

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061523\
 Data File : VU054542.D
 Acq On : 15 Jun 2023 22:43
 Operator : MD/SY
 Sample : 03253-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYX2

Quant Time: Jun 16 02:43:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 14 00:05:43 2023
 Response via : Initial Calibration

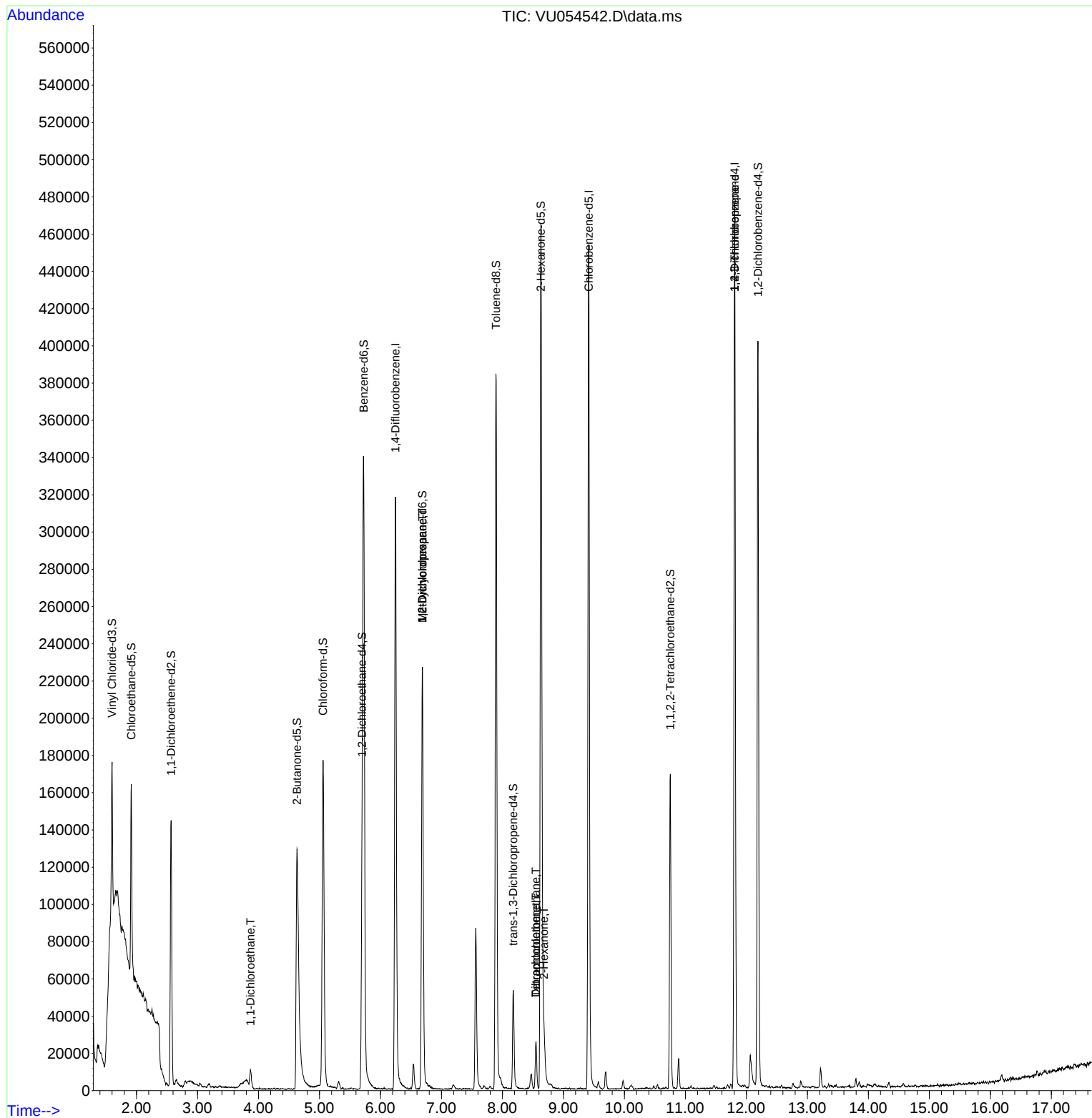
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	265417	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	263319	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	128310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	59858	3.544	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.914	69	74793	4.729	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.566	65	28635	3.796	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	4.631	46	237132	49.931	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.860%
24) Chloroform-d	5.058	84	169795	4.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.698	65	83976	4.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.724	84	323720	4.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.688	67	115693	4.733	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.894	98	263219	4.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	8.177	79	31904	3.753	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.630	63	164102	46.014	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.020%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	85960	4.716	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	107983	4.989	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.869	63	11482	0.279	ug/L	98
35) Methylcyclohexane	6.688	83	25277	0.668	ug/L #	16
37) 1,2-Dichloropropane	6.688	63	12354	0.483	ug/L #	89
47) Tetrachloroethene	8.550	164	6133	0.320	ug/L	95
48) 2-Hexanone	8.682	43	10807	1.062	ug/L	94
49) Dibromochloromethane	8.550	129	5629	0.329	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	15646	1.207	ug/L #	69

