

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103123\
 Data File : VU056027.D
 Acq On : 31 Oct 2023 20:57
 Operator : MD/SY
 Sample : 05114-18 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 01 01:13:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 01 01:09:14 2023
 Response via : Initial Calibration

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

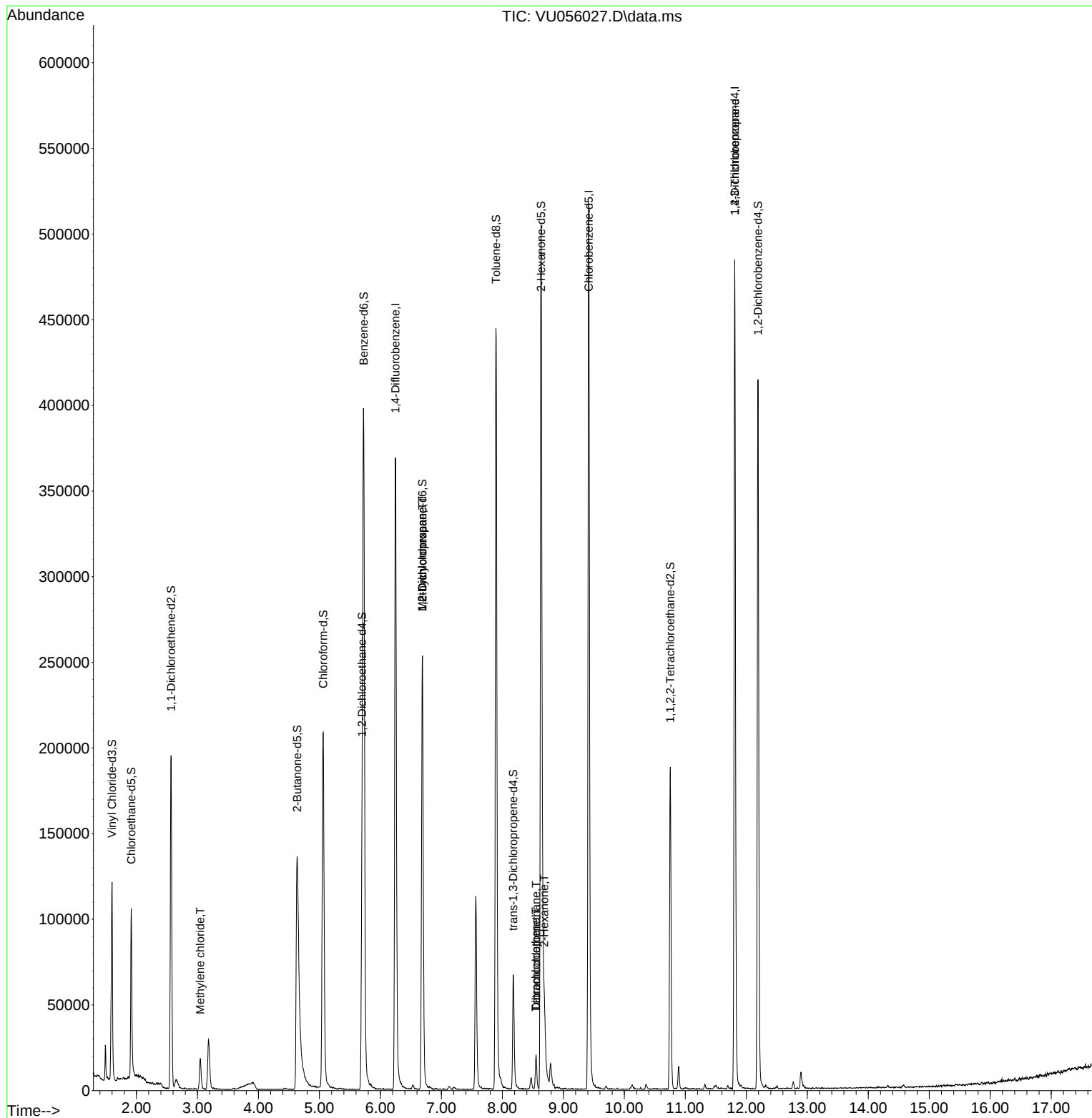
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	324241	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	316574	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	136433	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	79815	3.112	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.200%
7) Chloroethane-d5	1.914	69	77092	3.856	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.200%
11) 1,1-Dichloroethene-d2	2.567	65	36514	3.353	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	4.634	46	239859	52.420	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.840%
24) Chloroform-d	5.062	84	205078	4.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.698	65	101196	4.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.724	84	398250	4.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.689	67	128694	4.604	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.894	98	323403	3.780	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	8.177	79	42761	3.911	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.634	63	179823	64.791	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.580%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	98098	4.819	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	117929	4.633	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.046	84	9457	0.531	ug/L	95
35) Methylcyclohexane	6.689	83	30046	1.139	ug/L #	19
37) 1,2-Dichloropropane	6.689	63	13686	0.738	ug/L #	91
47) Tetrachloroethene	8.550	164	4184	0.306	ug/L	93
48) 2-Hexanone	8.685	43	19282	2.742	ug/L	92
49) Dibromochloromethane	8.554	129	4598	0.321	ug/L #	11
61) 1,2,3-Trichloropropane	11.811	75	16294	1.740	ug/L #	65

