

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042423\
 Data File : VU053860.D
 Acq On : 24 Apr 2023 22:33
 Operator : JC/MD
 Sample : 03433-04 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE40

Quant Time: Apr 25 05:06:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 25 05:01:02 2023
 Response via : Initial Calibration

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

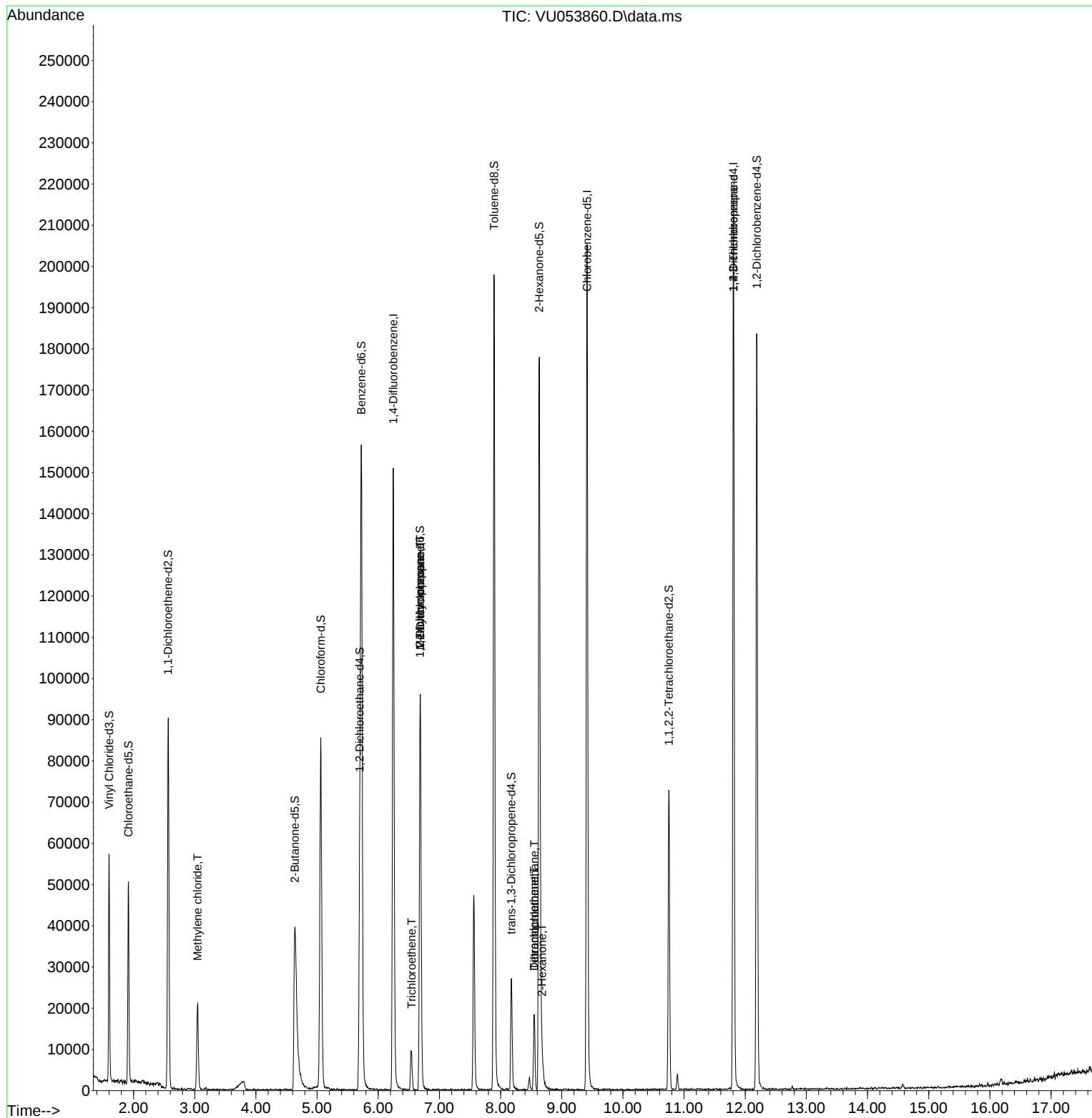
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	132653	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	125872	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	61484	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	40794	5.049	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.000%
7) Chloroethane-d5	1.916	69	35876	5.290	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.800%
11) 1,1-Dichloroethene-d2	2.565	65	16878	5.076	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.600%
20) 2-Butanone-d5	4.636	46	77370	52.281	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.560%
24) Chloroform-d	5.060	84	79525	5.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.697	65	37656	5.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	5.726	84	156995	5.294	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
36) 1,2-Dichloropropane-d6	6.684	67	49554	5.524	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.400%
41) Toluene-d8	7.893	98	141108	5.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	8.176	79	16998	4.818	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.632	63	66195	53.017	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.040%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	36496	5.034	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	51404	5.213	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.044	84	11144	0.979	ug/L	95
34) Trichloroethene	6.546	95	3692	0.382	ug/L	90
35) Methylcyclohexane	6.687	83	11306	0.757	ug/L #	21
37) 1,2-Dichloropropane	6.687	63	4991	0.567	ug/L #	87
47) Tetrachloroethene	8.549	164	4505	0.588	ug/L	89
48) 2-Hexanone	8.677	43	2753	0.912	ug/L #	77
49) Dibromochloromethane	8.552	129	4206	0.602	ug/L #	10
61) 1,2,3-Trichloropropane	11.806	75	6861	1.447	ug/L #	66

