

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042423\
 Data File : VU053864.D
 Acq On : 25 Apr 2023 00:10
 Operator : JC/MD
 Sample : 03433-12 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE47

Quant Time: Apr 25 05:07:37 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)

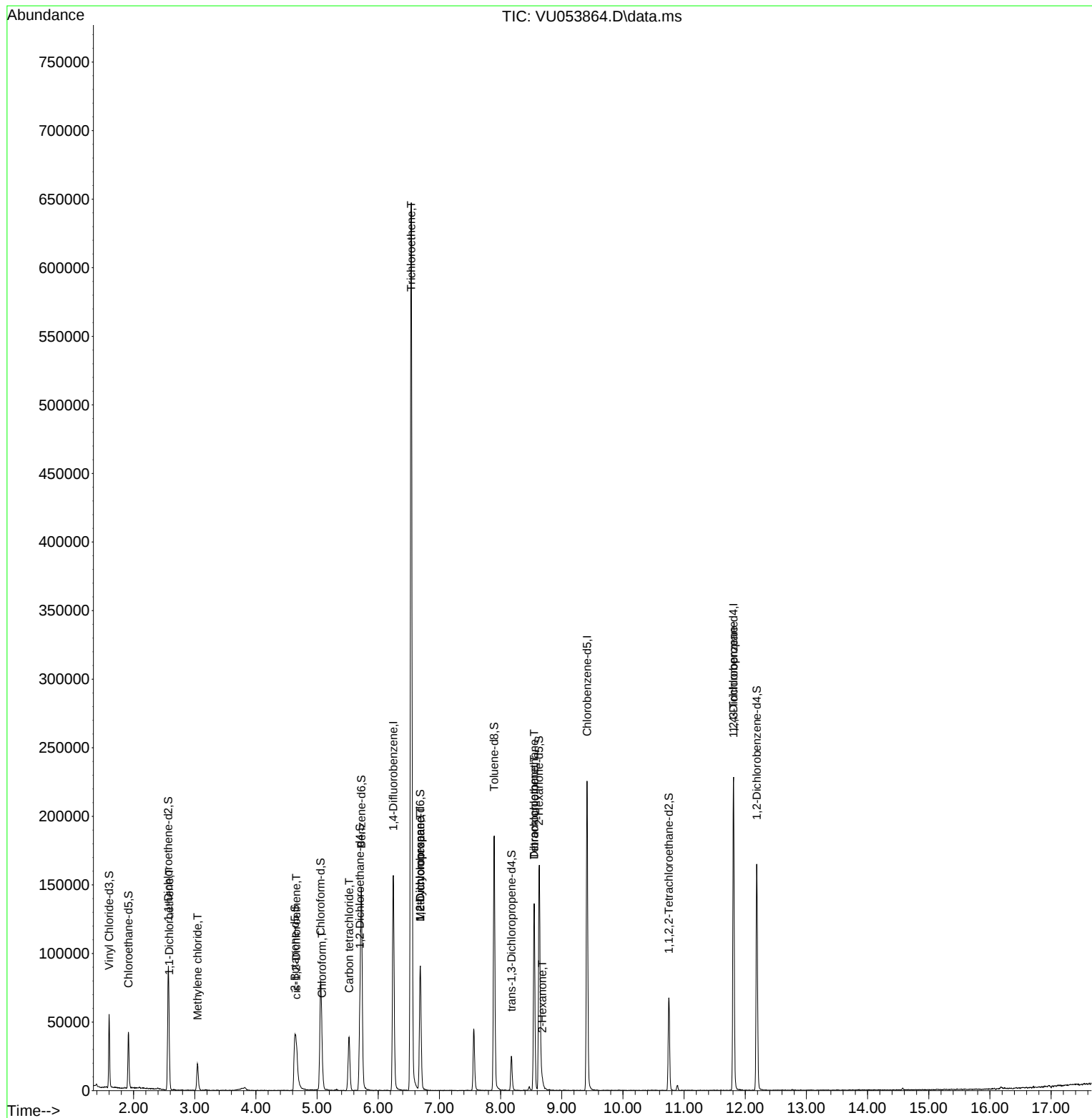
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	139918	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	132359	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	63061	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	38366	4.502	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.000%
7) Chloroethane-d5	1.916	69	31307	4.377	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.568	65	15564	4.438	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	4.636	46	73790	47.273	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.540%
24) Chloroform-d	5.060	84	73294	4.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.700	65	35950	4.844	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.726	84	145713	4.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.687	67	45787	4.854	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.896	98	134189	4.611	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.179	79	16064	4.330	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.629	63	60985	46.450	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.900%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	34364	4.508	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	47686	4.715	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.581	96	4119	0.468	ug/L #	1
16) Methylene chloride	3.047	84	9350	0.778	ug/L	95
22) cis-1,2-Dichloroethene	4.661	96	8022	0.800	ug/L	89
25) Chloroform	5.083	83	8589	0.491	ug/L	95
31) Carbon tetrachloride	5.523	117	26882	2.078	ug/L	98
34) Trichloroethene	6.539	95	222646	21.900	ug/L	99
35) Methylcyclohexane	6.687	83	11129	0.709	ug/L #	21
37) 1,2-Dichloropropane	6.687	63	4777	0.516	ug/L #	87
47) Tetrachloroethene	8.549	164	30659	3.805	ug/L	99
48) 2-Hexanone	8.684	43	2021	0.637	ug/L #	80
49) Dibromochloromethane	8.549	129	29639	4.035	ug/L #	10
61) 1,2,3-Trichloropropane	11.806	75	7501	1.543	ug/L #	66

