

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112123\
 Data File : VU056567.D
 Acq On : 21 Nov 2023 22:24
 Operator : MD/SY
 Sample : 05441-16RE
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 01:00:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 22 00:29:26 2023
 Response via : Initial Calibration

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

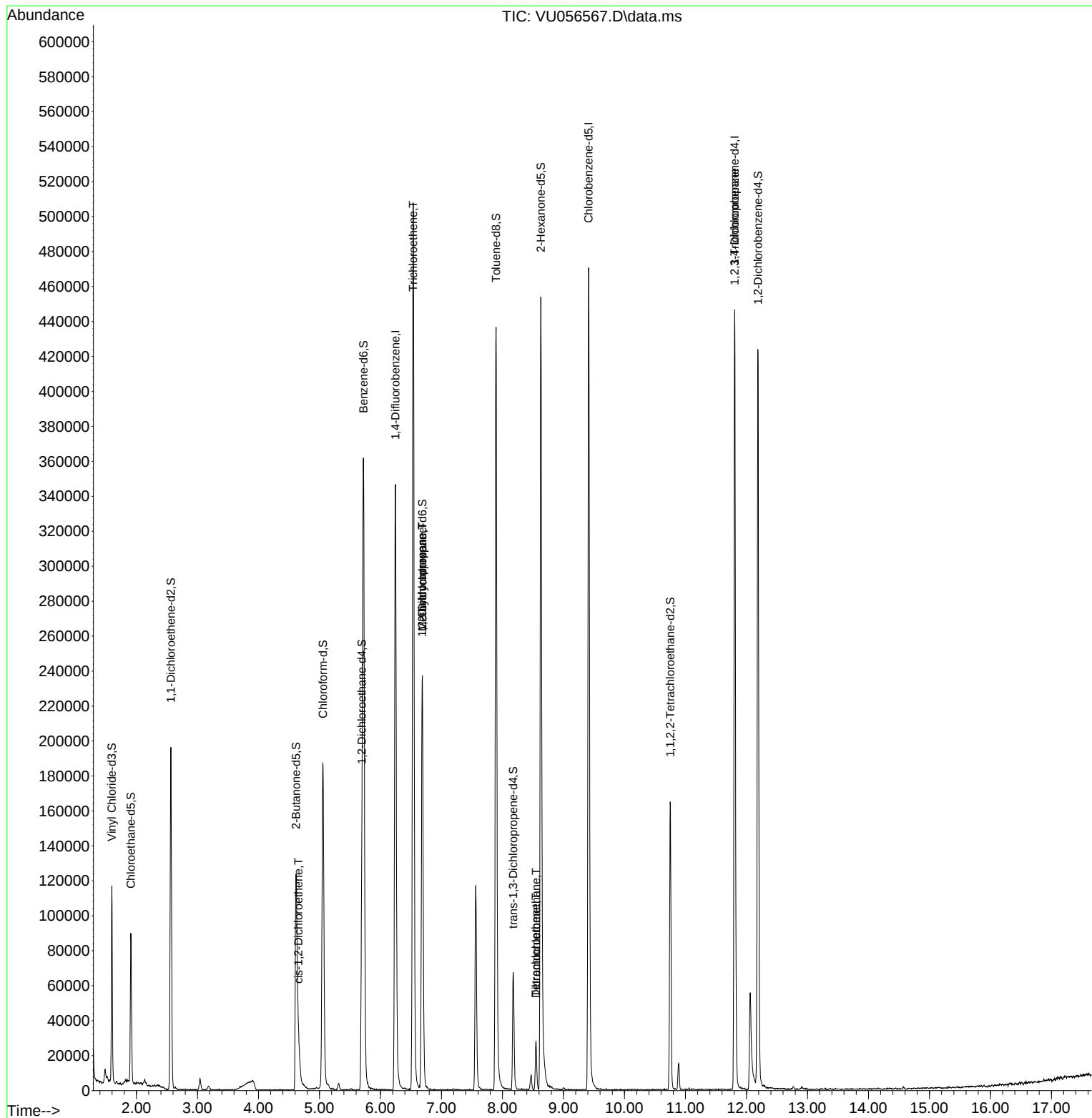
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	289758	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	283408	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	119872	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	76498	3.530	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.600%
7) Chloroethane-d5	1.908	69	66258	3.987	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.563	65	37817	3.954	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	4.615	46	189781	43.914	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.820%
24) Chloroform-d	5.055	84	181902	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.695	65	92929	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.721	84	352462	4.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.685	67	117455	4.615	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.894	98	310972	4.171	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	8.177	79	42885	4.394	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.628	63	157898	41.167	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.340%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	81705	4.493	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	110496	4.990	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	4.657	96	5764	0.278	ug/L	83
34) Trichloroethene	6.534	95	181935	8.257	ug/L	98
35) Methylcyclohexane	6.685	83	27358	0.860	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	12903	0.612	ug/L #	88
47) Tetrachloroethene	8.547	164	5679	0.382	ug/L	95
49) Dibromochloromethane	8.550	129	6616	0.414	ug/L #	12
61) 1,2,3-Trichloropropane	11.804	75	15263	1.484	ug/L #	67

