

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042623\
 Data File : VU053912.D
 Acq On : 26 Apr 2023 14:31
 Operator : JC/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK160

Quant Time: Apr 27 05:55:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 27 05:52:18 2023
 Response via : Initial Calibration

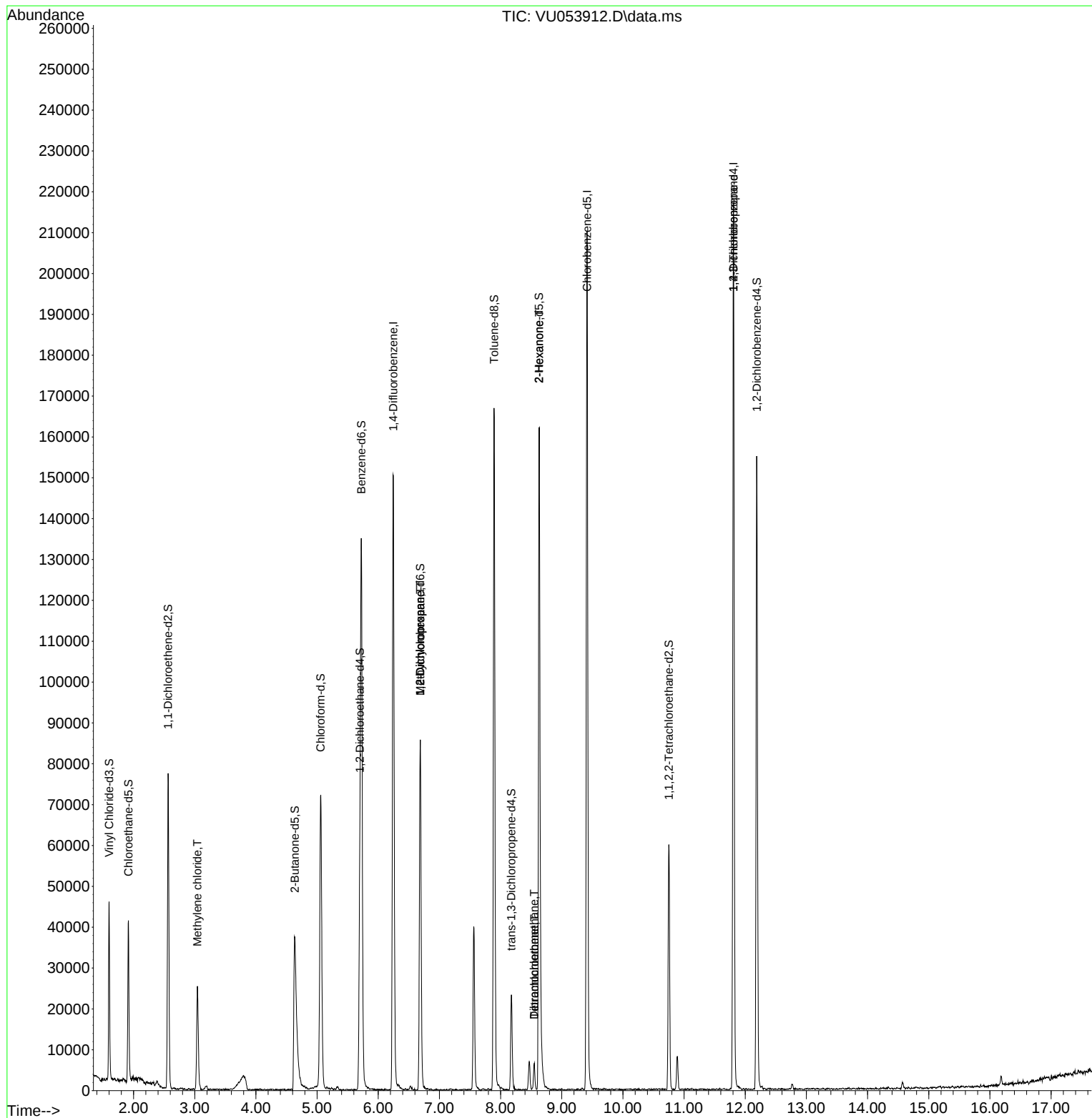
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	130918	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	127118	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	60583	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	33073	4.147	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.916	69	29151	4.356	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.565	65	13684	4.170	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	4.636	46	72168	49.413	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.820%
24) Chloroform-d	5.057	84	71410	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.700	65	32929	4.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.722	84	137203	4.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.687	67	43197	4.768	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.893	98	118128	4.227	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.176	79	14616	4.102	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.629	63	60103	47.666	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.340%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	30934	4.225	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	43577	4.485	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
16) Methylene chloride	3.041	84	13517	1.203	ug/L	92
35) Methylcyclohexane	6.687	83	10430	0.692	ug/L #	21
37) 1,2-Dichloropropane	6.687	63	4948	0.557	ug/L #	87
47) Tetrachloroethene	8.552	164	1318	0.170	ug/L	83
48) 2-Hexanone	8.632	43	6828	2.240	ug/L #	70
49) Dibromochloromethane	8.549	129	1623	0.230	ug/L #	10
61) 1,2,3-Trichloropropane	11.806	75	6703	1.435	ug/L #	66