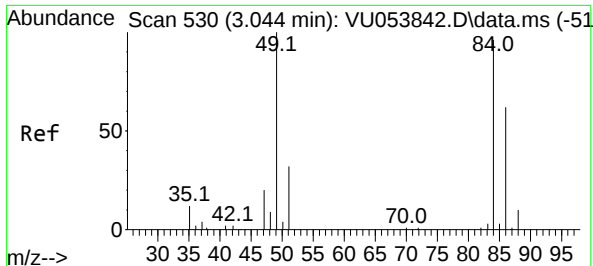
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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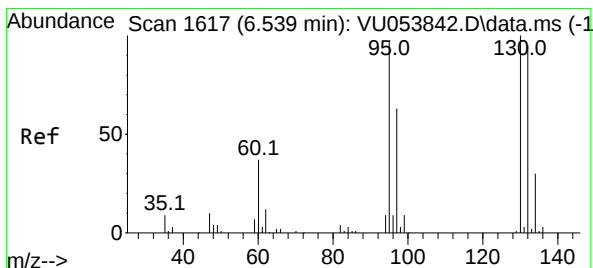
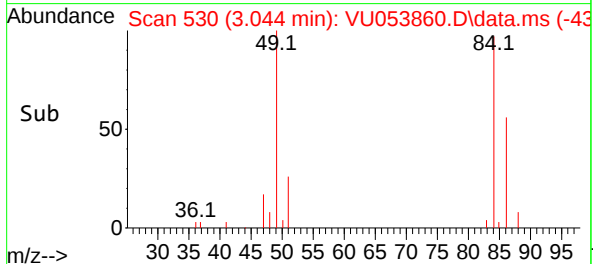
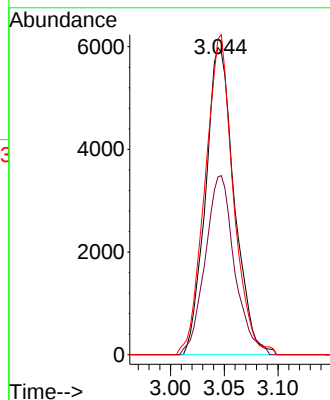
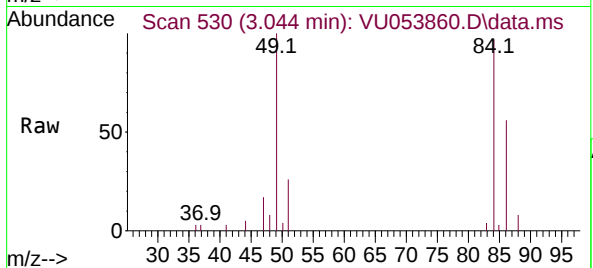