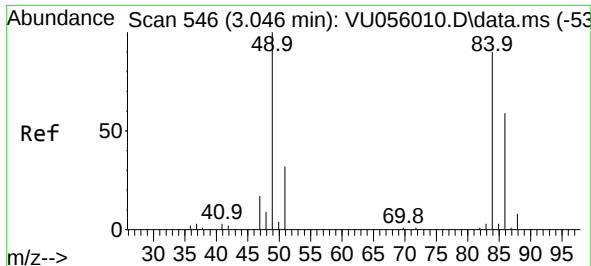
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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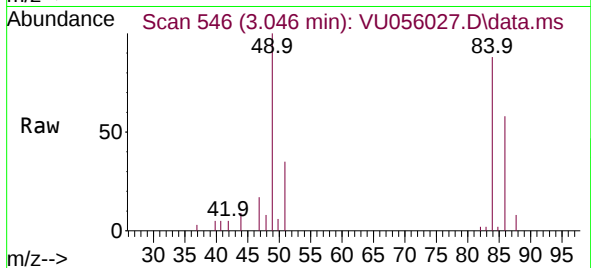
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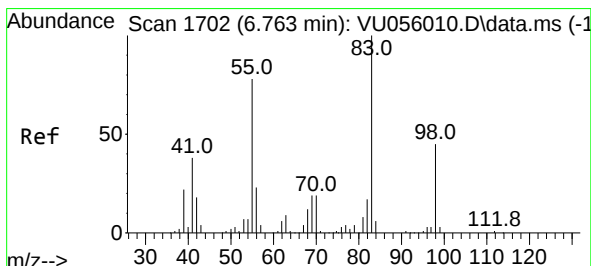
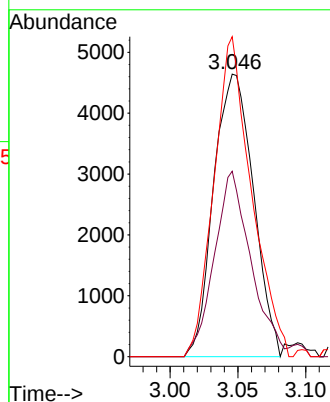
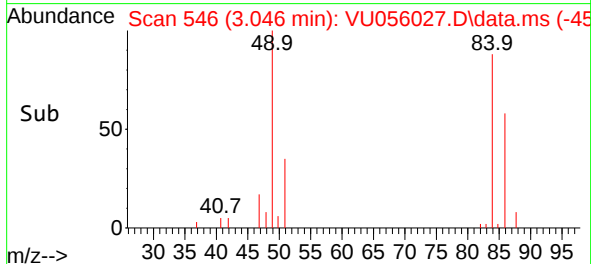


#16
Methylene chloride
Concen: 0.531 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU056027.D
Acq: 31 Oct 2023 20:57

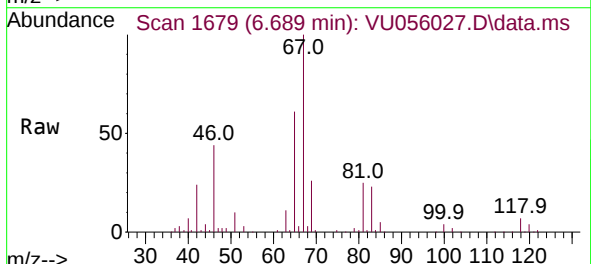
Instrument :
MSVOA_U
ClientSampleId :