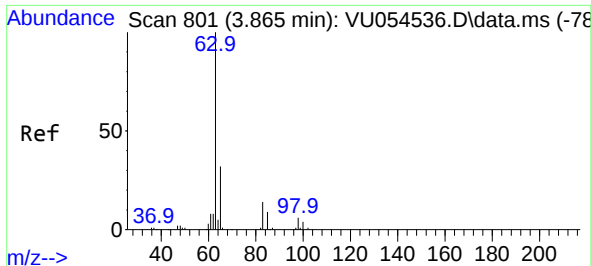
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.279 ug/L

RT: 3.869 min Scan# 801

Delta R.T. 0.003 min

Lab File: VU054542.D

Acq: 15 Jun 2023 22:43

Instrument :

MSVOA_U

ClientSampleId :

EXYX2

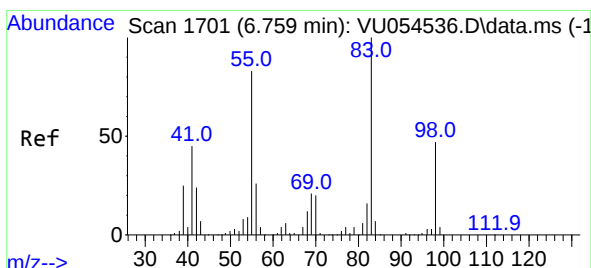
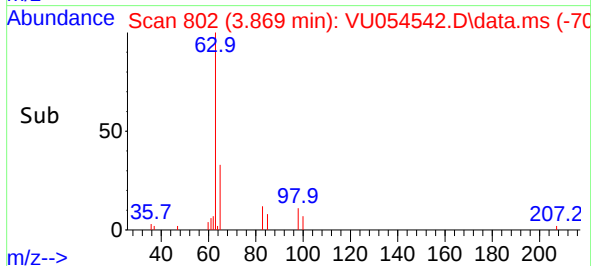
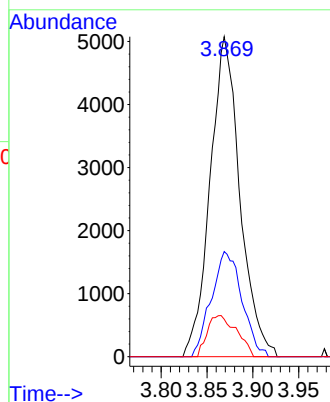
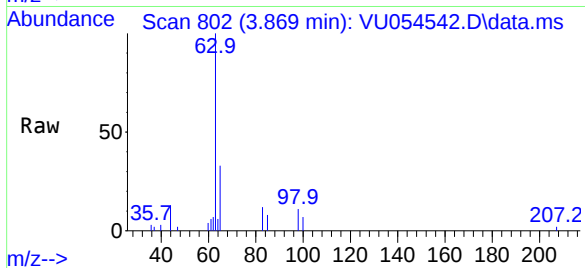
Tgt Ion: 63 Resp: 11482