#16
Methylene chloride
Concen: 0.979 ug/L
RT: 3.044 min Scan# 511
Delta R.T. -0.000 min
Lab File: VU053860.D
Acq: 24 Apr 2023 22:33

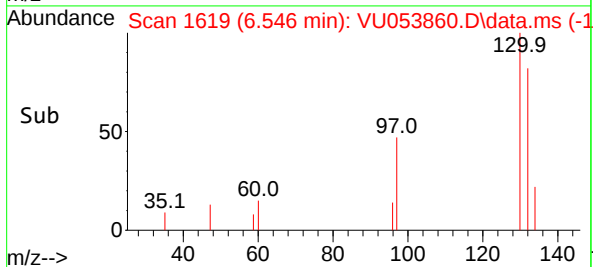
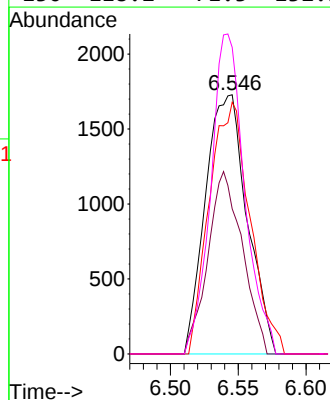
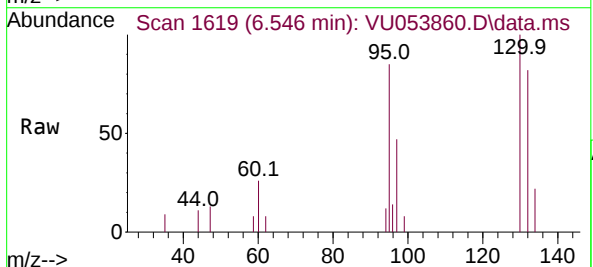
Instrument :
MSVOA_U
ClientSampleId :
BHE40

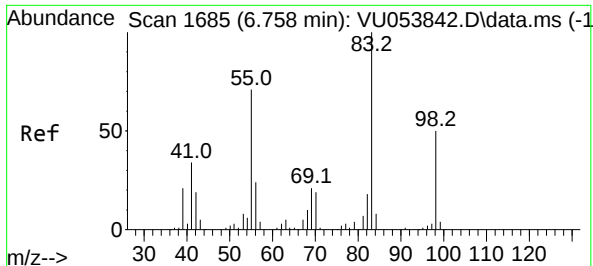
Tgt Ion: 84	Resp: 11144
Ion Ratio	Lower Upper
84 100	
86 57.9	45.0 83.6
49 102.8	74.8 138.8



#34
Trichloroethene
Concen: 0.382 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VU053860.D
Acq: 24 Apr 2023 22:33

Tgt Ion: 95	Resp: 3692
Ion Ratio	Lower Upper
95 100	
97 56.0	45.1 83.9
132 97.1	69.9 129.9
130 118.2	71.3 132.3