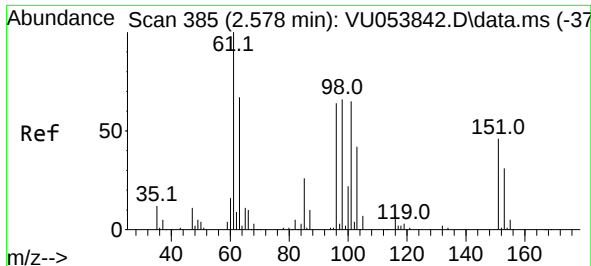
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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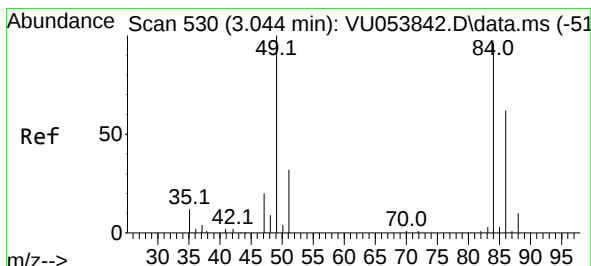
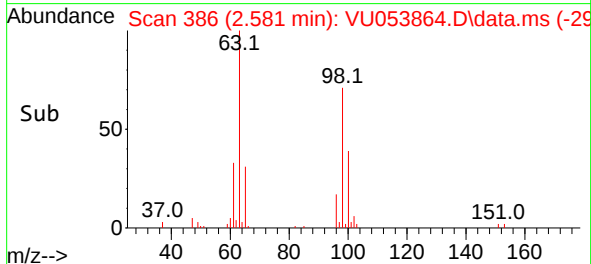
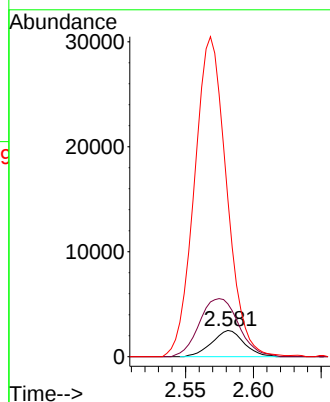
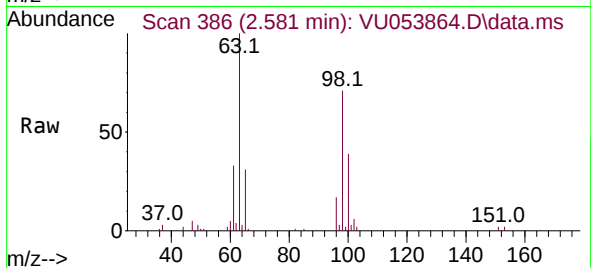




#12
1,1-Dichloroethene
Concen: 0.468 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU053864.D
Acq: 25 Apr 2023 00:10

