

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042423\
 Data File : VU053863.D
 Acq On : 24 Apr 2023 23:46
 Operator : JC/MD
 Sample : 03433-07 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE43

Quant Time: Apr 25 05:07:23 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)

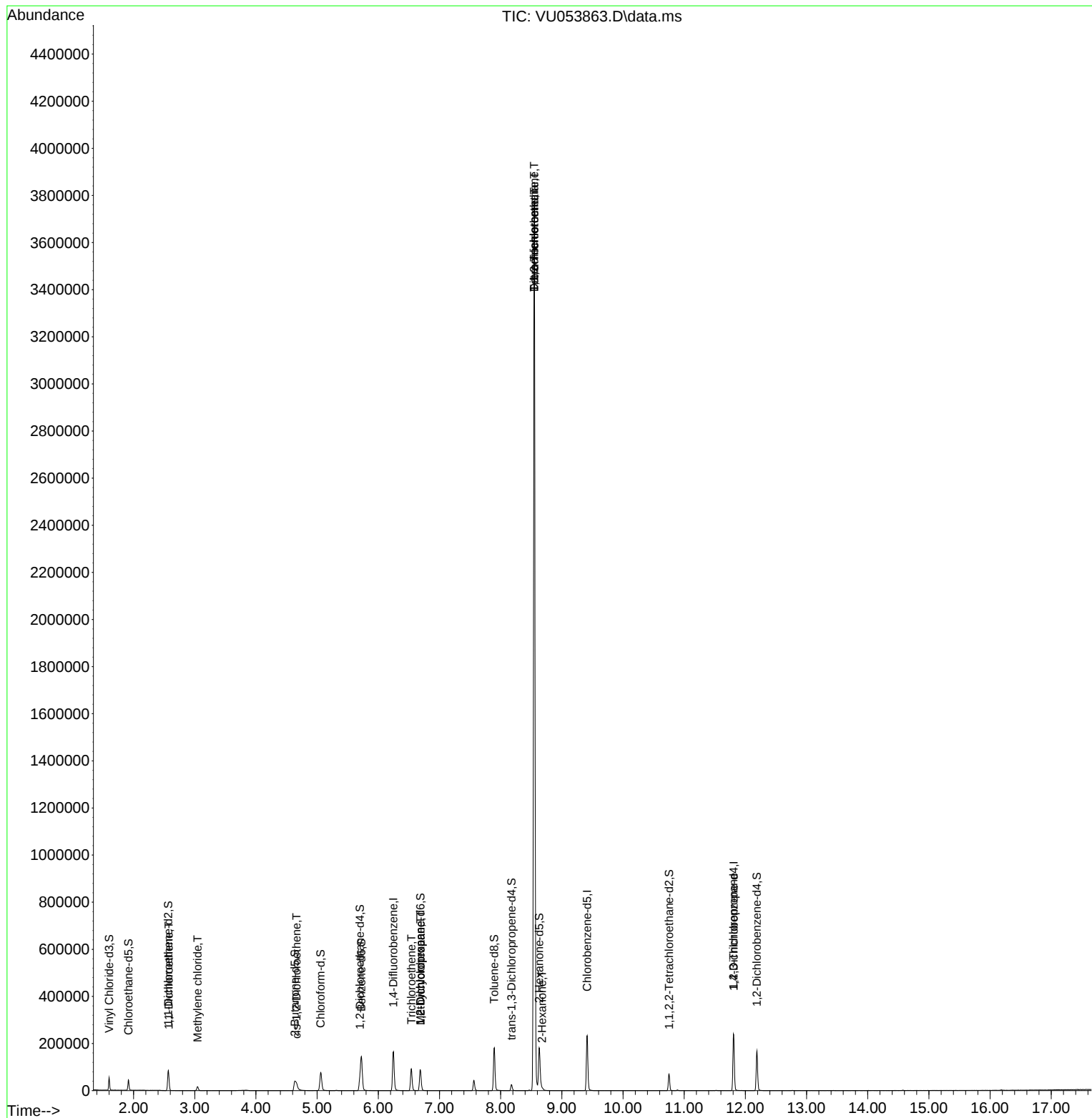
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	147586	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	141942	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	67718	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	38536	4.287	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.916	69	32197	4.268	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.568	65	16298	4.405	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.636	46	77082	46.817	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.640%
24) Chloroform-d	5.057	84	72350	4.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.700	65	35178	4.494	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.723	84	145861	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.687	67	45523	4.500	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.893	98	131474	4.213	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	8.176	79	16349	4.109	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.629	63	66791	47.438	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.880%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	34832	4.261	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	46981	4.326	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.575	96	1867	0.201	ug/L #	1
16) Methylene chloride	3.044	84	8547	0.675	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	6978	0.659	ug/L	87
34) Trichloroethene	6.539	95	31253	2.867	ug/L	97
35) Methylcyclohexane	6.687	83	10761	0.639	ug/L #	21
37) 1,2-Dichloropropane	6.687	63	4663	0.470	ug/L #	88
45) 1,1,2-Trichloroethane	8.549	97	6696	0.900	ug/L #	2
47) Tetrachloroethene	8.549	164	830792	96.141	ug/L	98
48) 2-Hexanone	8.677	43	2378	0.699	ug/L #	88
49) Dibromochloromethane	8.549	129	813204	103.226	ug/L #	10
61) 1,2,3-Trichloropropane	11.806	75	7723	1.479	ug/L #	66