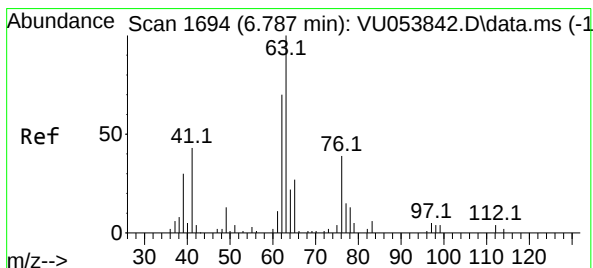
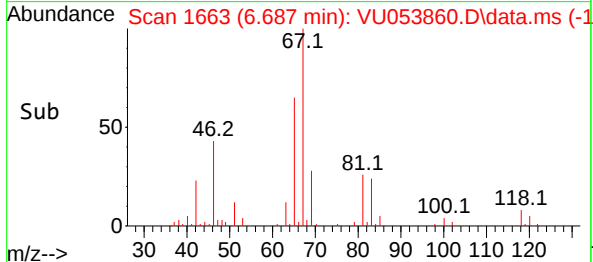
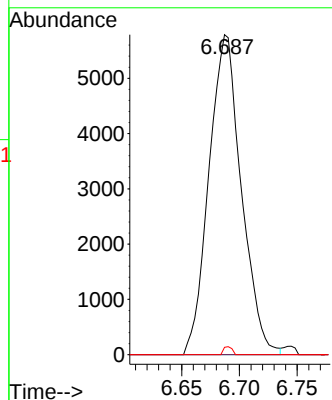
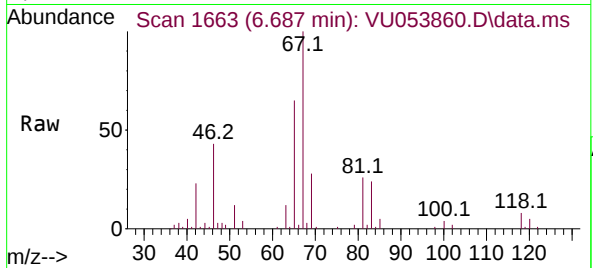




#35
Methylcyclohexane
Concen: 0.757 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU053860.D
Acq: 24 Apr 2023 22:33

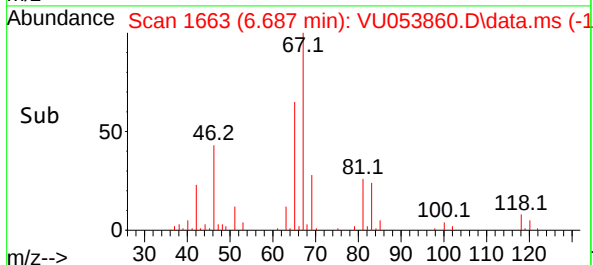
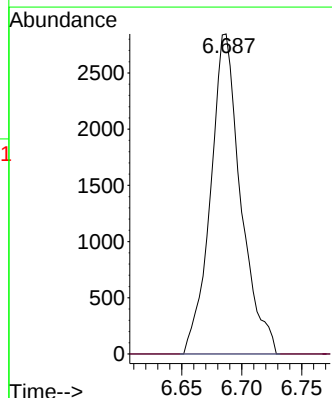
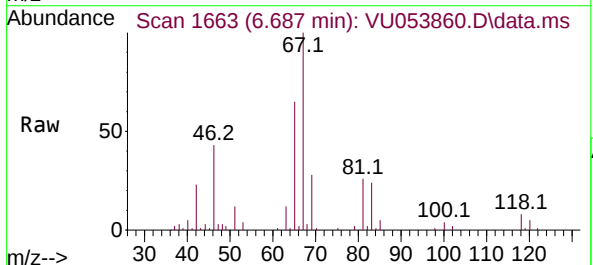
Instrument :
MSVOA_U
ClientSampleId :
BHE40

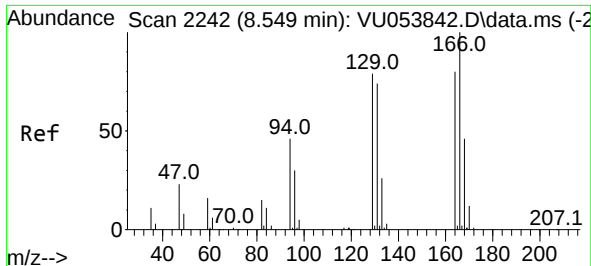
Tgt Ion: 83 Resp: 11306
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.2#
98 0.7 37.3 55.9#