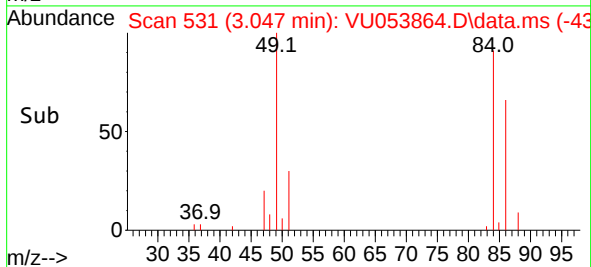
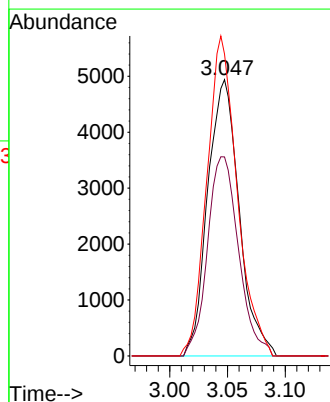
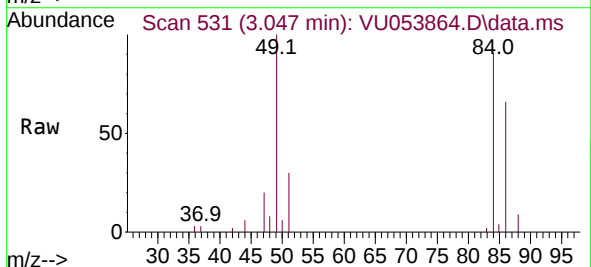
Instrument :
MSVOA_U
ClientSampleId :
BHE47

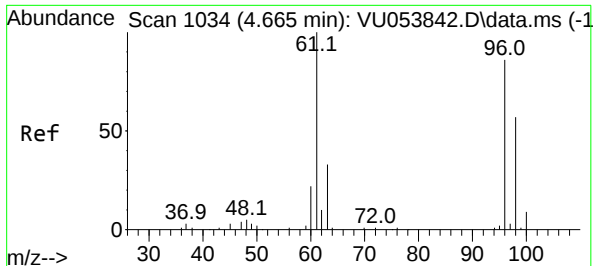
Tgt Ion: 96 Resp: 4119
Ion Ratio Lower Upper
96 100
61 201.4 111.5 207.1
63 601.4 68.7 127.7#



#16
Methylene chloride
Concen: 0.778 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU053864.D
Acq: 25 Apr 2023 00:10

Tgt Ion: 84 Resp: 9350
Ion Ratio Lower Upper
84 100
86 72.0 45.0 83.6
49 109.3 74.8 138.8

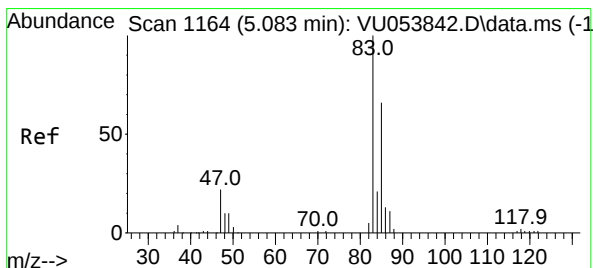
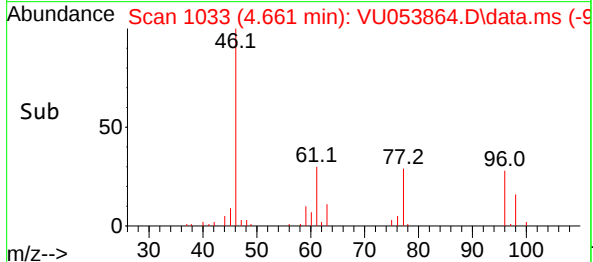
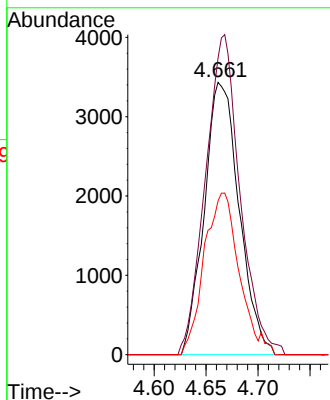
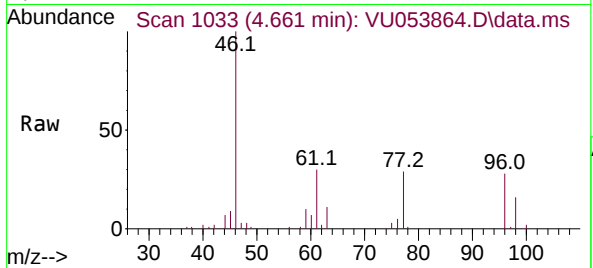