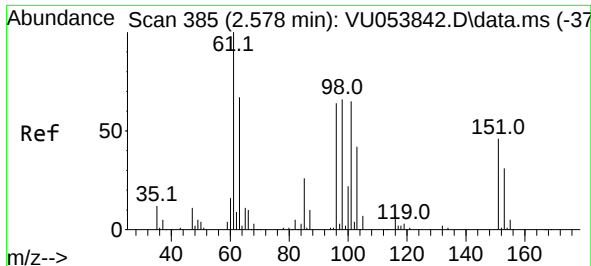
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.201 ug/L

RT: 2.575 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU053863.D

Acq: 24 Apr 2023 23:46

Instrument :

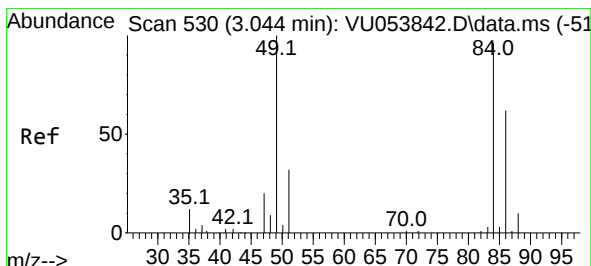
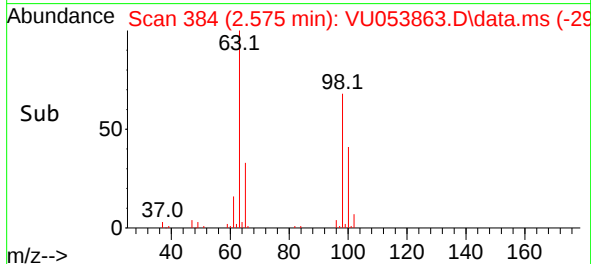
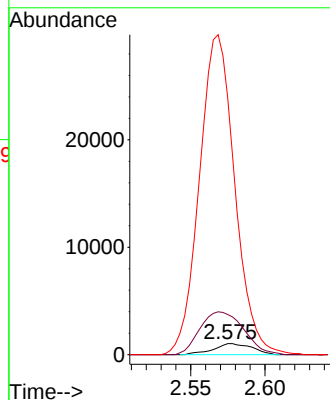
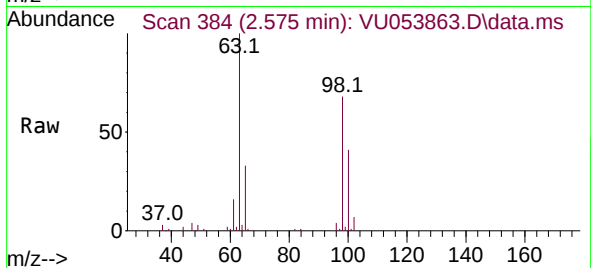
MSVOA_U

