

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042623\
 Data File : VU053904.D
 Acq On : 26 Apr 2023 11:21
 Operator : JC/MD
 Sample : 02433-13 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE48

Quant Time: Apr 27 05:53:42 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)

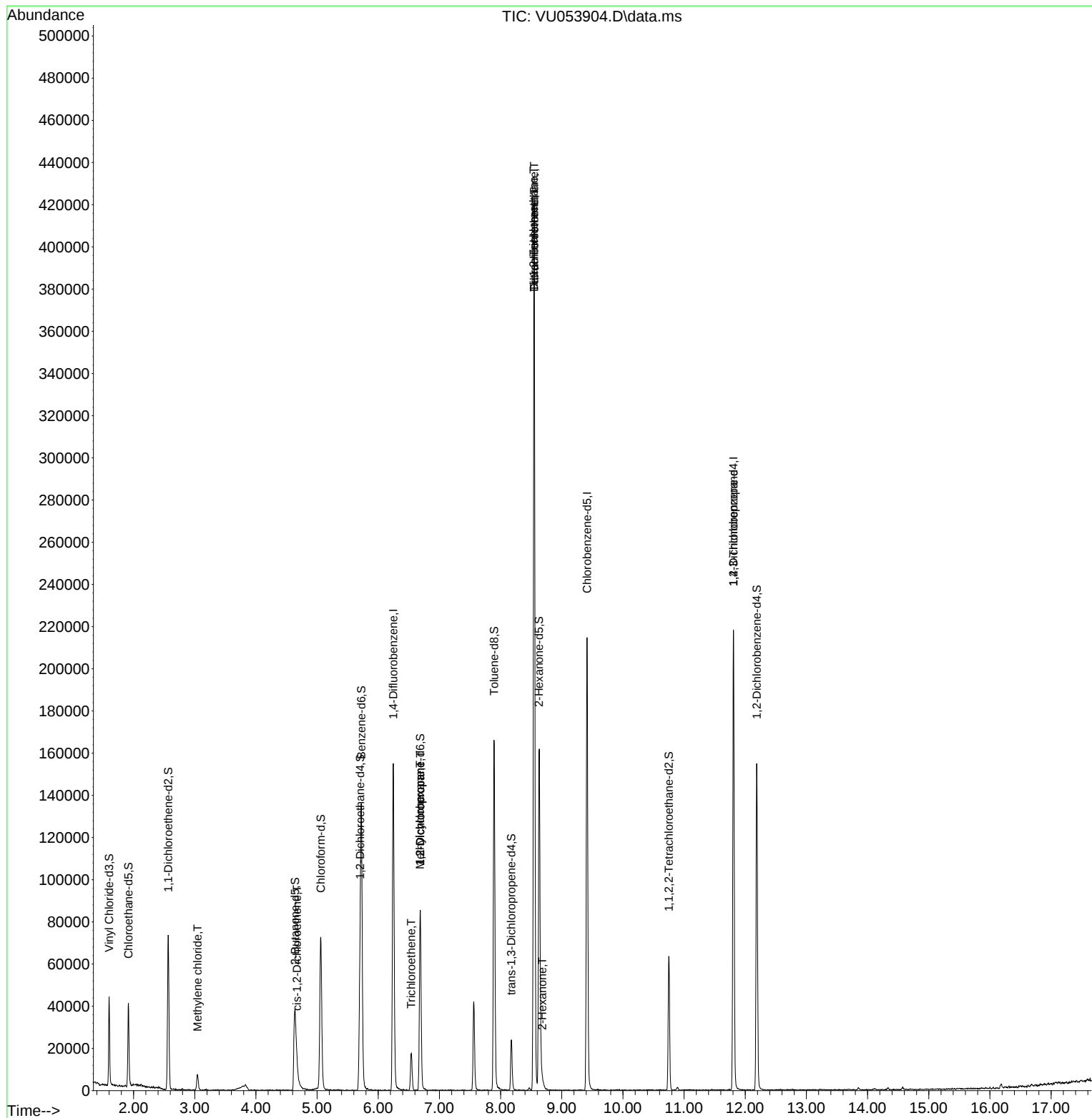
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	135943	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	129737	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	62382	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	31115	3.758	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.200%
7) Chloroethane-d5	1.916	69	29425	4.234	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.568	65	13758	4.037	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.800%
20) 2-Butanone-d5	4.639	46	71653	47.246	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.500%
24) Chloroform-d	5.060	84	69384	4.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.703	65	32816	4.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.723	84	136077	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.687	67	43121	4.664	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.893	98	120211	4.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	8.176	79	15098	4.152	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.629	63	58935	45.796	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.600%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	32485	4.348	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	43551	4.353	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						Qvalue
16) Methylene chloride	3.047	84	3966	0.340	ug/L	91
22) cis-1,2-Dichloroethene	4.671	96	1451	0.149	ug/L	93
34) Trichloroethene	6.539	95	5999	0.602	ug/L	87
35) Methylcyclohexane	6.684	83	10208	0.663	ug/L #	22
37) 1,2-Dichloropropane	6.687	63	4410	0.486	ug/L #	87
45) 1,1,2-Trichloroethane	8.542	97	679	0.100	ug/L #	1
47) Tetrachloroethene	8.549	164	94084	11.912	ug/L	96
48) 2-Hexanone	8.681	43	2182	0.701	ug/L #	84
49) Dibromochloromethane	8.549	129	89462	12.424	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	6841	1.422	ug/L #	68