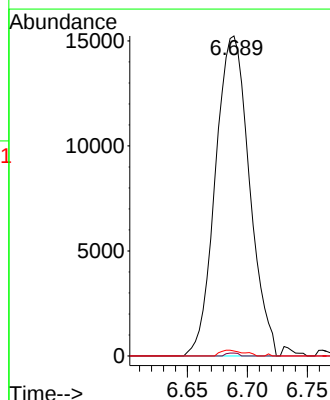
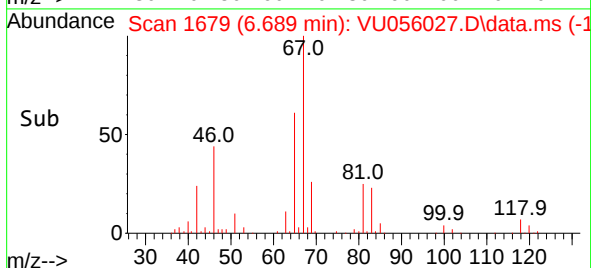
Tgt Ion: 84 Resp: 9457
Ion Ratio Lower Upper
84 100
86 65.6 45.2 84.0
49 120.2 78.8 146.3

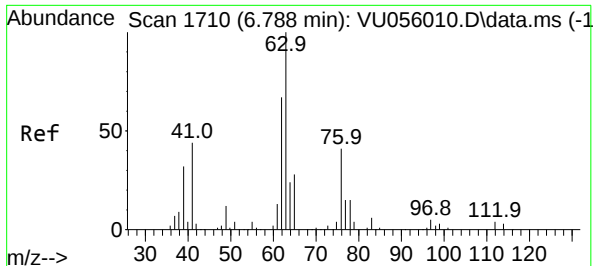


#35
Methylcyclohexane
Concen: 1.139 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU056027.D
Acq: 31 Oct 2023 20:57



Tgt Ion: 83 Resp: 30046
Ion Ratio Lower Upper
83 100
55 0.3 62.4 93.6#
98 1.2 37.4 56.2#





#37

1,2-Dichloropropane

Concen: 0.738 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056027.D

Acq: 31 Oct 2023 20:57

Instrument :

MSVOA_U

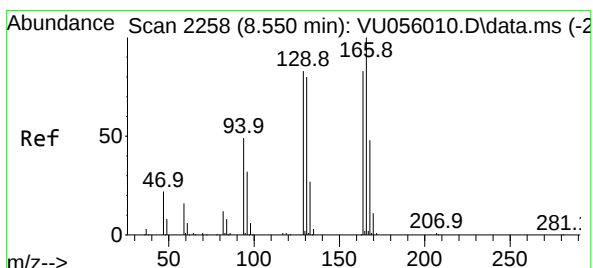
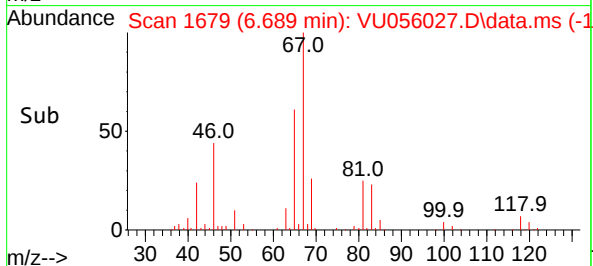
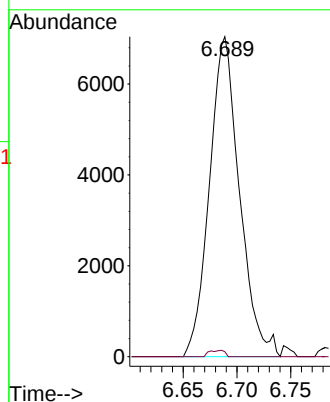
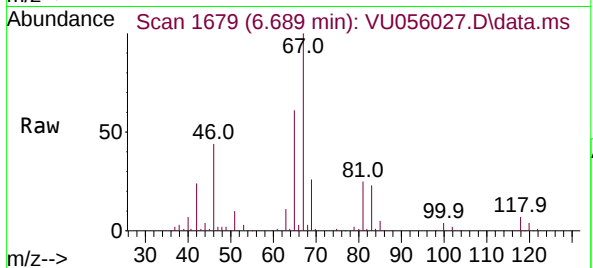
ClientSampleId :