ClientSampleId :

BHE43

Tgt Ion: 96 Resp: 1867

Ion	Ratio	Lower	Upper
96	100		
61	362.4	111.5	207.1#
63	2314.0	68.7	127.7#



#16

Methylene chloride

Concen: 0.675 ug/L

RT: 3.044 min Scan# 530

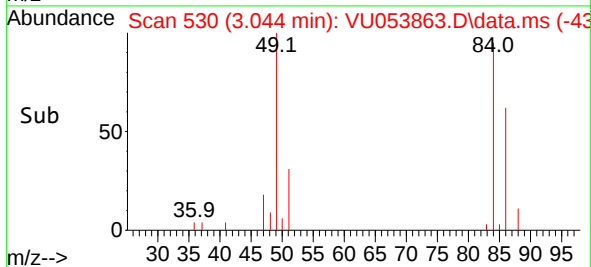
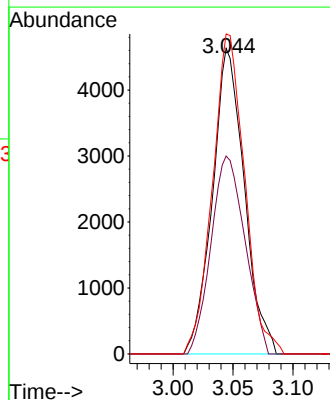
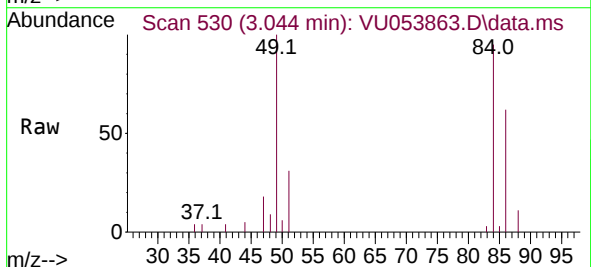
Delta R.T. 0.000 min