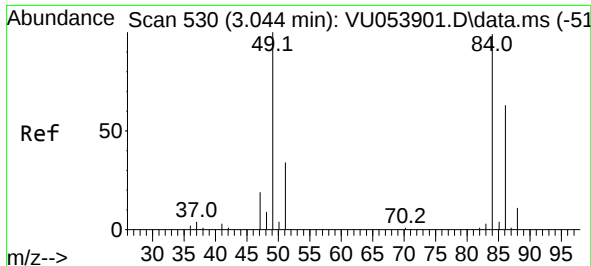
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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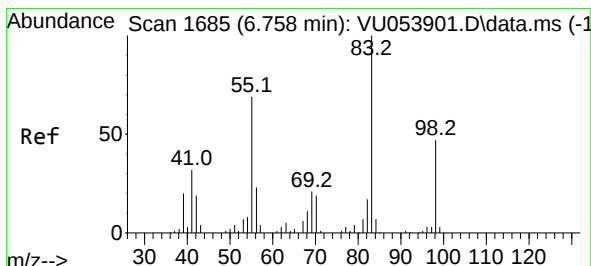
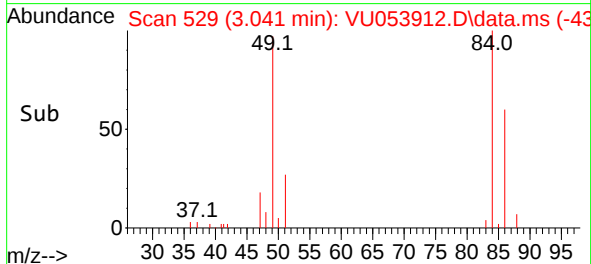
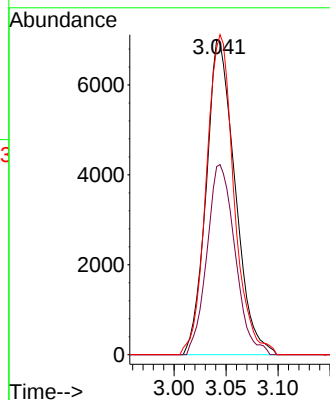
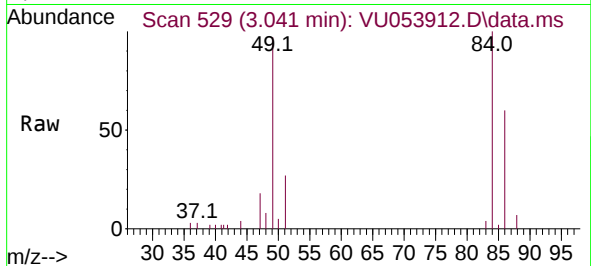




#16
Methylene chloride
Concen: 1.203 ug/L
RT: 3.041 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU053912.D
Acq: 26 Apr 2023 14:31