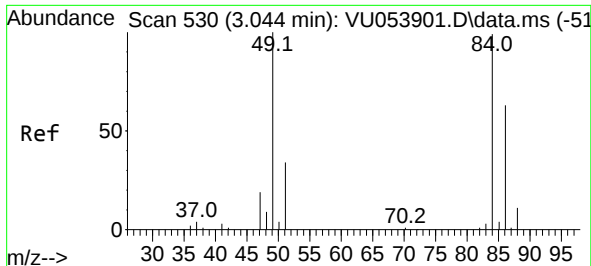
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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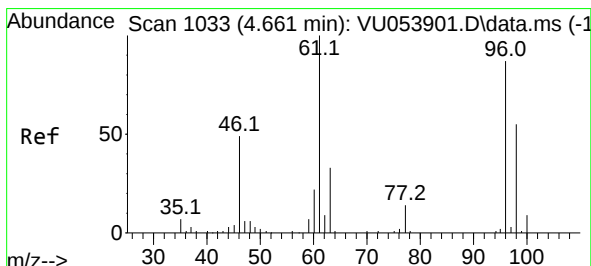
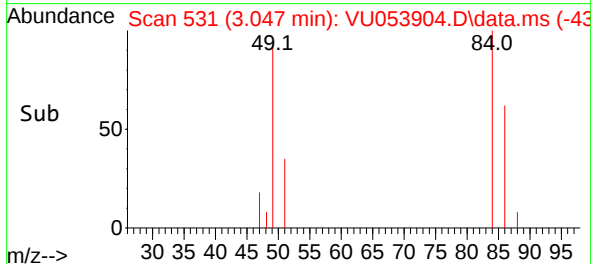
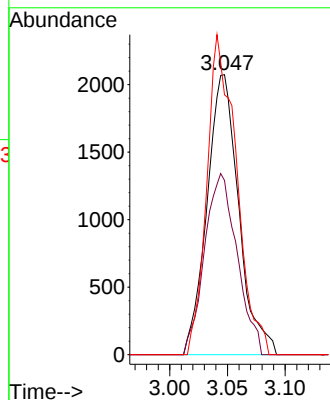
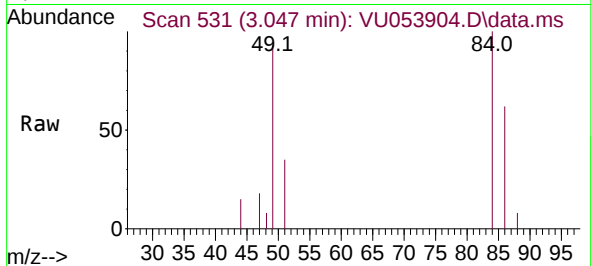