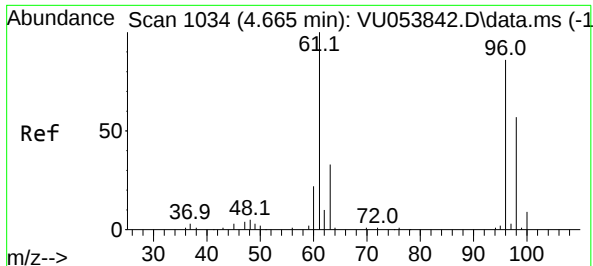
Lab File: VU053863.D

Acq: 24 Apr 2023 23:46

Tgt Ion: 84 Resp: 8547

Ion	Ratio	Lower	Upper
84	100		
86	64.8	45.0	83.6
49	104.7	74.8	138.8

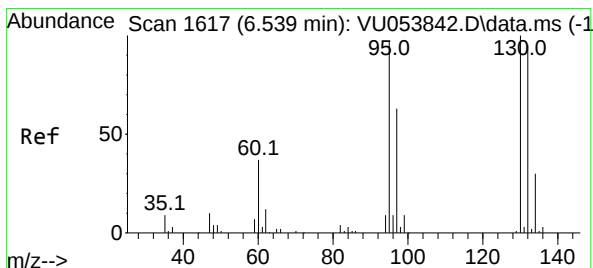
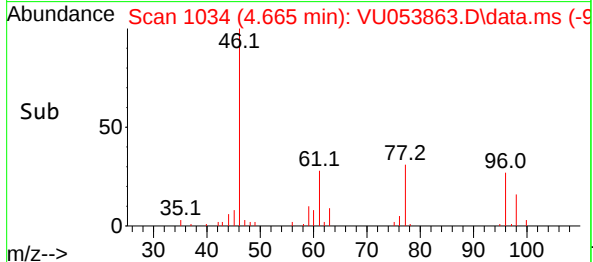
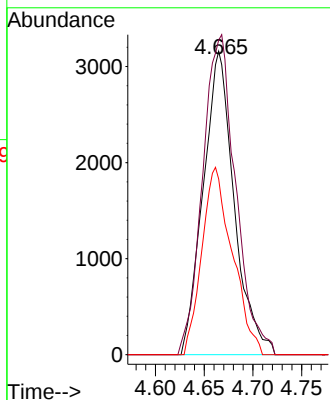
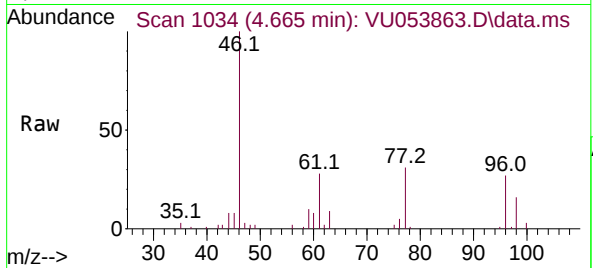




#22
 cis-1,2-Dichloroethene
 Concen: 0.659 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU053863.D
 Acq: 24 Apr 2023 23:46

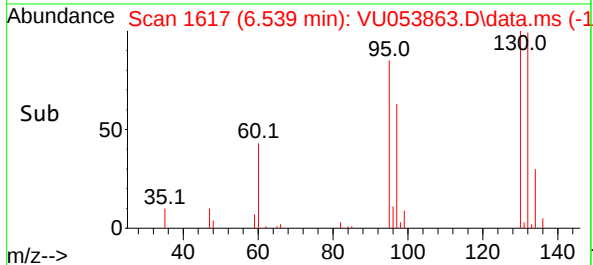
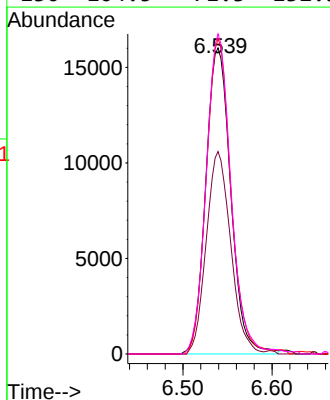
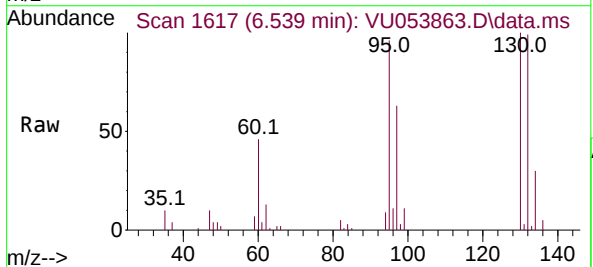
Instrument :
 MSVOA_U
 ClientSampleId :
 BHE43

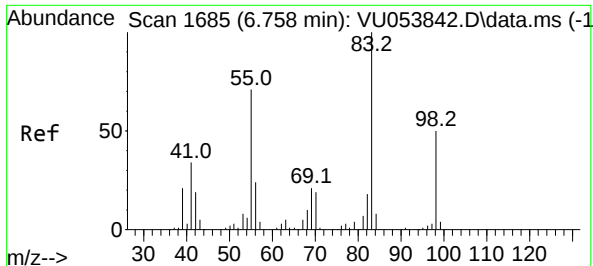
Tgt Ion:	96	Resp:	6978
Ion	Ratio	Lower	Upper
96	100		
61	103.7	84.3	156.5
98	57.9	46.4	86.2



