

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110223\
 Data File : VU056060.D
 Acq On : 02 Nov 2023 12:57
 Operator : MD/SY
 Sample : 05113-03DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 03 00:38:42 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)

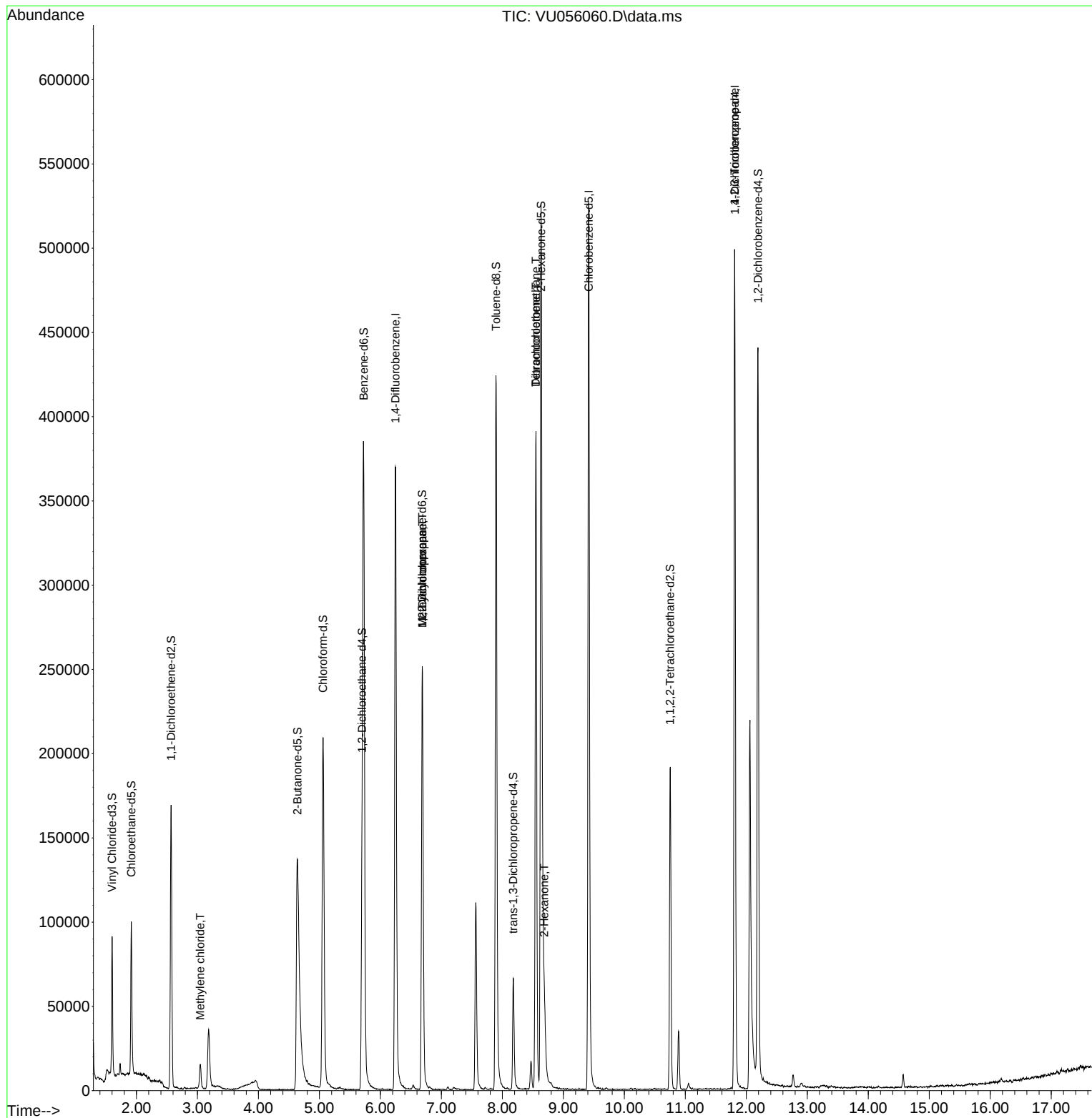
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	329461	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	322768	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	141718	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	61790	2.371	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	47.400%
7) Chloroethane-d5	1.914	69	70601	3.475	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.600%
11) 1,1-Dichloroethene-d2	2.567	65	32884	2.972	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.400%#
20) 2-Butanone-d5	4.637	46	260245	55.974	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.940%
24) Chloroform-d	5.059	84	203938	4.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.698	65	99854	4.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	5.724	84	384396	3.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
36) 1,2-Dichloropropane-d6	6.685	67	129762	4.553	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.894	98	313864	3.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.000%
43) trans-1,3-Dichloroprop...	8.177	79	41959	3.764	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.634	63	191165	67.556	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	135.120%#
56) 1,1,2,2-Tetrachloroeth...	10.750	84	100564	4.845	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	120323	4.551	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.046	84	7694	0.425	ug/L	86
35) Methylcyclohexane	6.689	83	30465	1.133	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	13414	0.709	ug/L #	89
47) Tetrachloroethene	8.550	164	91506	6.558	ug/L	95
48) 2-Hexanone	8.685	43	23735	3.311	ug/L #	86
49) Dibromochloromethane	8.550	129	89860	6.156	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	16533	1.699	ug/L #	67