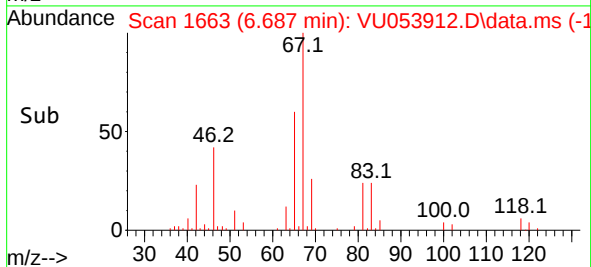
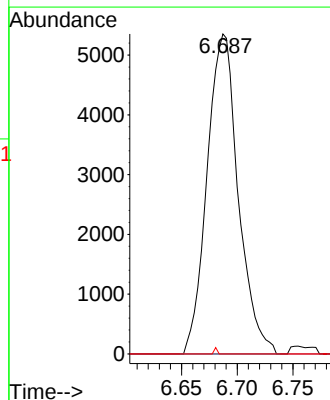
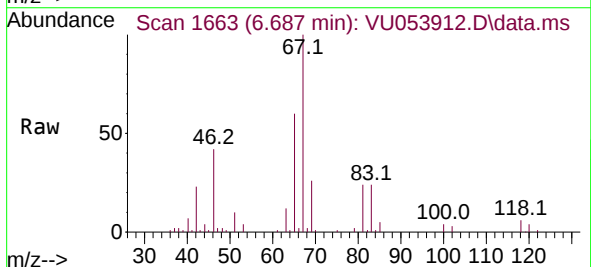
Instrument :
MSVOA_U
ClientSampleId :
VIBLK160

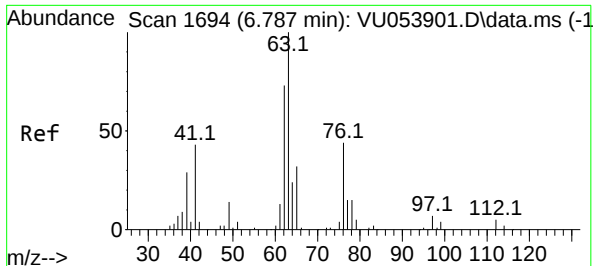
Tgt Ion: 84 Resp: 13517
Ion Ratio Lower Upper
84 100
86 59.7 45.0 83.6
49 97.5 74.8 138.8



#35
Methylcyclohexane
Concen: 0.692 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU053912.D
Acq: 26 Apr 2023 14:31

Tgt Ion: 83 Resp: 10430
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.2#
98 0.2 37.3 55.9#





#37

1,2-Dichloropropane

Concen: 0.557 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU053912.D

Acq: 26 Apr 2023 14:31

Instrument :

MSVOA_U

ClientSampleId :

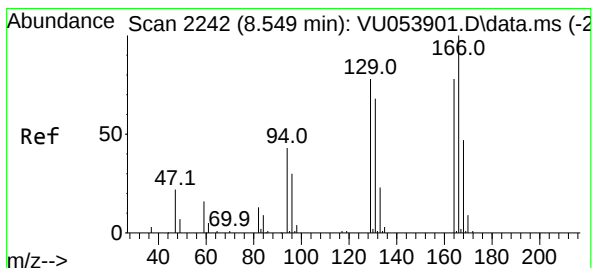
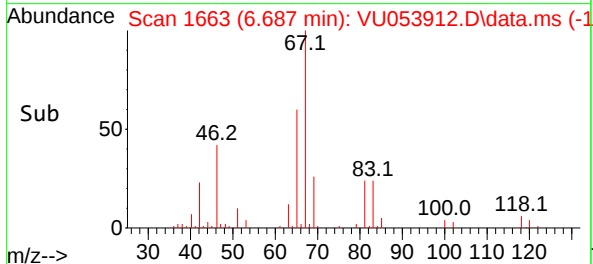
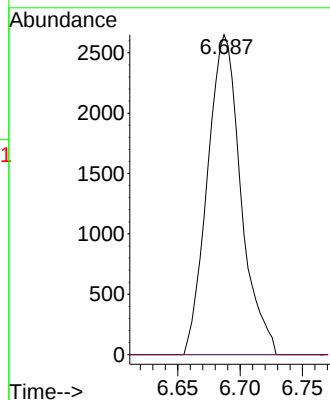
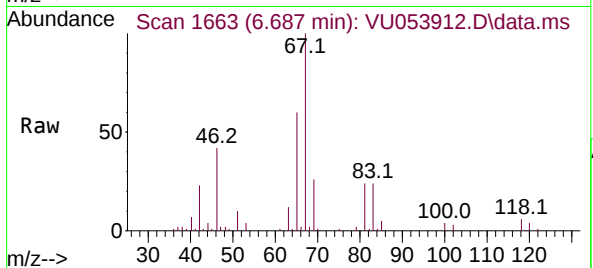
VIBLK160