#34
 Trichloroethene
 Concen: 2.867 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: VU053863.D
 Acq: 24 Apr 2023 23:46

Tgt Ion:	95	Resp:	31253
Ion	Ratio	Lower	Upper
95	100		
97	66.1	45.1	83.9
132	103.0	69.9	129.9
130	104.5	71.3	132.3

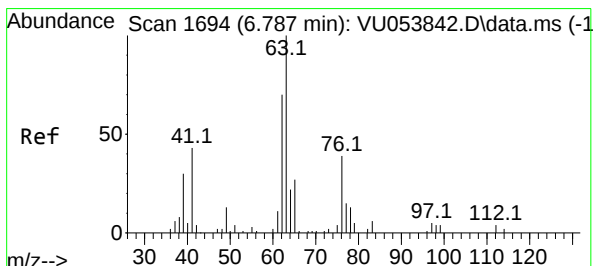
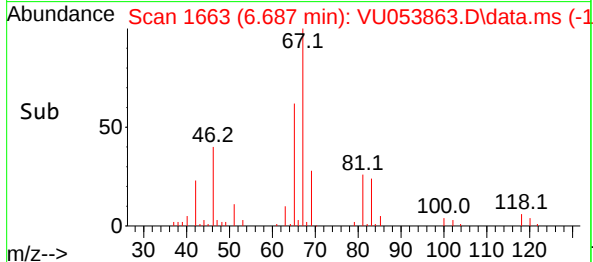
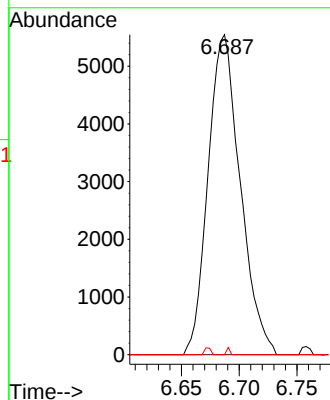
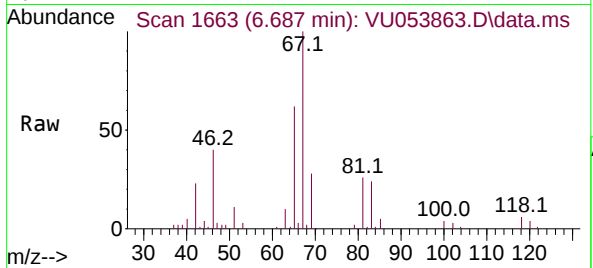




#35
Methylcyclohexane
Concen: 0.639 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU053863.D
Acq: 24 Apr 2023 23:46

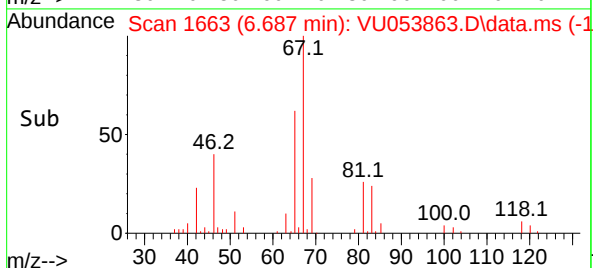
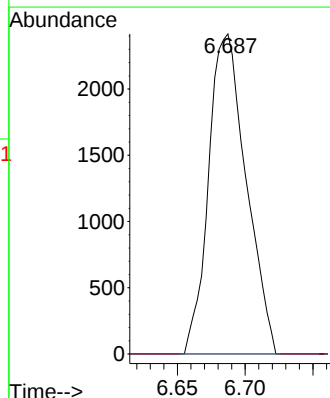
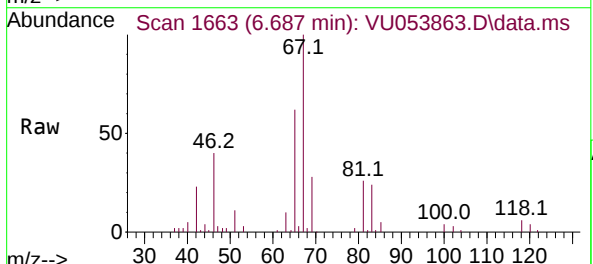
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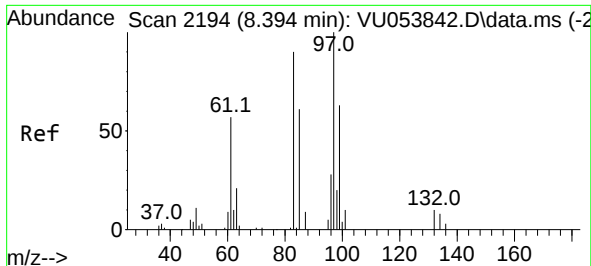
Tgt Ion: 83 Resp: 10761
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.2#
98 0.4 37.3 55.9#