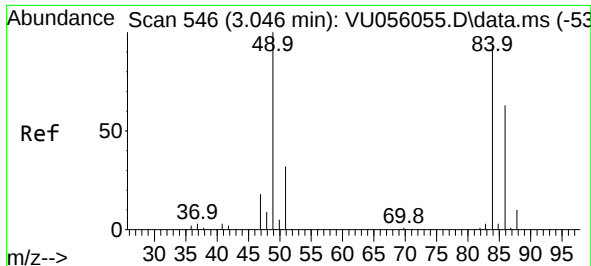
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
ClientSampleId :

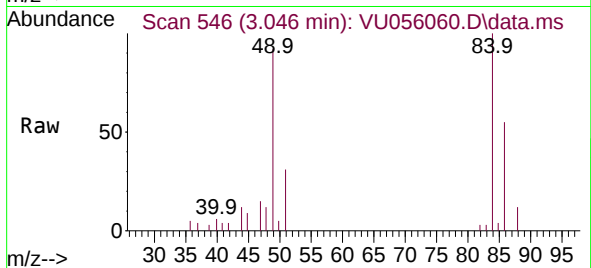
Quant Time: Nov 03 00:38:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
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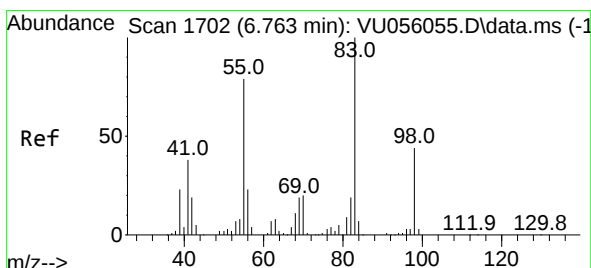
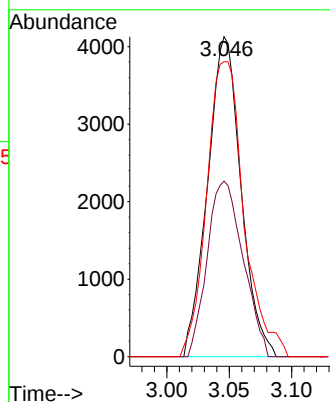
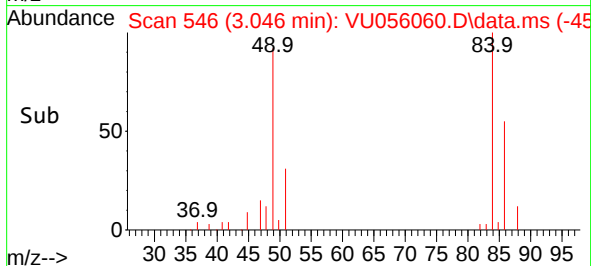


#16
Methylene chloride
Concen: 0.425 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU056060.D
Acq: 02 Nov 2023 12:57

Instrument :
MSVOA_U
ClientSampleId :

