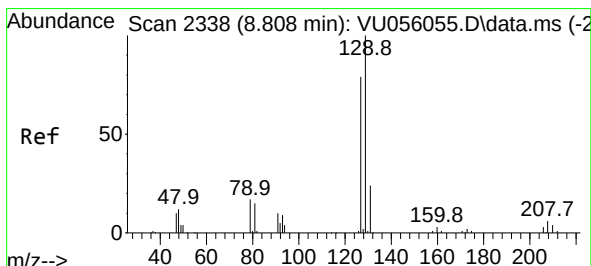
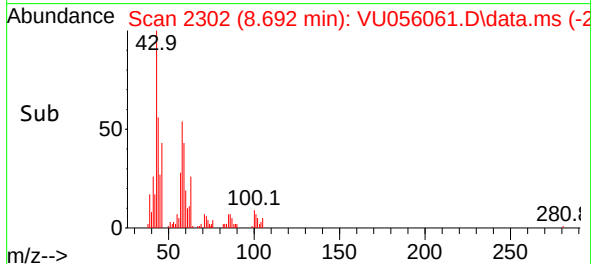
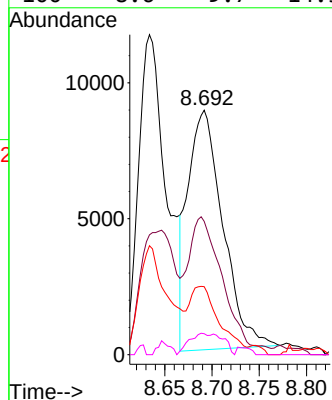


#48
2-Hexanone
Concen: 3.109 ug/L
RT: 8.692 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU056061.D
Acq: 02 Nov 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :

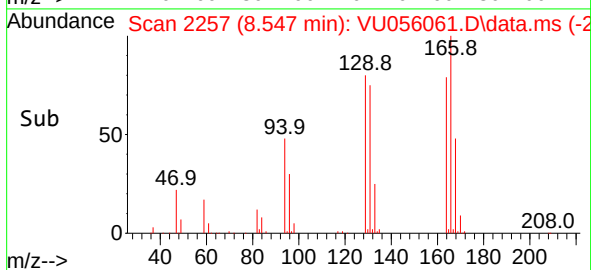
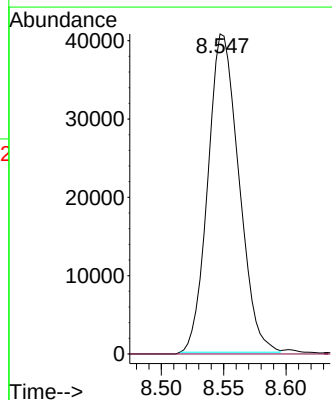
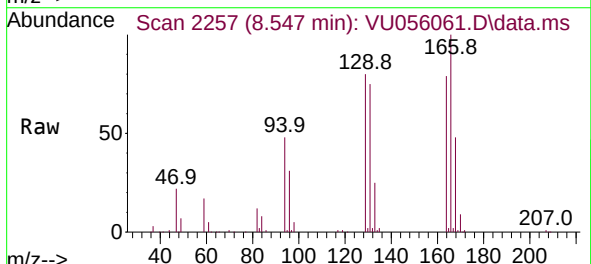


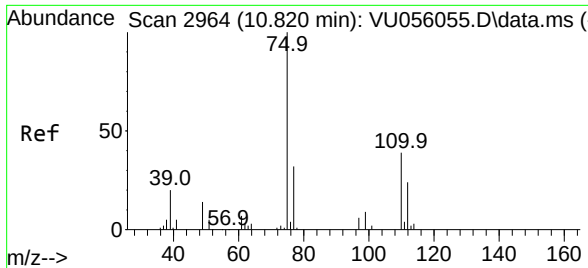
Tgt Ion: 43 Resp: 22673
Ion Ratio Lower Upper
43 100
58 56.1 49.5 74.3
57 23.8 16.9 25.3
100 8.6 9.7 14.5#



#49
Dibromochloromethane
Concen: 4.738 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.261 min
Lab File: VU056061.D
Acq: 02 Nov 2023 13:21

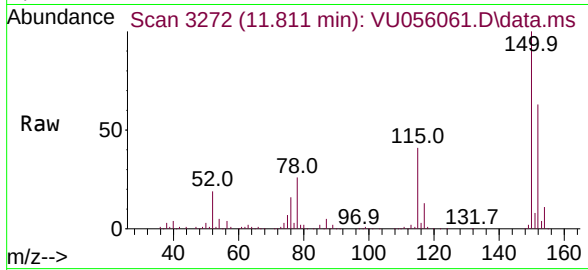
Tgt Ion: 129 Resp: 70360
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
1,2,3-Trichloropropane
Concen: 1.677 ug/L
RT: 11.811 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056061.D
Acq: 02 Nov 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75	Resp:	15997
Ion	Ratio	Lower Upper
75	100	
110	2.1	29.0 43.6#
77	35.5	24.5 36.7