#22
 cis-1,2-Dichloroethene
 Concen: 0.800 ug/L
 RT: 4.661 min Scan# 1033
 Delta R.T. -0.003 min
 Lab File: VU053864.D
 Acq: 25 Apr 2023 00:10

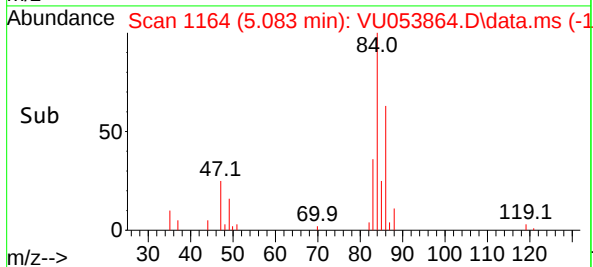
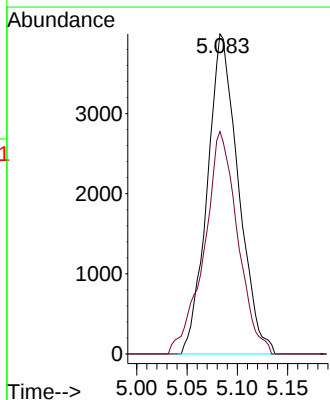
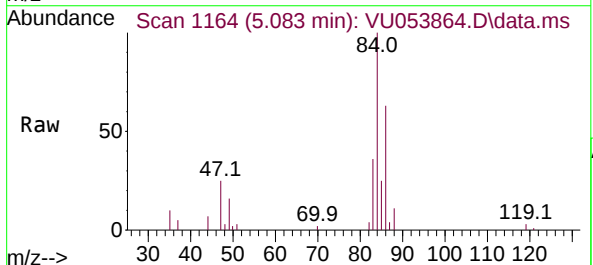
Instrument :
 MSVOA_U
 ClientSampleId :
 BHE47

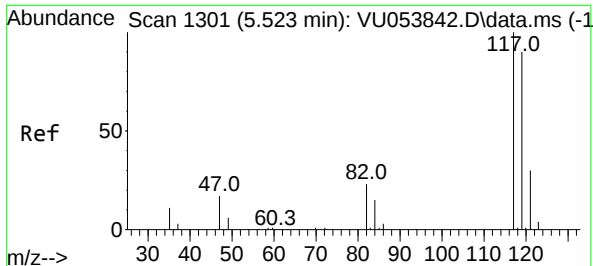
Tgt Ion: 96 Resp: 8022
 Ion Ratio Lower Upper
 96 100
 61 108.9 84.3 156.5
 98 56.5 46.4 86.2



#25
 Chloroform
 Concen: 0.491 ug/L
 RT: 5.083 min Scan# 1164
 Delta R.T. -0.000 min
 Lab File: VU053864.D
 Acq: 25 Apr 2023 00:10