Tgt Ion: 63 Resp: 13686

Ion Ratio Lower Upper

63 100

112 1.0 3.1 4.7#



#47

Tetrachloroethene

Concen: 0.306 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU056027.D

Acq: 31 Oct 2023 20:57

Tgt Ion:164 Resp: 4184

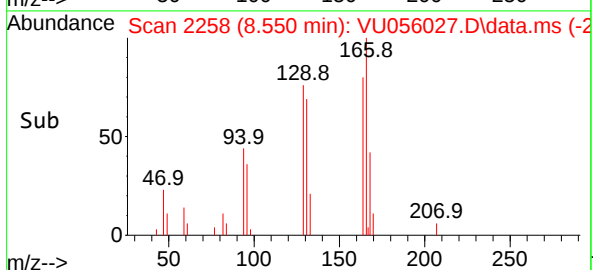
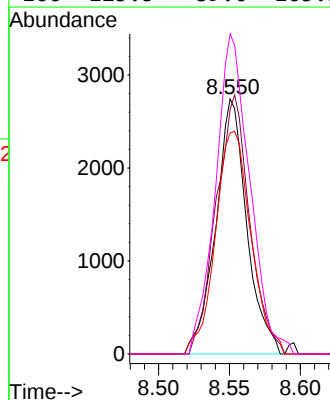
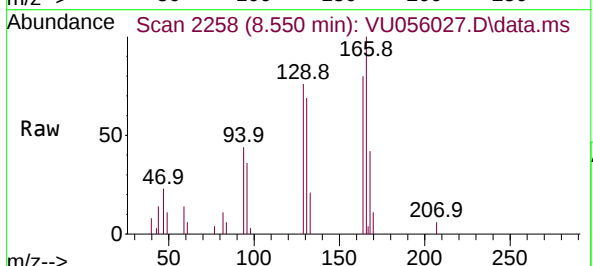
Ion Ratio Lower Upper

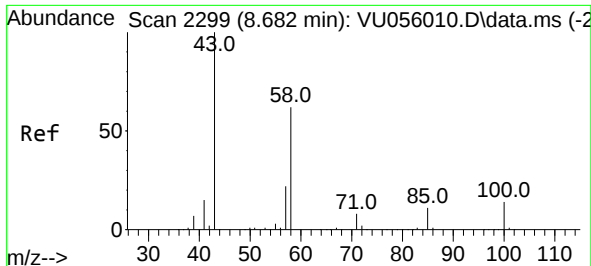
164 100

129 96.0 72.2 134.0

131 86.7 70.8 131.6

166 125.5 89.0 165.2

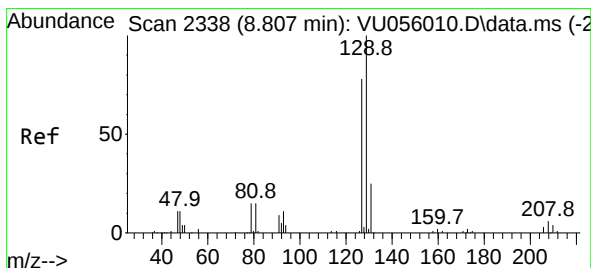
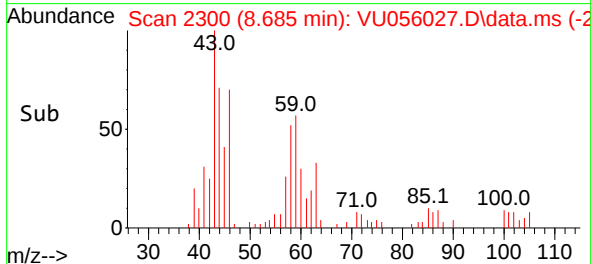
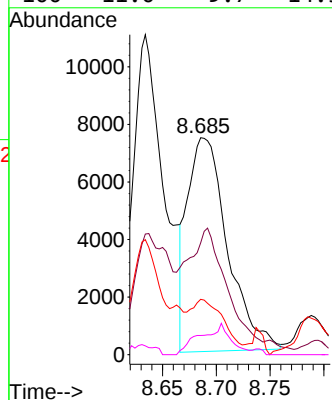
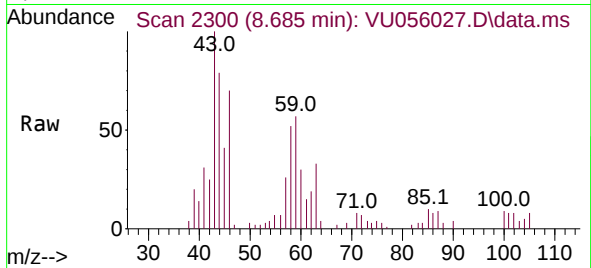