Ion Ratio Lower Upper

63 100

65 32.9 22.2 41.2

83 11.7 9.0 16.6



#35

Methylcyclohexane

Concen: 0.668 ug/L

RT: 6.688 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU054542.D

Acq: 15 Jun 2023 22:43

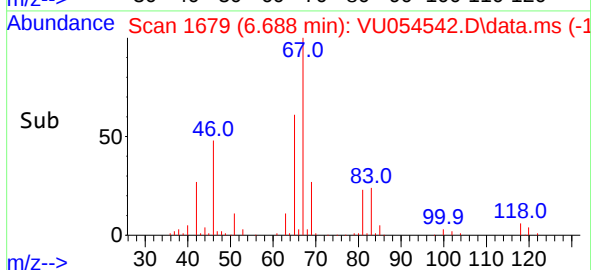
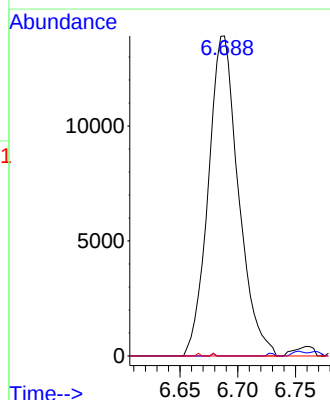
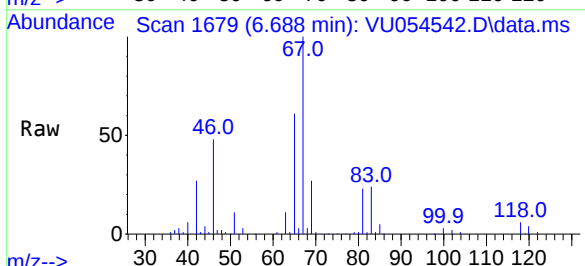
Tgt Ion: 83 Resp: 25277

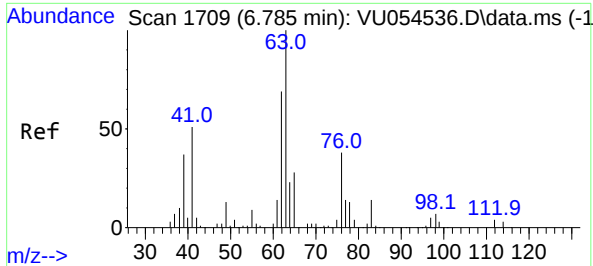
Ion Ratio Lower Upper

83 100

55 0.1 67.1 100.7#

98 0.1 35.1 52.7#

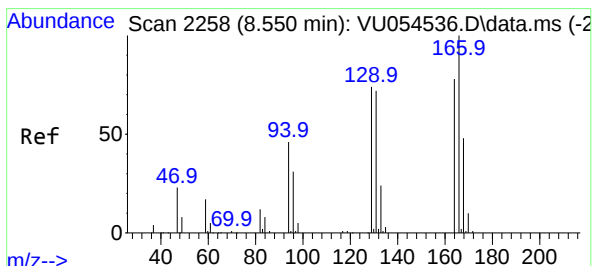
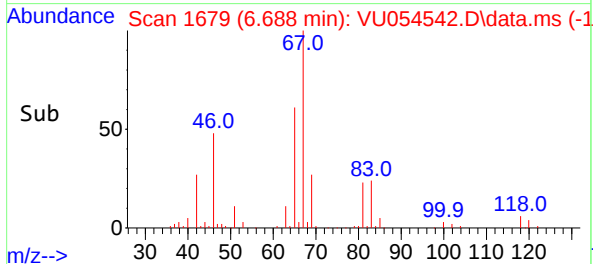
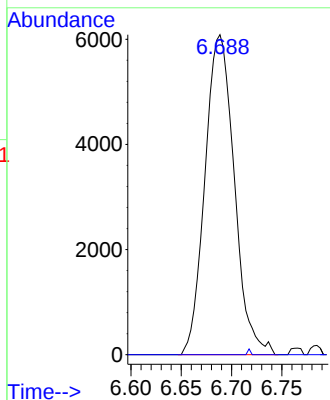
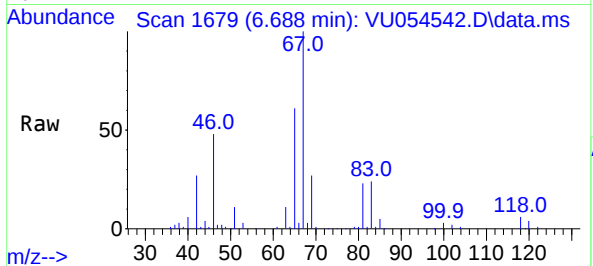