Tgt Ion: 63 Resp: 4948

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#47

Tetrachloroethene

Concen: 0.170 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.003 min

Lab File: VU053912.D

Acq: 26 Apr 2023 14:31

Tgt Ion: 164 Resp: 1318

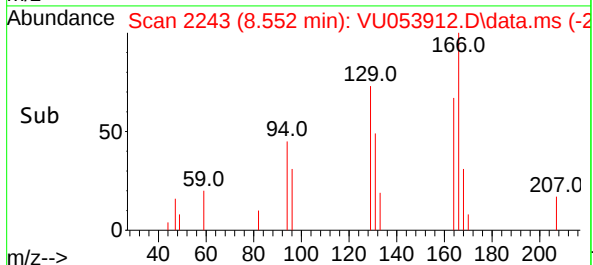
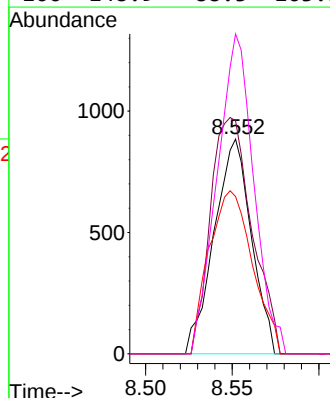
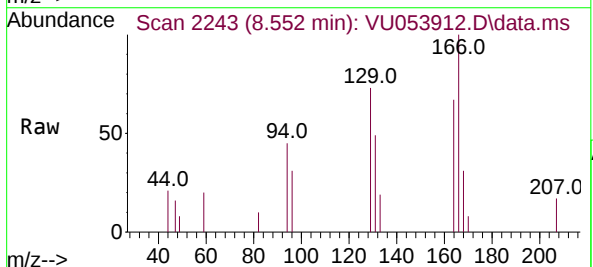
Ion Ratio Lower Upper