Tgt Ion: 83 Resp: 8589
 Ion Ratio Lower Upper
 83 100
 85 69.5 45.6 84.8

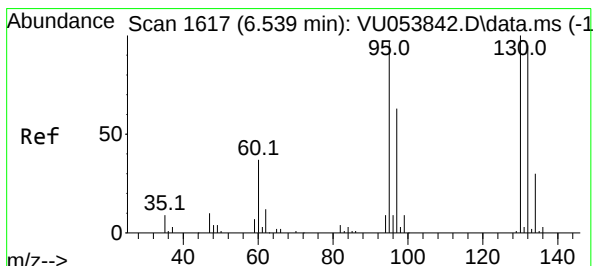
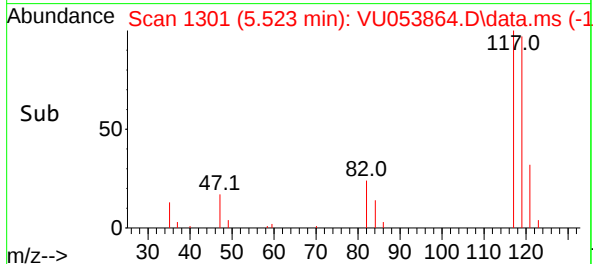
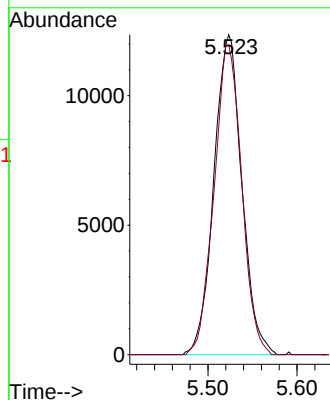
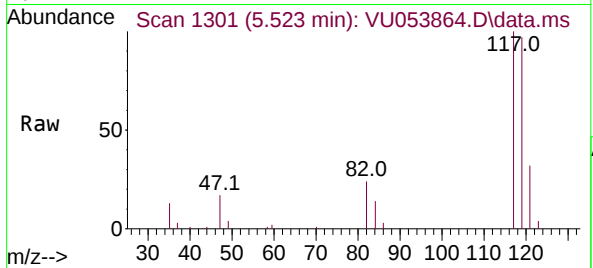




#31
Carbon tetrachloride
Concen: 2.078 ug/L
RT: 5.523 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VU053864.D
Acq: 25 Apr 2023 00:10

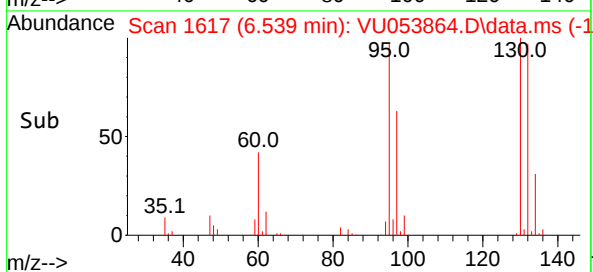
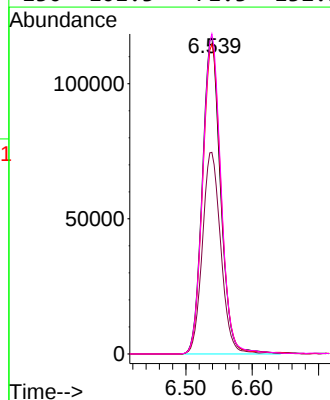
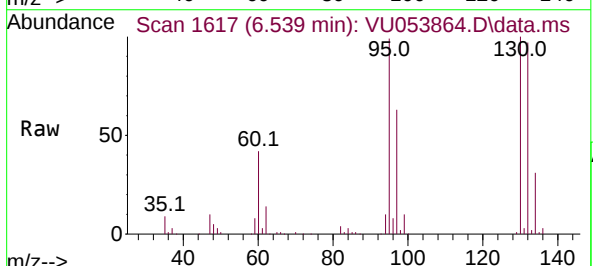
Instrument :
MSVOA_U
ClientSampleId :
BHE47

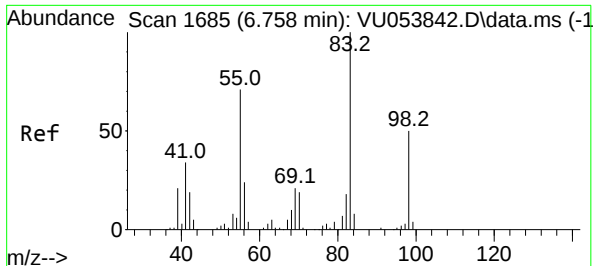
Tgt Ion:117 Resp: 26882
Ion Ratio Lower Upper
117 100
119 95.8 75.0 112.6



#34
Trichloroethene
Concen: 21.900 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU053864.D
Acq: 25 Apr 2023 00:10