#37
1,2-Dichloropropane
Concen: 0.483 ug/L
RT: 6.688 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU054542.D
Acq: 15 Jun 2023 22:43

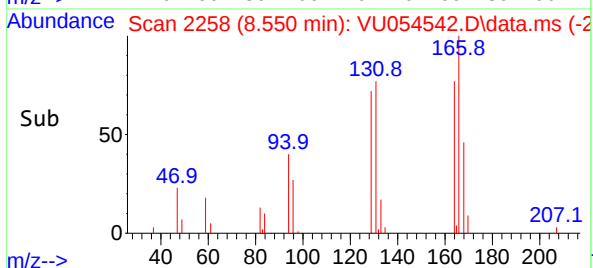
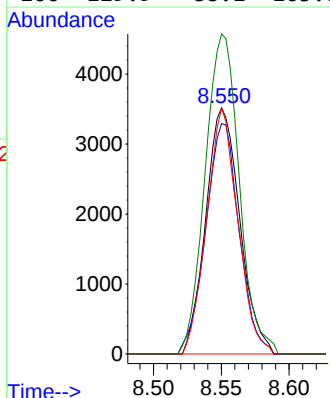
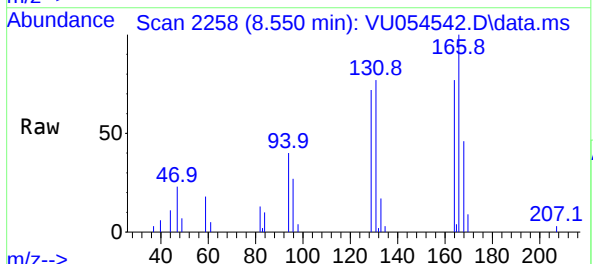
Instrument :
MSVOA_U
ClientSampleId :
EXYX2

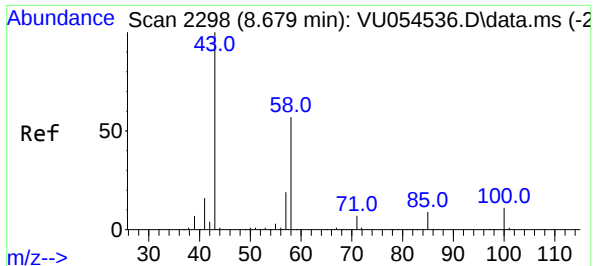
Tgt Ion: 63 Resp: 12354
Ion Ratio Lower Upper
63 100
112 0.2 3.0 4.6#



#47
Tetrachloroethene
Concen: 0.320 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU054542.D
Acq: 15 Jun 2023 22:43

Tgt Ion:164 Resp: 6133
Ion Ratio Lower Upper
164 100
129 93.6 67.7 125.7
131 99.9 64.6 120.0
166 129.9 88.1 163.7



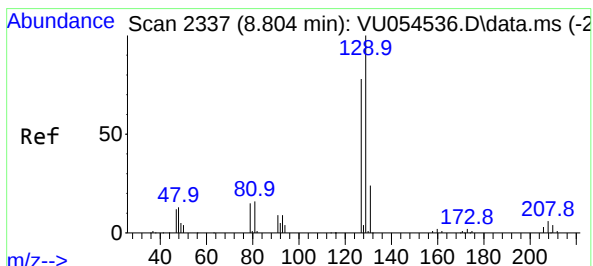
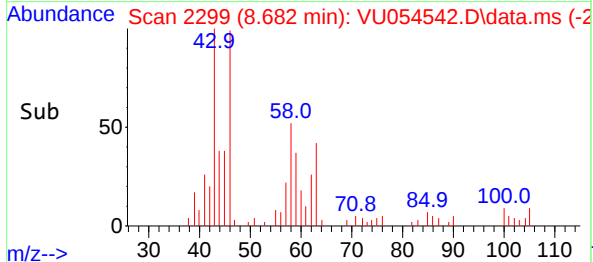
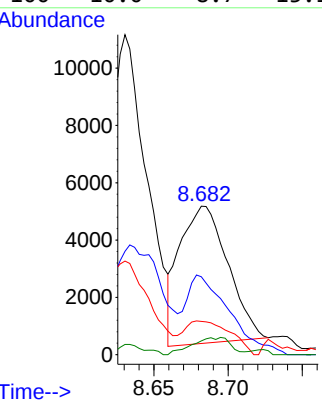
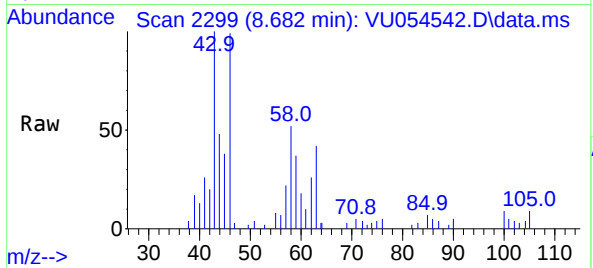