#16
Methylene chloride
Concen: 0.340 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU053904.D
Acq: 26 Apr 2023 11:21

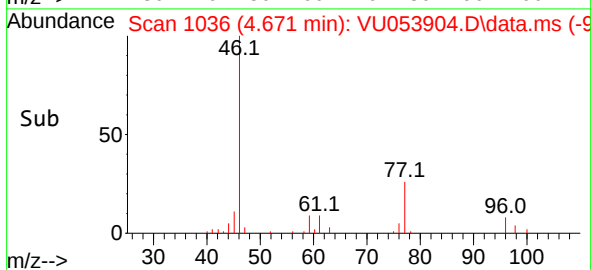
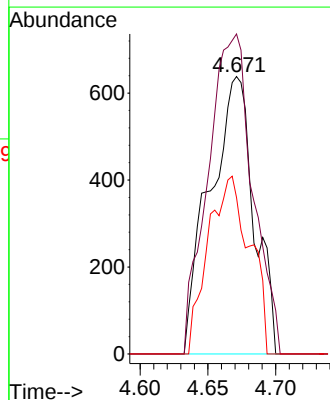
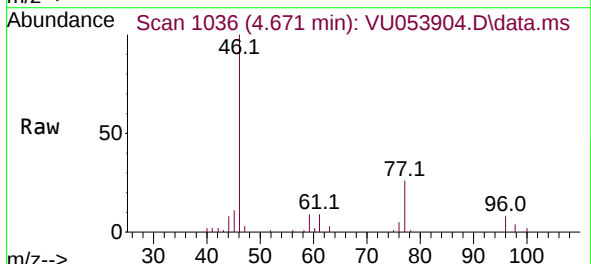
Instrument :
MSVOA_U
ClientSampleId :
BHE48

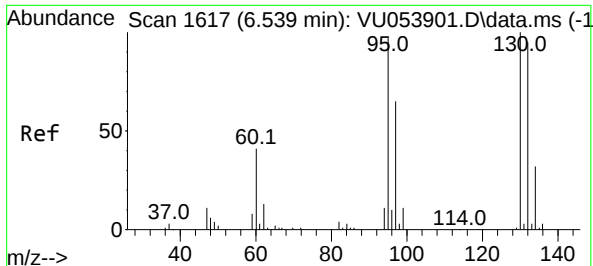
Tgt Ion: 84 Resp: 3966
Ion Ratio Lower Upper
84 100
86 62.2 45.0 83.6
49 92.8 74.8 138.8



#22
cis-1,2-Dichloroethene
Concen: 0.149 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.010 min
Lab File: VU053904.D
Acq: 26 Apr 2023 11:21

Tgt Ion: 96 Resp: 1451
Ion Ratio Lower Upper
96 100
61 115.4 84.3 156.5
98 56.4 46.4 86.2



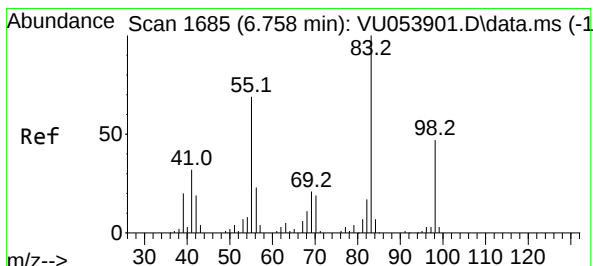
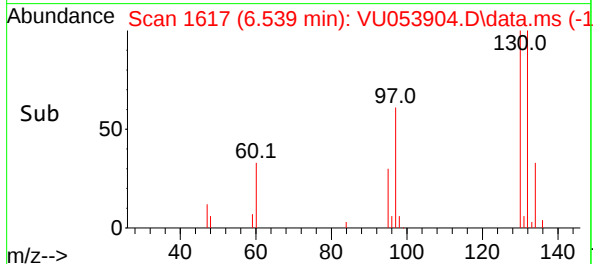
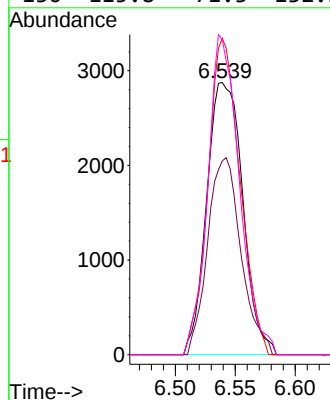
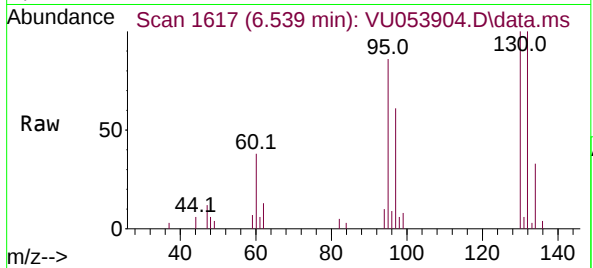