Tgt Ion: 95 Resp: 222646
Ion Ratio Lower Upper
95 100
97 63.8 45.1 83.9
132 98.0 69.9 129.9
130 101.3 71.3 132.3

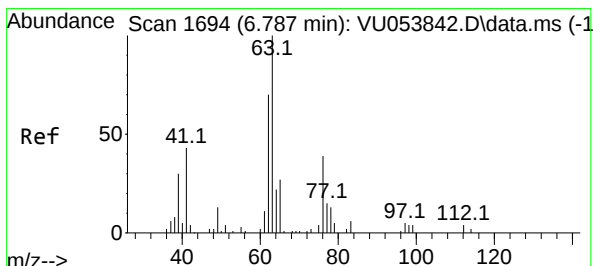
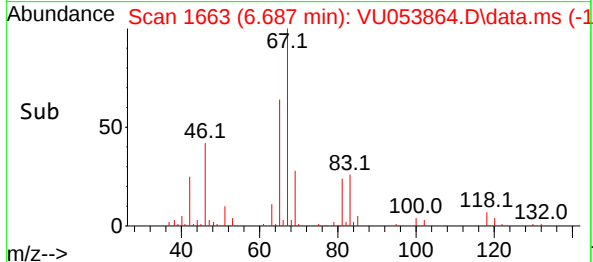
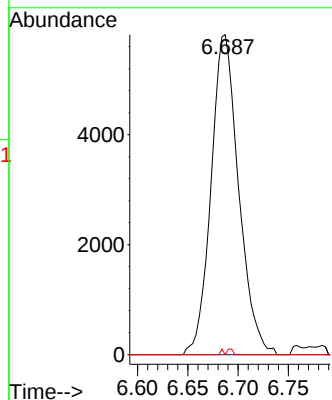
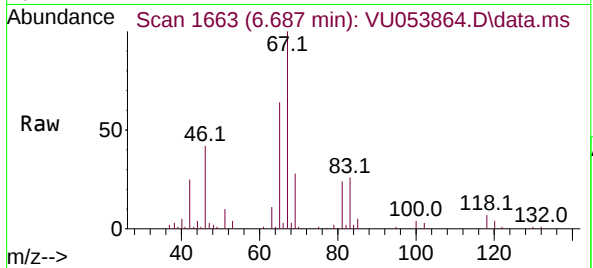




#35
Methylcyclohexane
Concen: 0.709 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU053864.D
Acq: 25 Apr 2023 00:10

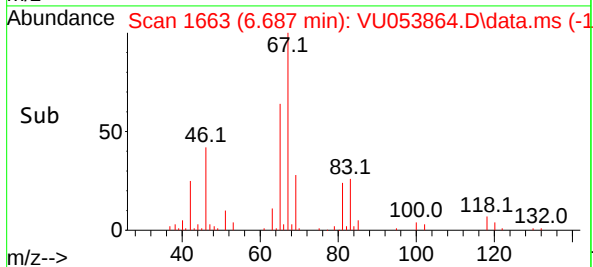
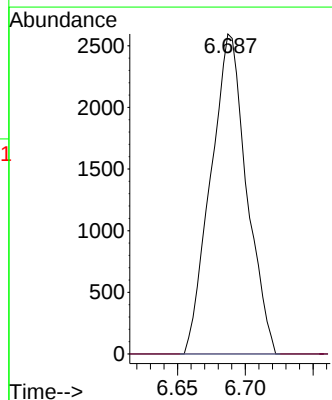
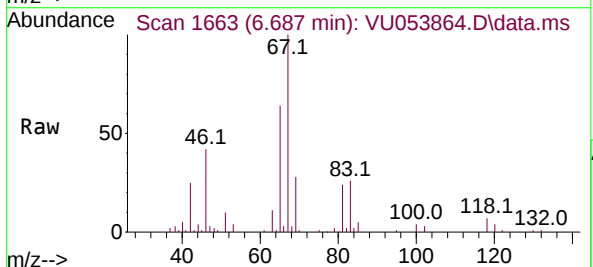
Instrument :
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ClientSampleId :
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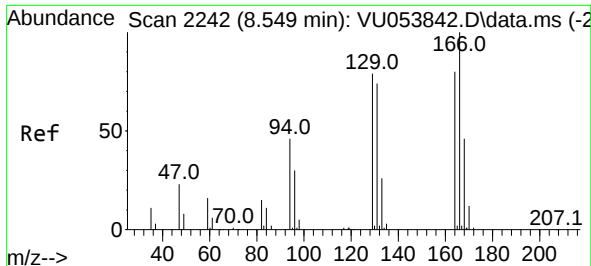
Tgt Ion: 83 Resp: 11129
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.2#
98 0.0 37.3 55.9#