#37
1,2-Dichloropropane
Concen: 0.567 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU053860.D
Acq: 24 Apr 2023 22:33

Tgt Ion: 63 Resp: 4991
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



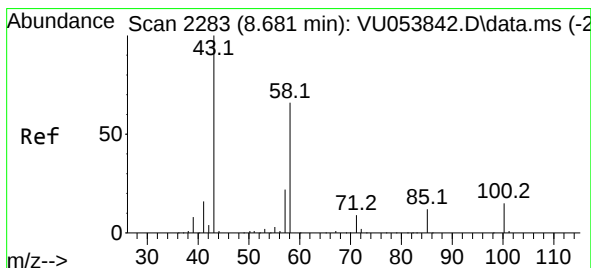
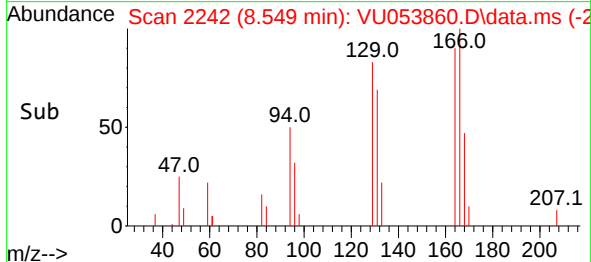
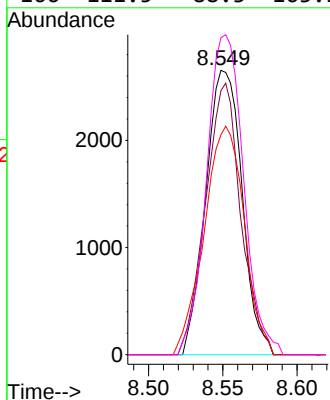
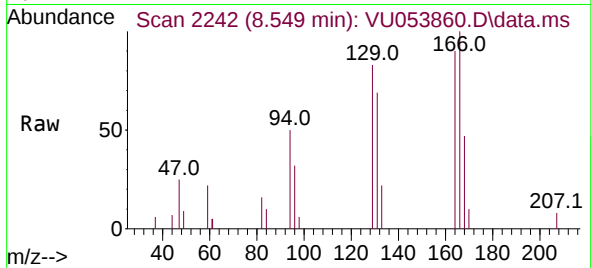


#47
Tetrachloroethene
Concen: 0.588 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053860.D
Acq: 24 Apr 2023 22:33

Instrument :
MSVOA_U
ClientSampleId :
BHE40

Tgt Ion:164 Resp: 4505

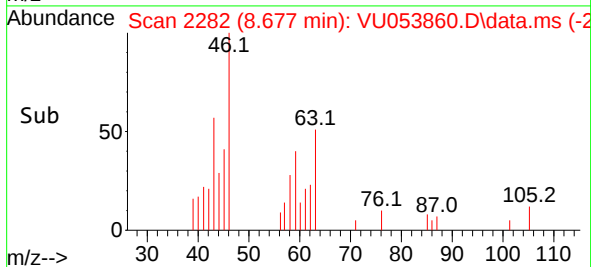
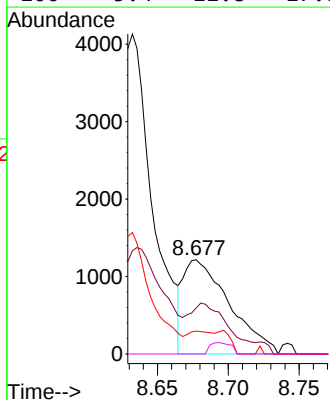
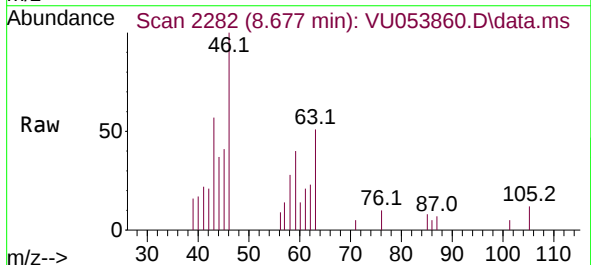
Ion	Ratio	Lower	Upper
164	100		
129	92.9	68.3	126.8
131	77.3	64.4	119.6
166	111.5	88.3	163.9