#48
2-Hexanone
Concen: 2.742 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056027.D
Acq: 31 Oct 2023 20:57

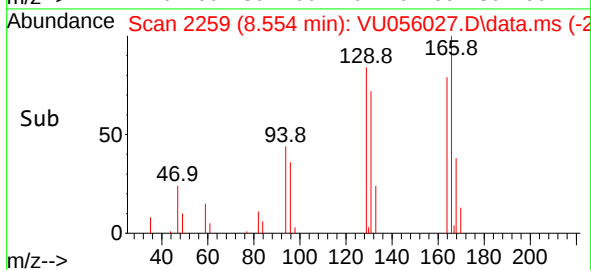
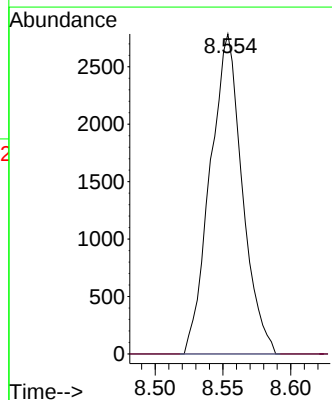
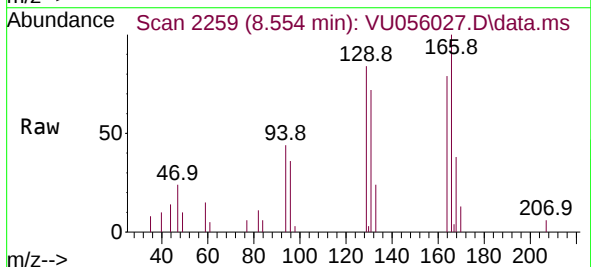
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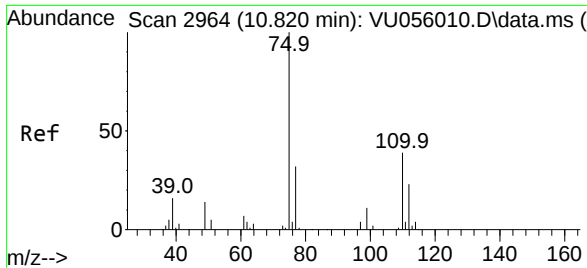
Tgt Ion: 43 Resp: 19282
Ion Ratio Lower Upper
43 100
58 53.0 49.5 74.3
57 20.9 16.9 25.3
100 11.0 9.7 14.5



#49
Dibromochloromethane
Concen: 0.321 ug/L
RT: 8.554 min Scan# 2259
Delta R.T. -0.254 min
Lab File: VU056027.D
Acq: 31 Oct 2023 20:57

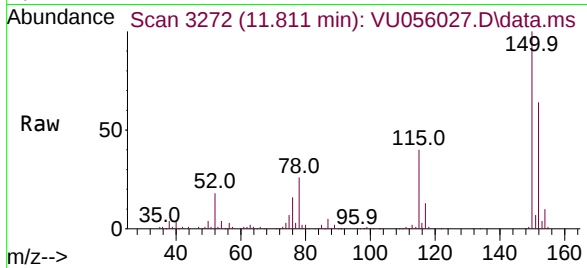
Tgt Ion: 129 Resp: 4598
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.740 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056027.D
 Acq: 31 Oct 2023 20:57

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 16294
 Ion Ratio Lower Upper
 75 100
 110 2.7 29.0 43.6#
 77 35.6 24.5 36.7