#37
1,2-Dichloropropane
Concen: 0.516 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU053864.D
Acq: 25 Apr 2023 00:10

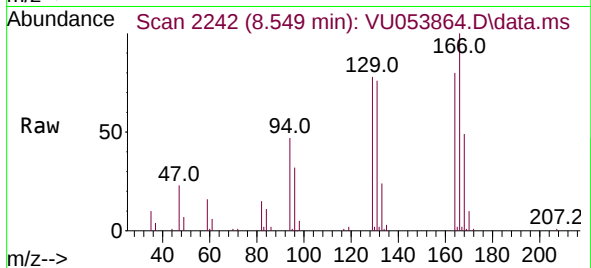
Tgt Ion: 63 Resp: 4777
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





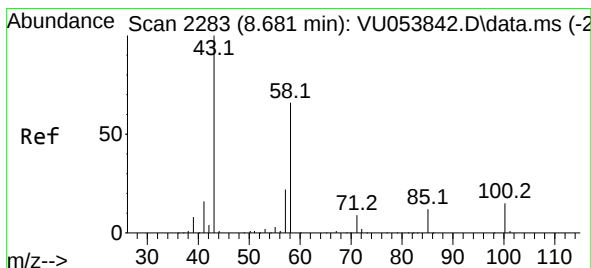
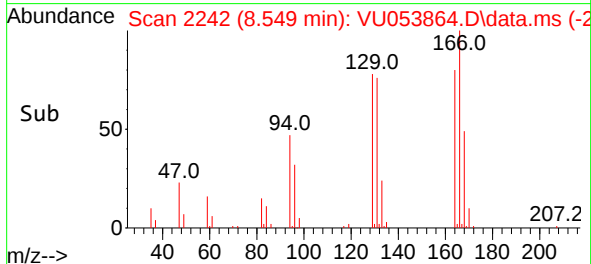
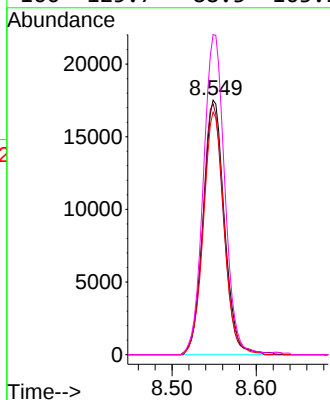
#47
Tetrachloroethene
Concen: 3.805 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053864.D
Acq: 25 Apr 2023 00:10

Instrument :
MSVOA_U
ClientSampleId :
BHE47



Tgt Ion:164 Resp: 30659

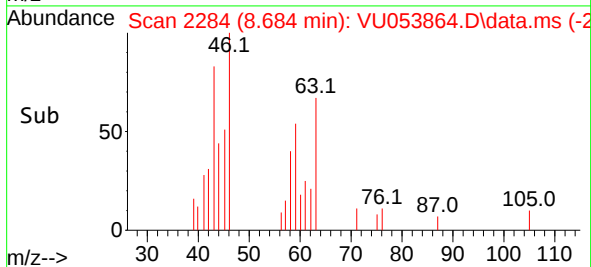
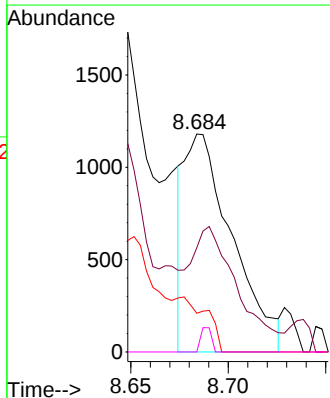
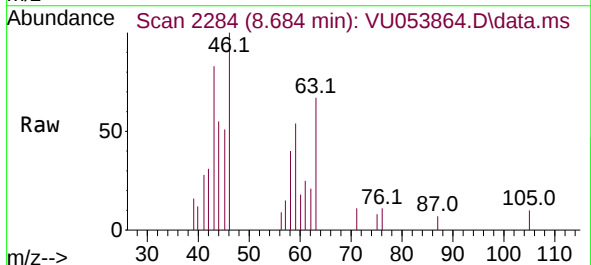
Ion	Ratio	Lower	Upper
164	100		
129	98.6	68.3	126.8
131	95.3	64.4	119.6
166	125.7	88.3	163.9