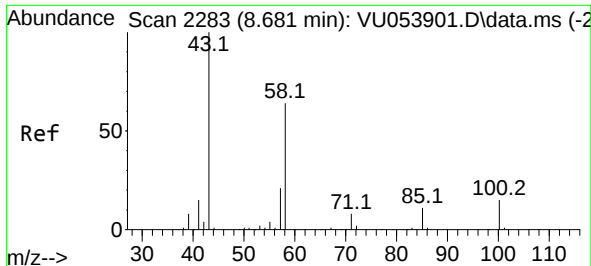
164 100

129 108.5 68.3 126.8

131 73.2 64.4 119.6

166 148.9 88.3 163.9

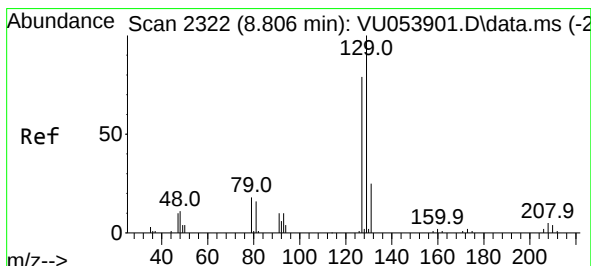
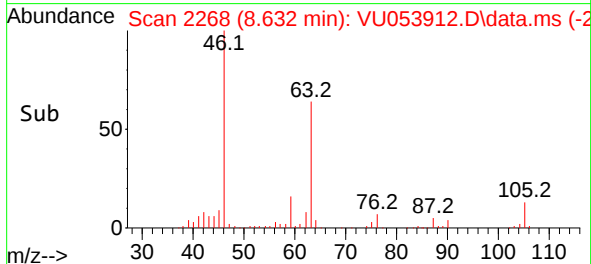
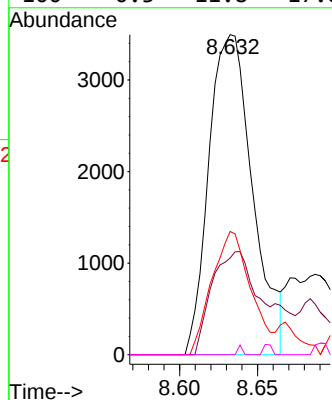
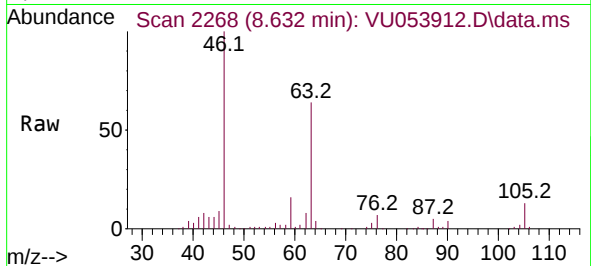




#48
2-Hexanone
Concen: 2.240 ug/L
RT: 8.632 min Scan# 21
Delta R.T. -0.048 min
Lab File: VU053912.D
Acq: 26 Apr 2023 14:31

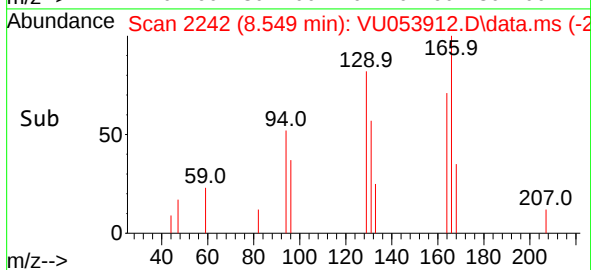
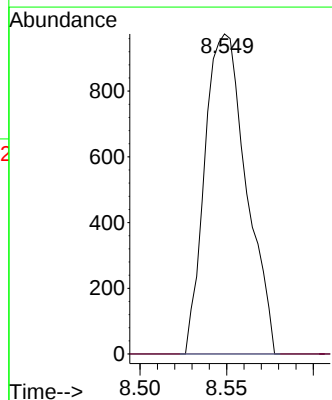
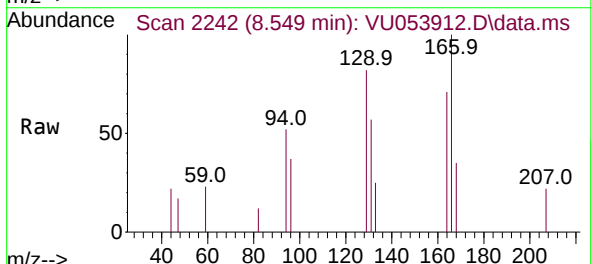
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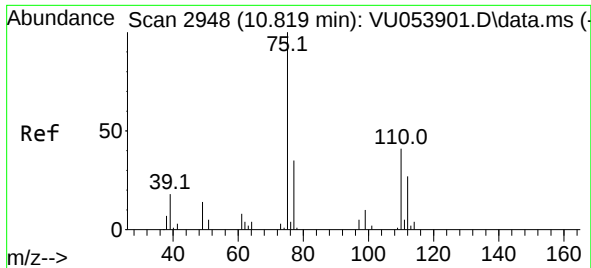
Tgt Ion: 43	Resp: 6828
Ion Ratio	Lower Upper
43 100	
58 40.1	49.8 74.6#
57 34.7	16.9 25.3#
100 0.3	11.8 17.8#



#49
Dibromochloromethane
Concen: 0.230 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU053912.D
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Tgt Ion:129	Resp:	1623	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.7	103.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.435 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU053912.D
 Acq: 26 Apr 2023 14:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK160

Tgt Ion: 75 Resp: 6703
 Ion Ratio Lower Upper
 75 100
 110 1.8 30.7 46.1#
 77 31.1 26.2 39.4