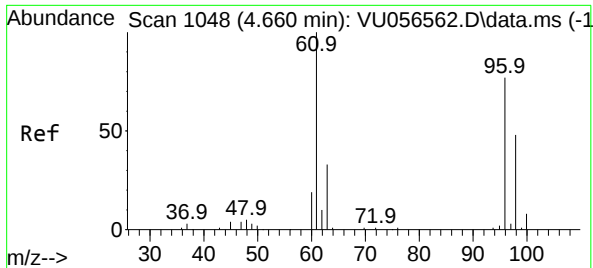
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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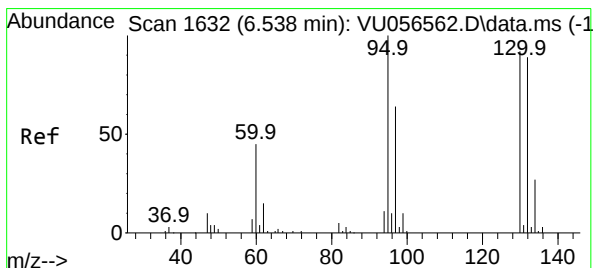
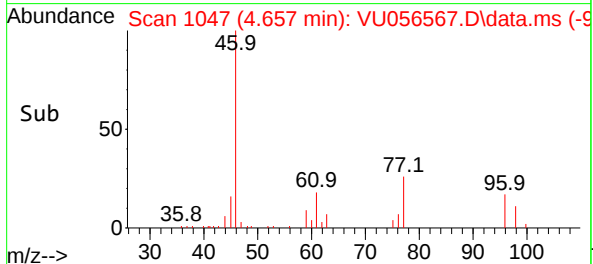
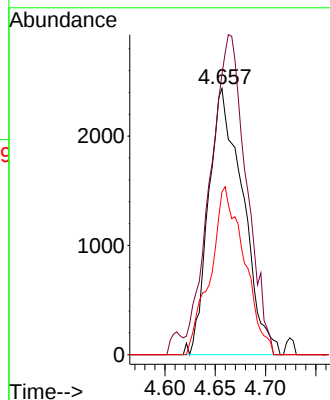
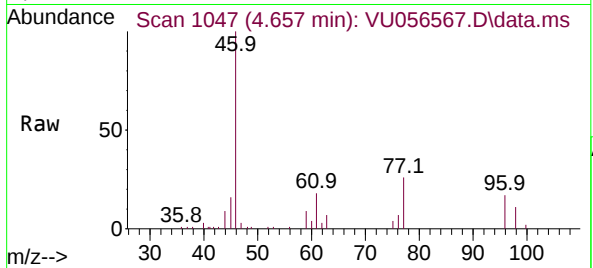




#22
 cis-1,2-Dichloroethene
 Concen: 0.278 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU056567.D
 Acq: 21 Nov 2023 22:24