#34
Trichloroethene
Concen: 0.602 ug/L
RT: 6.539 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VU053904.D
Acq: 26 Apr 2023 11:21

Instrument :
MSVOA_U
ClientSampleId :
BHE48

Tgt Ion: 95 Resp: 5999

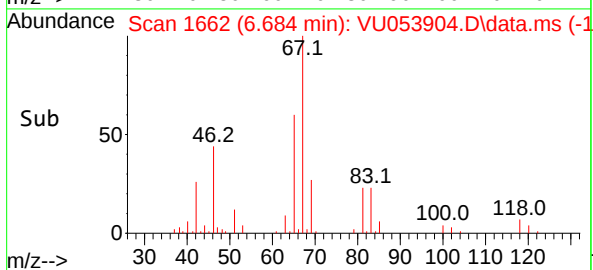
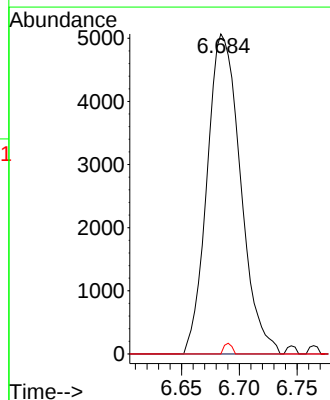
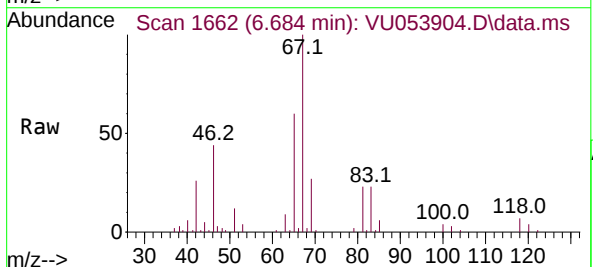
Ion	Ratio	Lower	Upper
95	100		
97	71.2	45.1	83.9
132	116.2	69.9	129.9
130	115.8	71.3	132.3

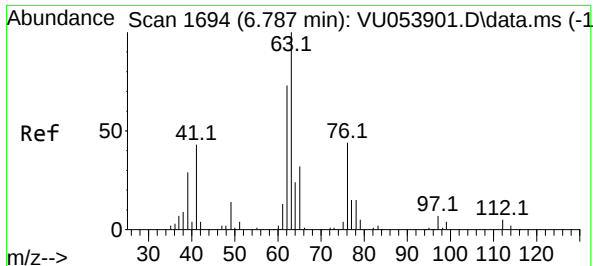


#35
Methylcyclohexane
Concen: 0.663 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.074 min
Lab File: VU053904.D
Acq: 26 Apr 2023 11:21