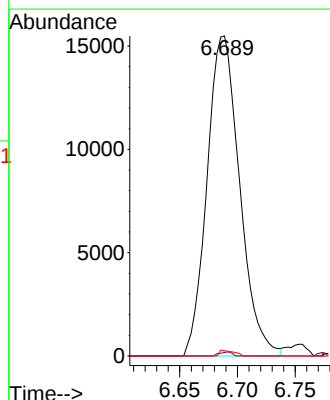
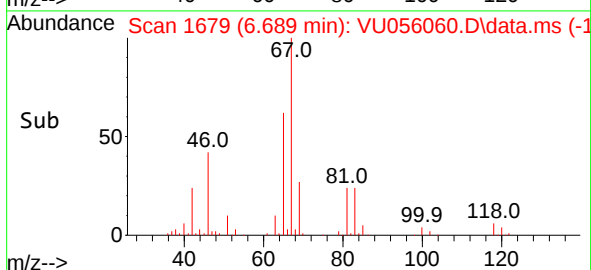
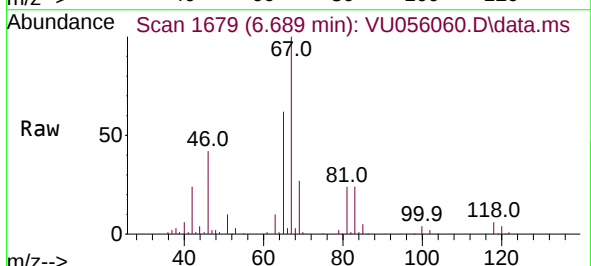


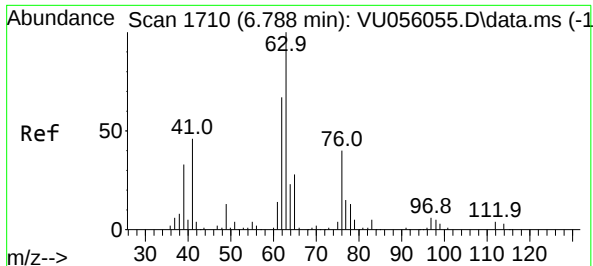
Tgt Ion: 84 Resp: 7694
Ion Ratio Lower Upper
84 100
86 54.9 45.2 84.0
49 96.9 78.8 146.3



#35
Methylcyclohexane
Concen: 1.133 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU056060.D
Acq: 02 Nov 2023 12:57

Tgt Ion: 83 Resp: 30465
Ion Ratio Lower Upper
83 100
55 0.5 62.4 93.6#
98 0.8 37.4 56.2#





#37

1,2-Dichloropropane

Concen: 0.709 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056060.D

Acq: 02 Nov 2023 12:57

Instrument :

MSVOA_U

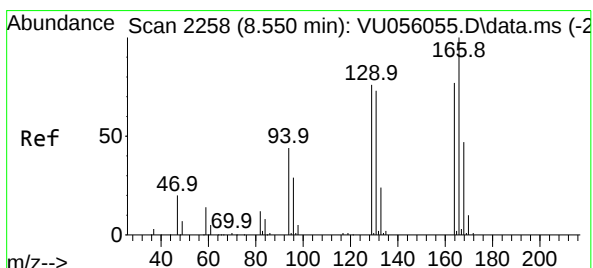
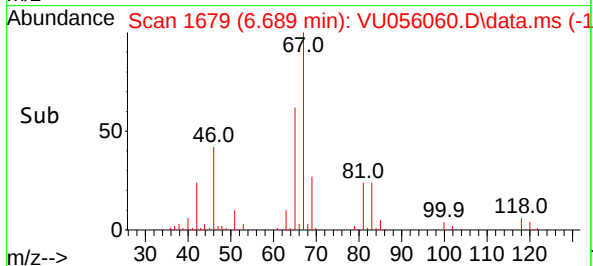
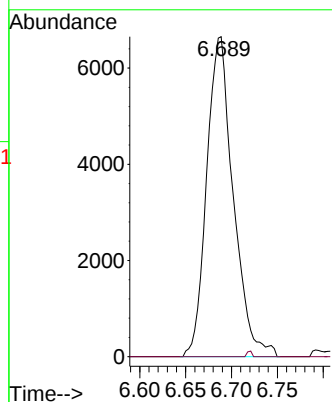
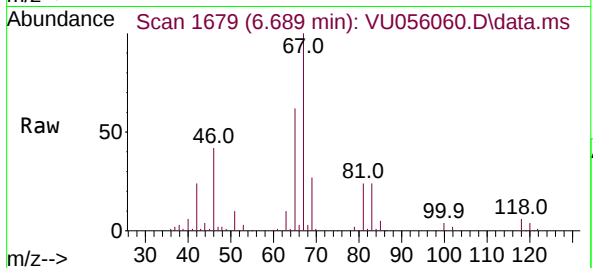
ClientSampleId :