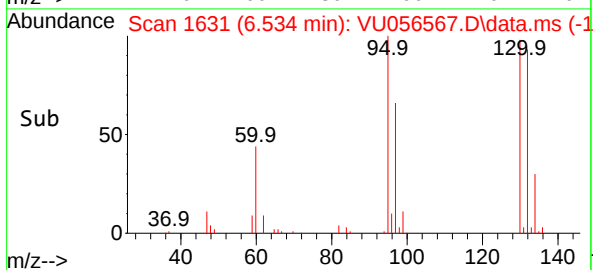
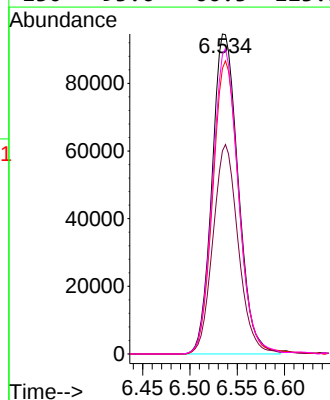
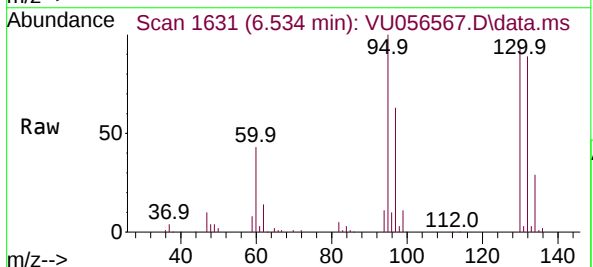
Instrument :
 MSVOA_U
 ClientSampleId :

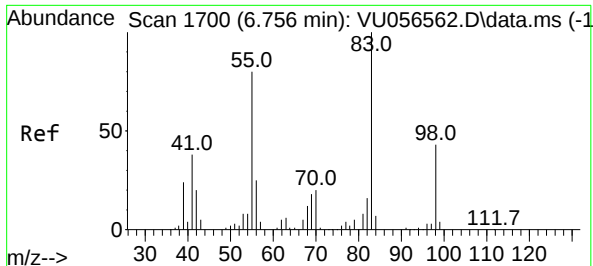
Tgt Ion: 96 Resp: 5764
 Ion Ratio Lower Upper
 96 100
 61 105.3 93.2 173.2
 98 61.1 44.8 83.2



#34
 Trichloroethene
 Concen: 8.257 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. -0.003 min
 Lab File: VU056567.D
 Acq: 21 Nov 2023 22:24

Tgt Ion: 95 Resp: 181935
 Ion Ratio Lower Upper
 95 100
 97 63.5 46.5 86.3
 132 89.2 62.0 115.2
 130 93.6 66.3 123.1

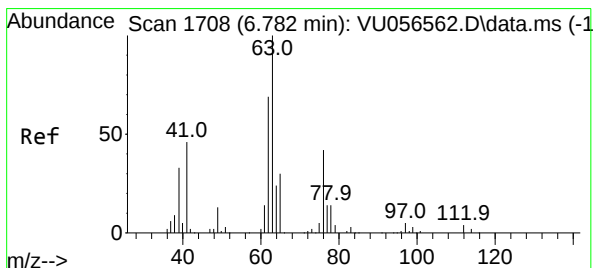
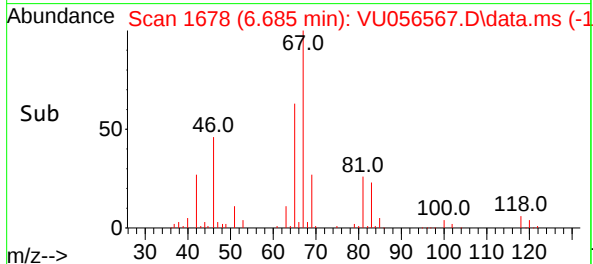
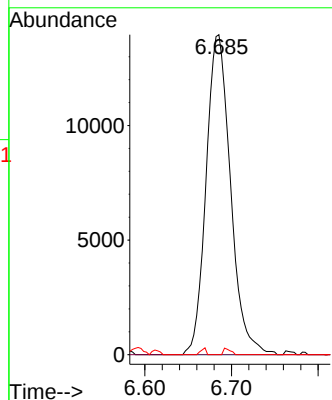
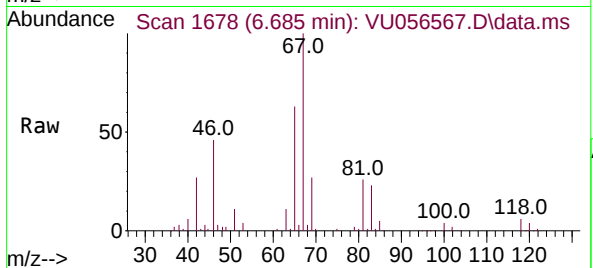