Tgt Ion: 83 Resp: 10208

Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.4	83.2#
98	0.8	37.3	55.9#

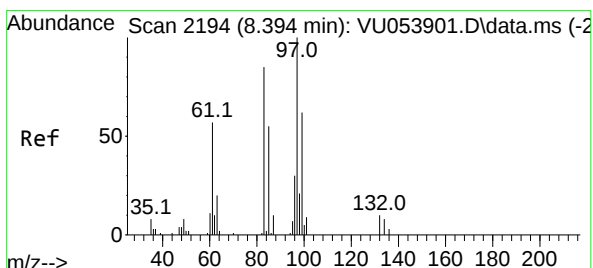
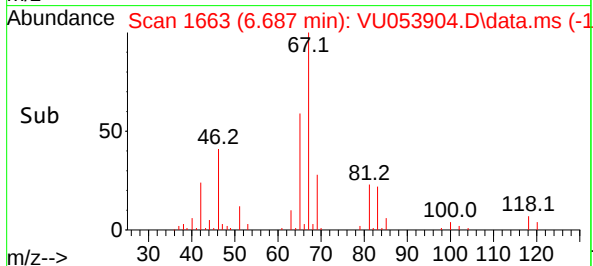
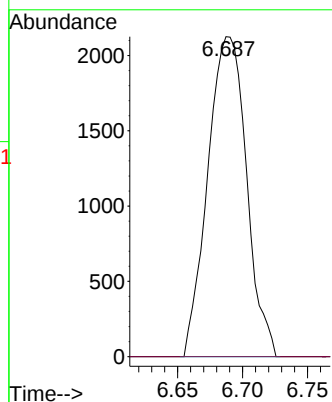
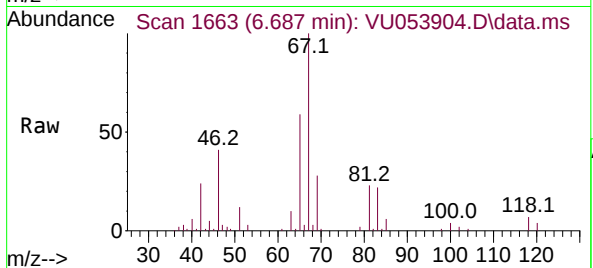




#37
1,2-Dichloropropane
Concen: 0.486 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU053904.D
Acq: 26 Apr 2023 11:21

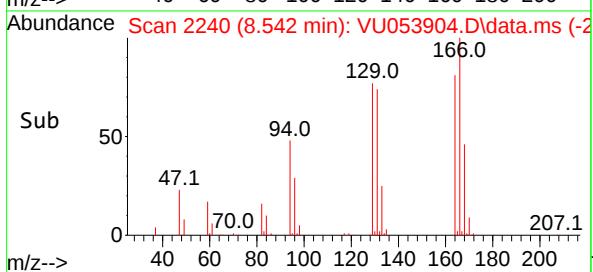
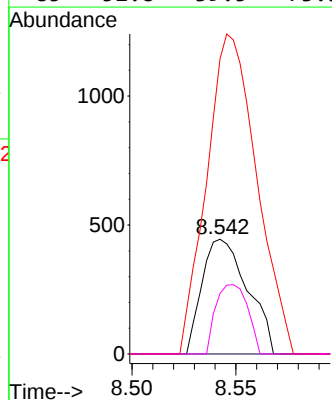
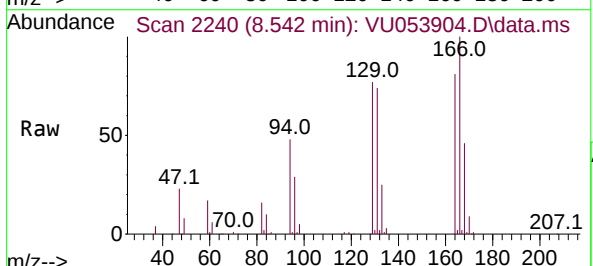
Instrument :
MSVOA_U
ClientSampleId :
BHE48

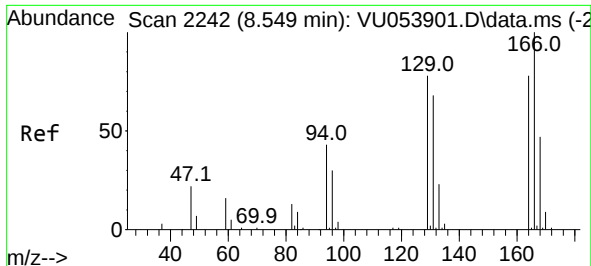
Tgt Ion: 63 Resp: 4410
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#45
1,1,2-Trichloroethane
Concen: 0.100 ug/L
RT: 8.542 min Scan# 2240
Delta R.T. 0.148 min
Lab File: VU053904.D
Acq: 26 Apr 2023 11:21