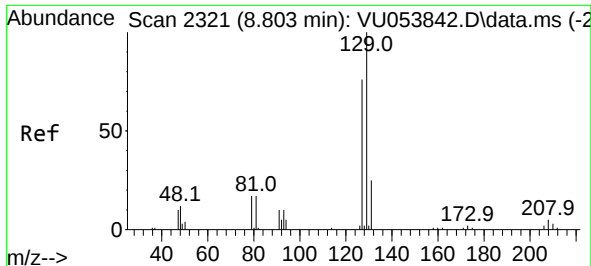


#48
2-Hexanone
Concen: 0.637 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. 0.003 min
Lab File: VU053864.D
Acq: 25 Apr 2023 00:10

Tgt Ion: 43 Resp: 2021

Ion	Ratio	Lower	Upper
43	100		
58	54.8	49.8	74.6
57	0.0	16.9	25.3#
100	2.5	11.8	17.8#

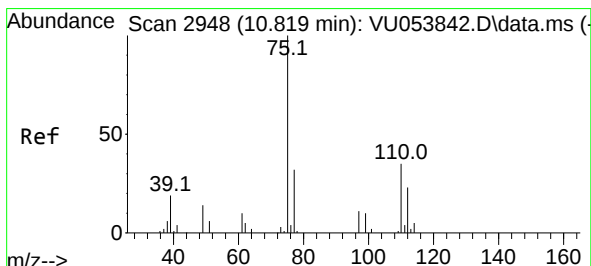
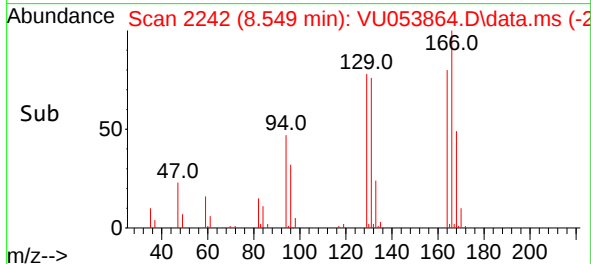
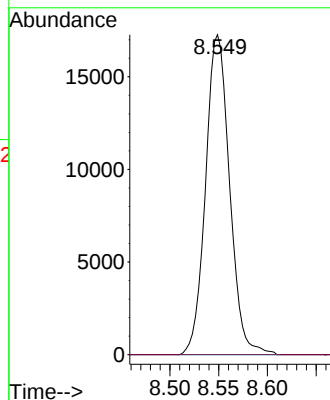
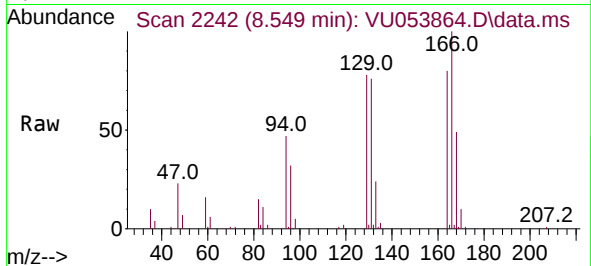




#49
Dibromochloromethane
Concen: 4.035 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU053864.D
Acq: 25 Apr 2023 00:10

Instrument :
MSVOA_U
ClientSampleId :
BHE47

Tgt Ion:129 Resp: 29639
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#



#61
1,2,3-Trichloropropane
Concen: 1.543 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU053864.D
Acq: 25 Apr 2023 00:10

Tgt Ion: 75 Resp: 7501
Ion Ratio Lower Upper
75 100
110 2.9 30.7 46.1#
77 30.2 26.2 39.4