#35
Methylcyclohexane
Concen: 0.860 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU056567.D
Acq: 21 Nov 2023 22:24

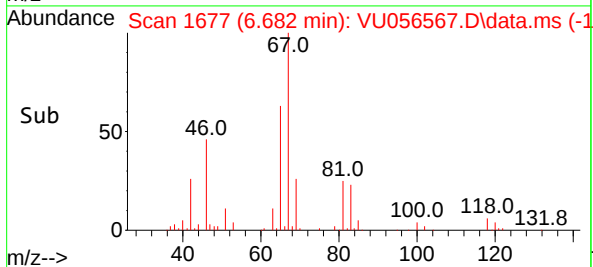
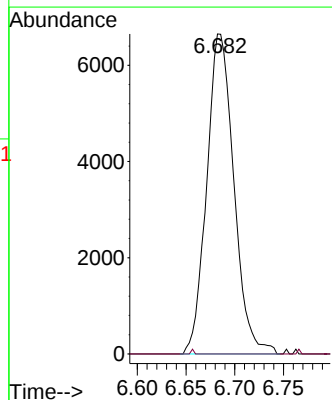
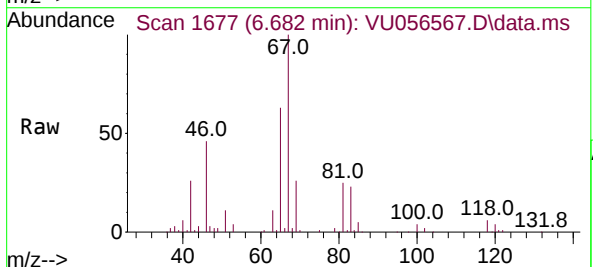
Instrument :
MSVOA_U
ClientSampleId :

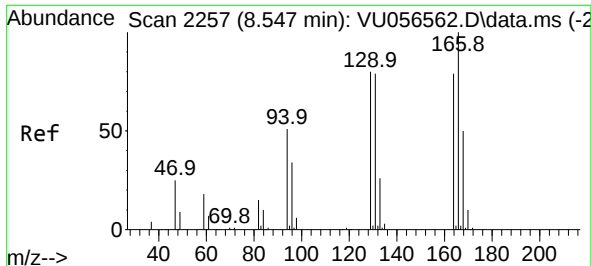
Tgt Ion: 83 Resp: 27358
Ion Ratio Lower Upper
83 100
55 0.0 62.9 94.3#
98 0.6 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.612 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU056567.D
Acq: 21 Nov 2023 22:24

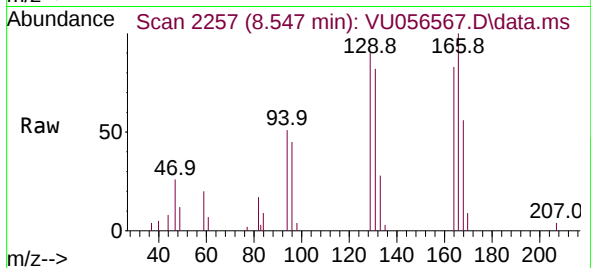
Tgt Ion: 63 Resp: 12903
Ion Ratio Lower Upper
63 100
112 0.1 3.2 4.8#



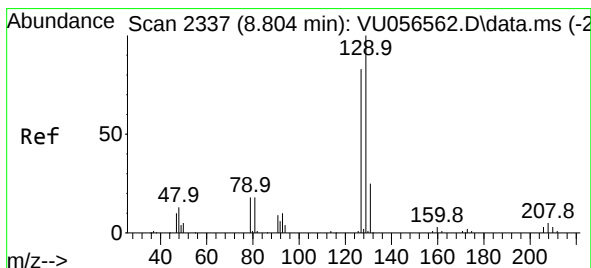
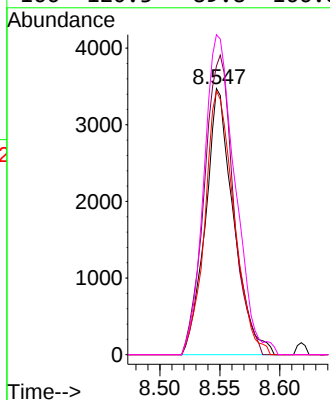
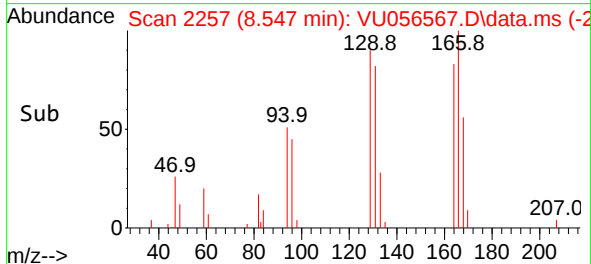