Tgt Ion: 63 Resp: 13414

Ion Ratio Lower Upper

63 100

112 0.3 3.1 4.7#



#47

Tetrachloroethene

Concen: 6.558 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU056060.D

Acq: 02 Nov 2023 12:57

Tgt Ion:164 Resp: 91506

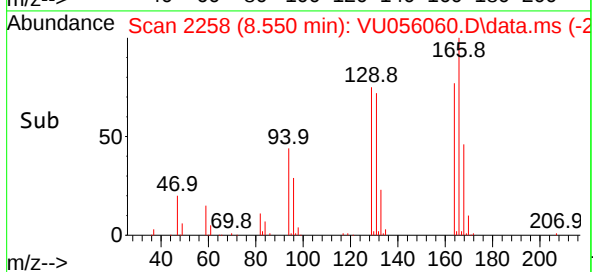
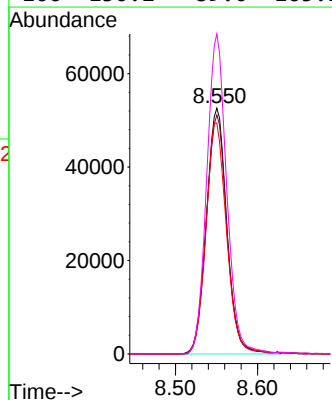
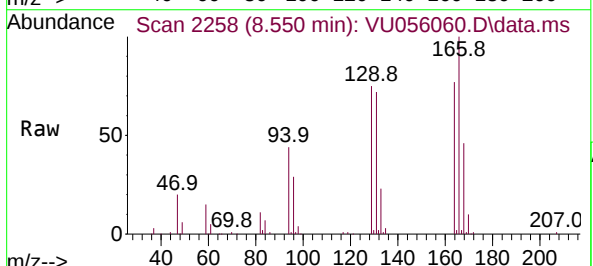
Ion Ratio Lower Upper