Tgt Ion: 97 Resp: 679
Ion Ratio Lower Upper
97 100
99 0.0 44.7 83.1#
83 257.3 59.8 111.1#
85 52.8 39.5 73.3





#47

Tetrachloroethene

Concen: 11.912 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. 0.000 min

Lab File: VU053904.D

Acq: 26 Apr 2023 11:21

Instrument :

MSVOA_U

ClientSampleId :

BHE48

Tgt Ion:164 Resp: 94084

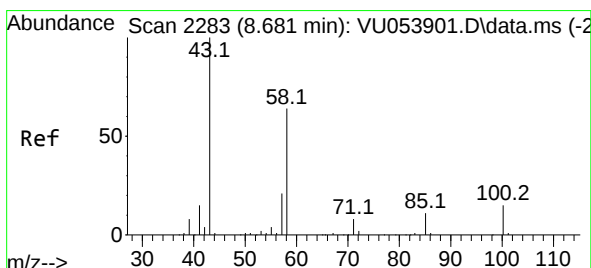
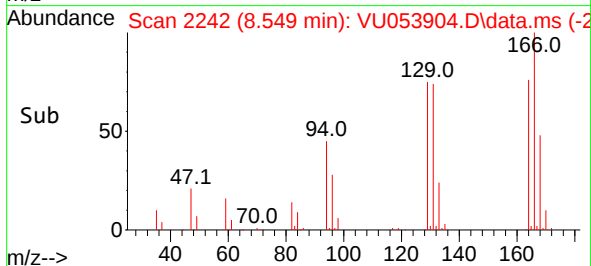
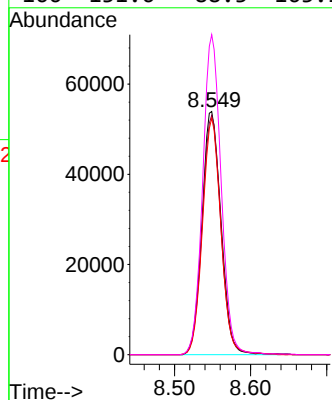
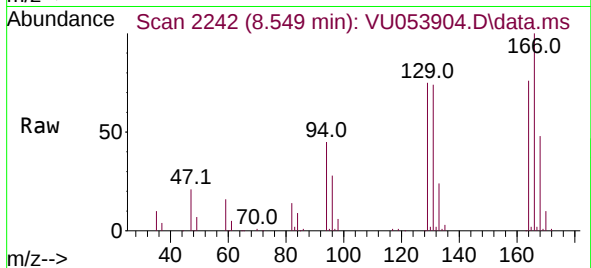
Ion Ratio Lower Upper

164 100

129 98.4 68.3 126.8

131 97.3 64.4 119.6

166 131.6 88.3 163.9



#48

2-Hexanone

Concen: 0.701 ug/L

RT: 8.681 min Scan# 2283

Delta R.T. 0.000 min

Lab File: VU053904.D

Acq: 26 Apr 2023 11:21

Tgt Ion: 43 Resp: 2182

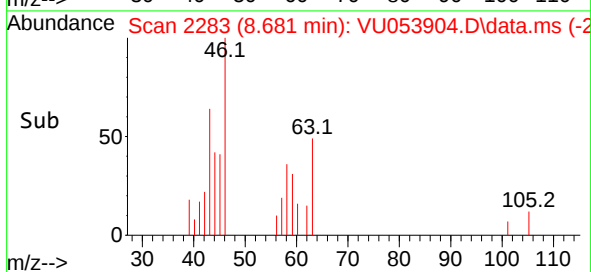
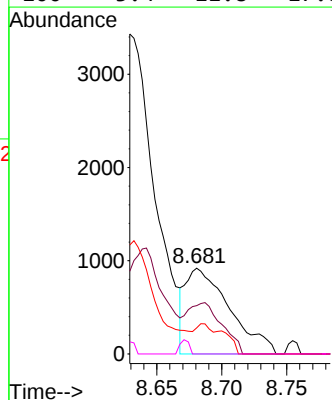
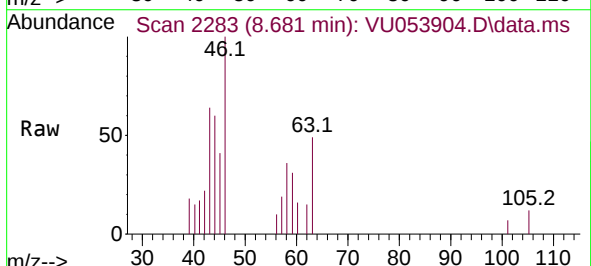
Ion Ratio Lower Upper