#48
2-Hexanone
Concen: 1.062 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054542.D
Acq: 15 Jun 2023 22:43

Instrument :
MSVOA_U
ClientSampleId :
EXYX2

Tgt Ion: 43 Resp: 10807

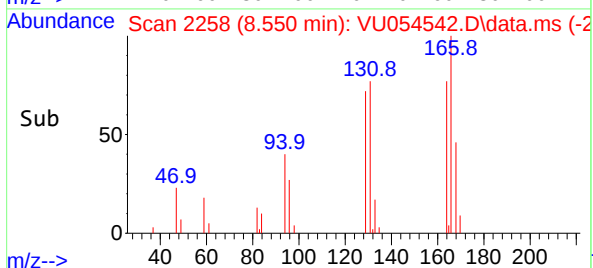
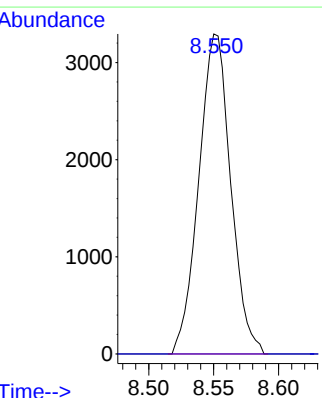
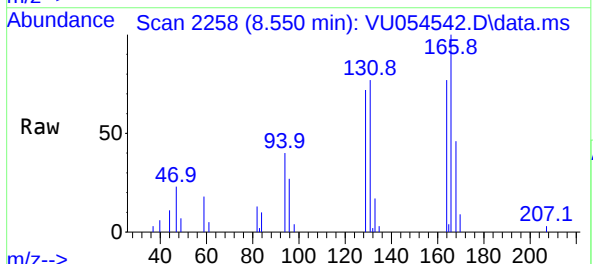
Ion	Ratio	Lower	Upper
43	100		
58	52.4	45.2	67.8
57	23.3	15.8	23.6
100	10.0	8.7	13.1

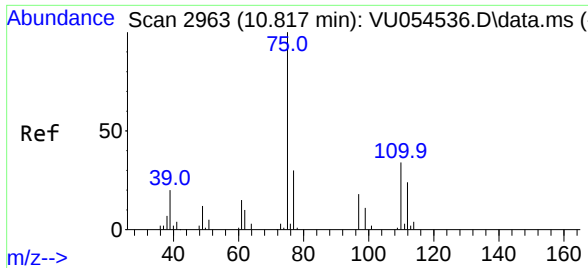


#49
Dibromochloromethane
Concen: 0.329 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU054542.D
Acq: 15 Jun 2023 22:43

Tgt Ion: 129 Resp: 5629

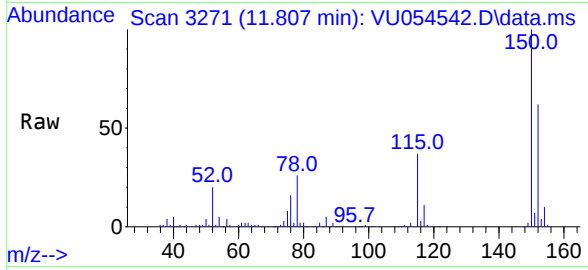
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.2	98.8#





#61
1,2,3-Trichloropropane
Concen: 1.207 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU054542.D
Acq: 15 Jun 2023 22:43

Instrument :
MSVOA_U
ClientSampleId :
EXYX2



Tgt Ion: 75 Resp: 15646
Ion Ratio Lower Upper
75 100
110 2.1 28.0 42.0#
77 30.3 25.4 38.2