#37
1,2-Dichloropropane
Concen: 0.470 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU053863.D
Acq: 24 Apr 2023 23:46

Tgt Ion: 63 Resp: 4663
Ion Ratio Lower Upper
63 100
112 0.4 3.5 5.3#





#45

1,1,2-Trichloroethane

Concen: 0.900 ug/L

RT: 8.549 min Scan# 2194

Delta R.T. 0.154 min

Lab File: VU053863.D

Acq: 24 Apr 2023 23:46

Instrument :

MSVOA_U

ClientSampleId :

BHE43

Tgt Ion: 97 Resp: 6696

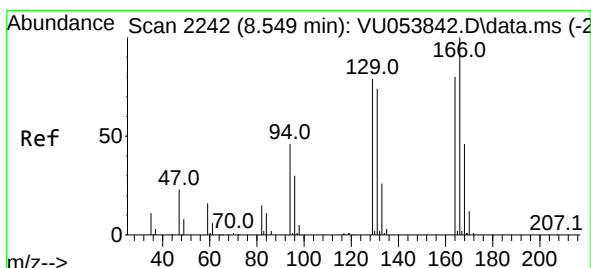
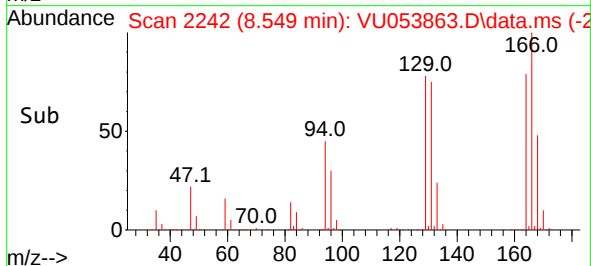
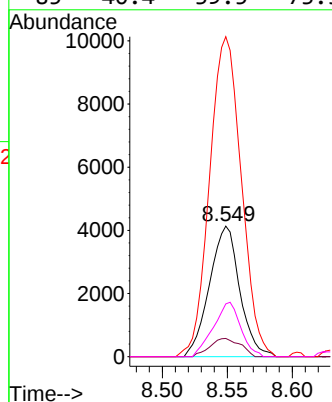
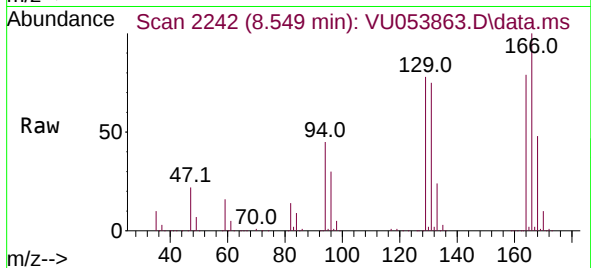
Ion Ratio Lower Upper