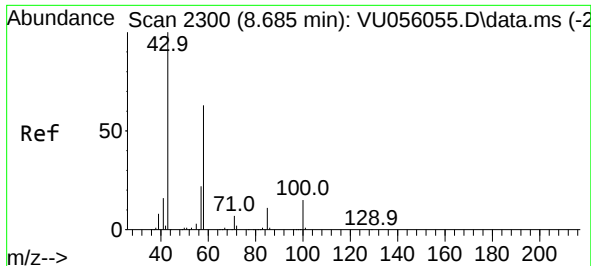
164 100

129 97.3 72.2 134.0

131 94.0 70.8 131.6

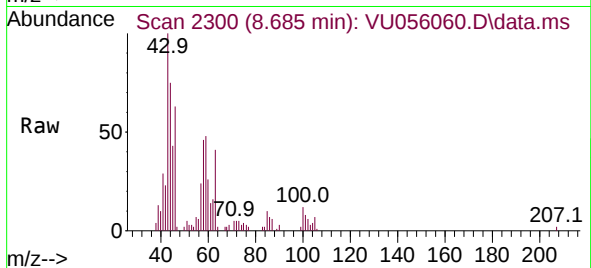
166 130.2 89.0 165.2



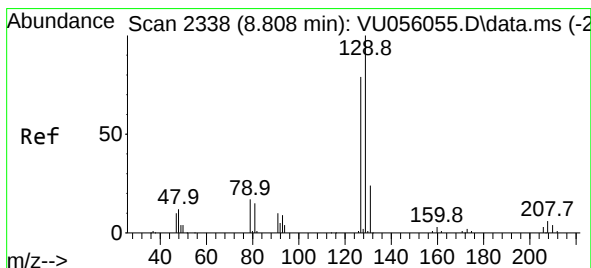
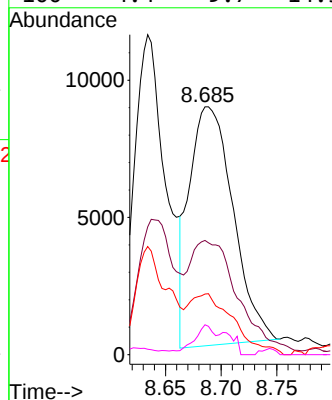
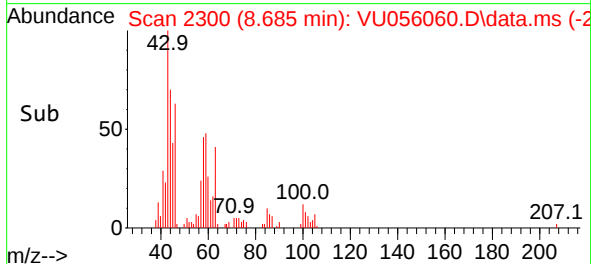


#48
2-Hexanone
Concen: 3.311 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056060.D
Acq: 02 Nov 2023 12:57

Instrument :
MSVOA_U
ClientSampleId :

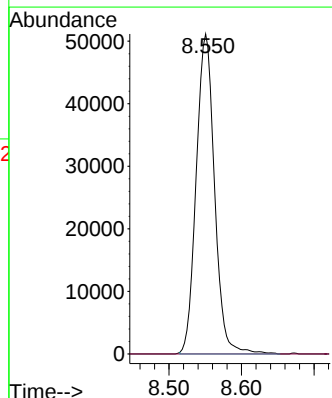
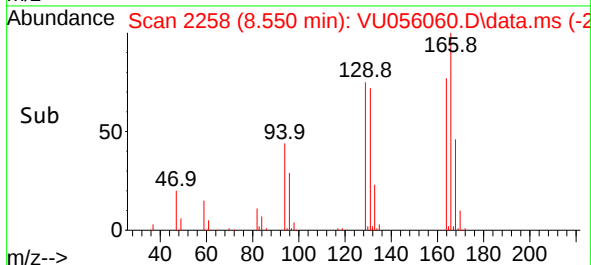
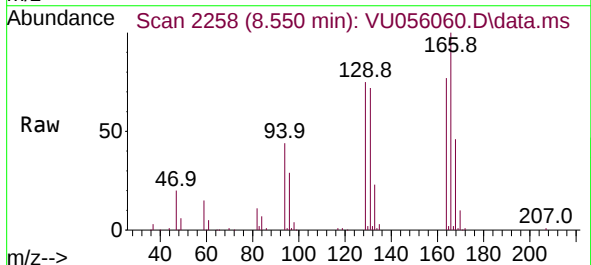


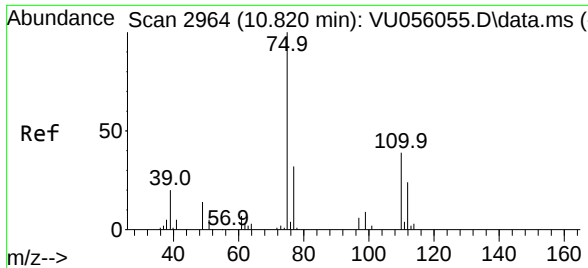
Tgt Ion: 43 Resp: 23735
Ion Ratio Lower Upper
43 100
58 50.9 49.5 74.3
57 25.9 16.9 25.3#
100 4.4 9.7 14.5#



#49
Dibromochloromethane
Concen: 6.156 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.257 min
Lab File: VU056060.D
Acq: 02 Nov 2023 12:57

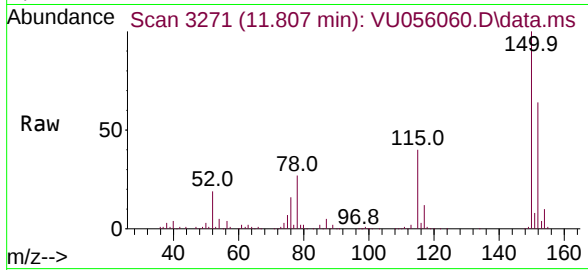
Tgt Ion: 129 Resp: 89860
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
1,2,3-Trichloropropane
Concen: 1.699 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU056060.D
Acq: 02 Nov 2023 12:57

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	16533
Ion	Ratio	Lower	Upper
75	100		
110	1.6	29.0	43.6#
77	32.1	24.5	36.7