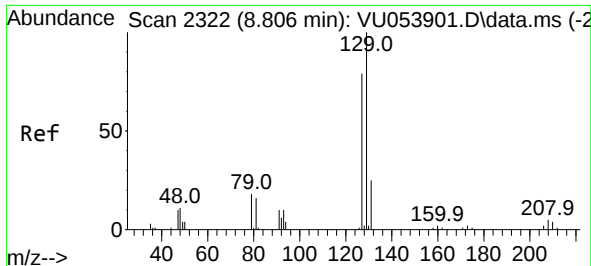
43 100

58 47.8 49.8 74.6#

57 21.8 16.9 25.3

100 3.4 11.8 17.8#

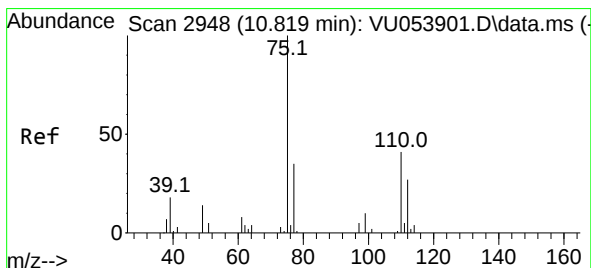
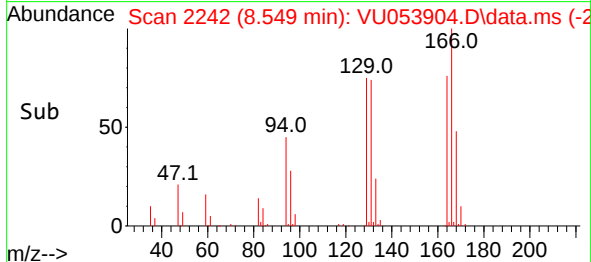
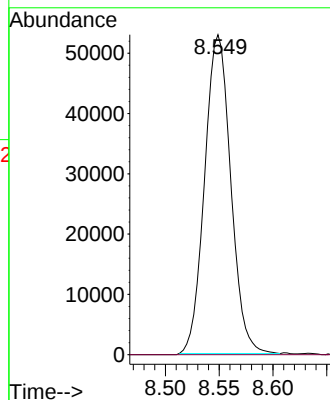
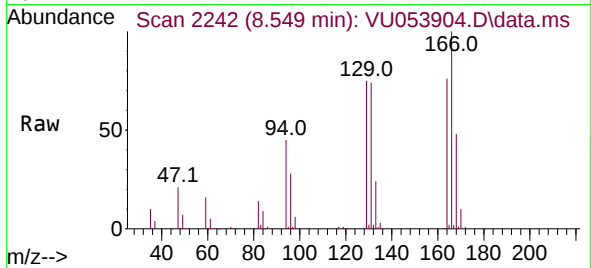




#49
Dibromochloromethane
Concen: 12.424 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU053904.D
Acq: 26 Apr 2023 11:21

Instrument :
MSVOA_U
ClientSampleId :
BHE48

Tgt Ion:129 Resp: 89462
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#



#61
1,2,3-Trichloropropane
Concen: 1.422 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU053904.D
Acq: 26 Apr 2023 11:21

Tgt Ion: 75 Resp: 6841
Ion Ratio Lower Upper
75 100
110 2.7 30.7 46.1#
77 32.3 26.2 39.4