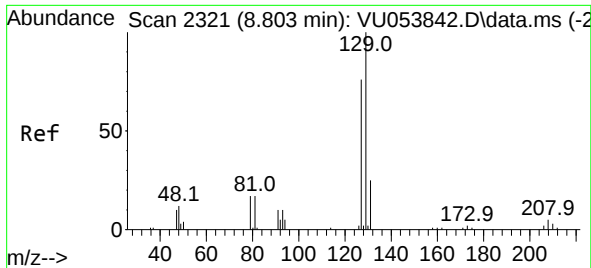


#48
2-Hexanone
Concen: 0.912 ug/L
RT: 8.677 min Scan# 2282
Delta R.T. -0.003 min
Lab File: VU053860.D
Acq: 24 Apr 2023 22:33

Tgt Ion: 43 Resp: 2753

Ion	Ratio	Lower	Upper
43	100		
58	48.9	49.8	74.6#
57	3.2	16.9	25.3#
100	5.4	11.8	17.8#

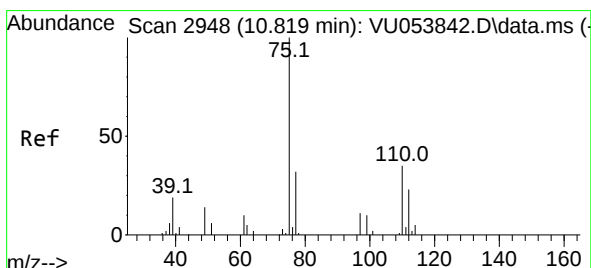
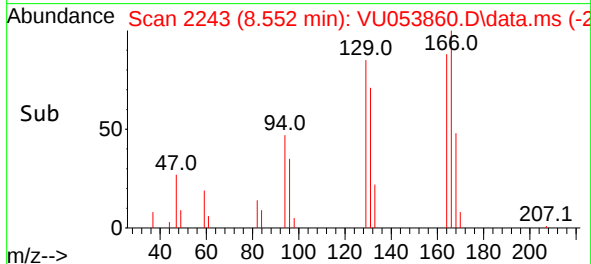
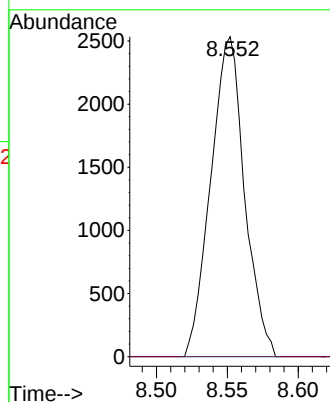
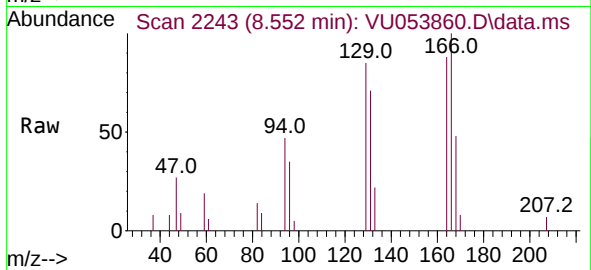




#49
Dibromochloromethane
Concen: 0.602 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.251 min
Lab File: VU053860.D
Acq: 24 Apr 2023 22:33

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:129 Resp: 4206
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#



#61
1,2,3-Trichloropropane
Concen: 1.447 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU053860.D
Acq: 24 Apr 2023 22:33

Tgt Ion: 75 Resp: 6861
Ion Ratio Lower Upper
75 100
110 1.1 30.7 46.1#
77 33.4 26.2 39.4