#47
Tetrachloroethene
Concen: 0.382 ug/L
RT: 8.547 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056567.D
Acq: 21 Nov 2023 22:24

Instrument :
MSVOA_U
ClientSampleId :

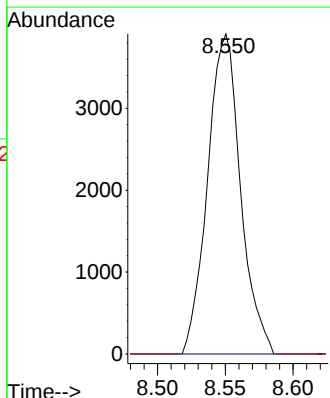
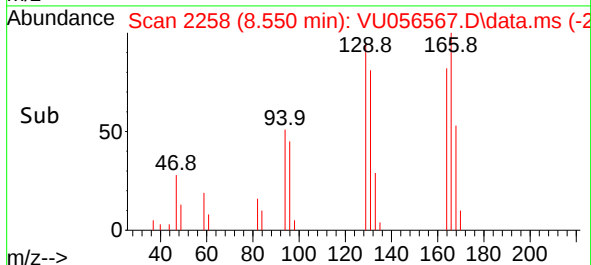
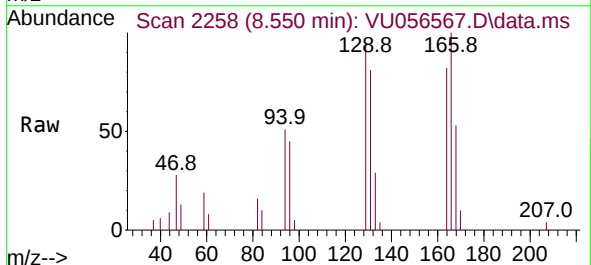


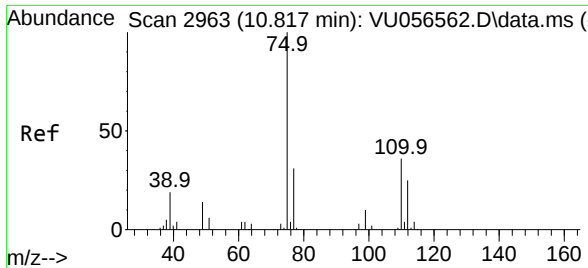
Tgt Ion:164 Resp: 5679
Ion Ratio Lower Upper
164 100
129 108.5 71.0 131.9
131 99.1 70.3 130.7
166 120.3 89.8 166.8



#49
Dibromochloromethane
Concen: 0.414 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU056567.D
Acq: 21 Nov 2023 22:24

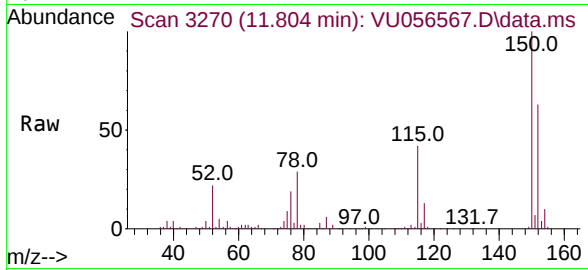
Tgt Ion:129 Resp: 6616
Ion Ratio Lower Upper
129 100
127 0.0 52.9 98.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.484 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU056567.D
 Acq: 21 Nov 2023 22:24

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	15263
Ion	Ratio	Lower	Upper
75	100		
110	3.0	30.4	45.6#
77	30.9	27.0	40.6