97 100

99 13.9 44.7 83.1#

83 245.1 59.8 111.1#

85 40.4 39.5 73.3



#47

Tetrachloroethene

Concen: 96.141 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. 0.000 min

Lab File: VU053863.D

Acq: 24 Apr 2023 23:46

Tgt Ion:164 Resp: 830792

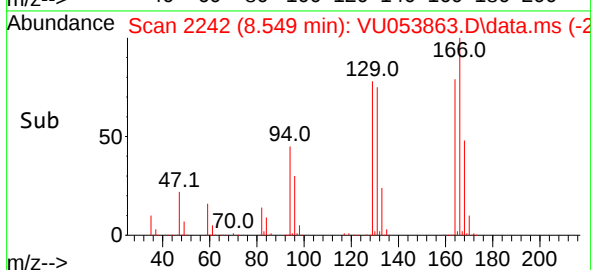
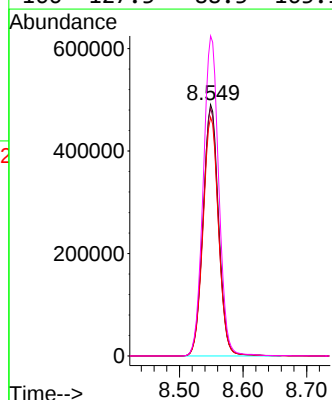
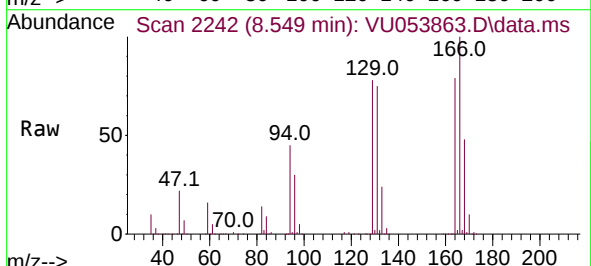
Ion Ratio Lower Upper

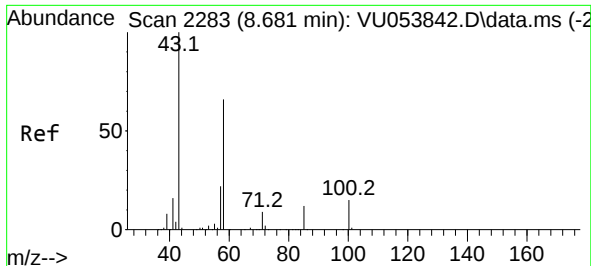
164 100

129 98.7 68.3 126.8

131 95.0 64.4 119.6

166 127.3 88.3 163.9

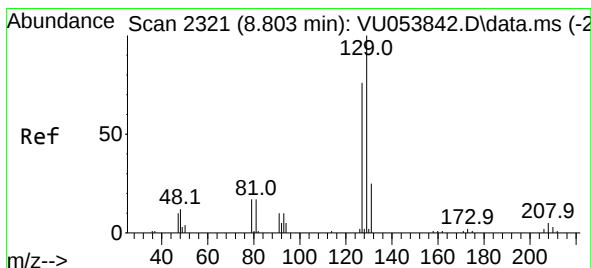
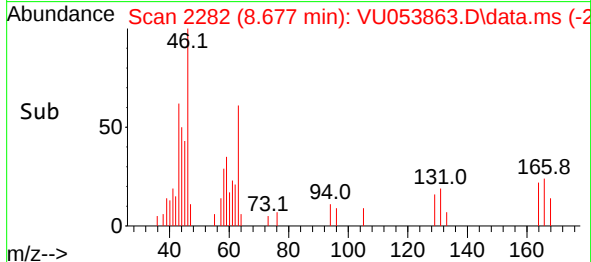
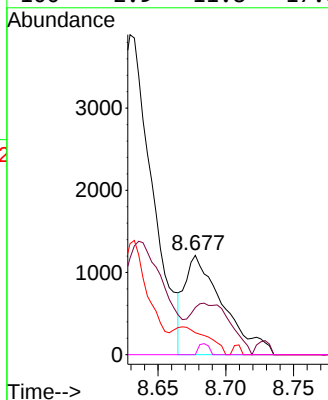
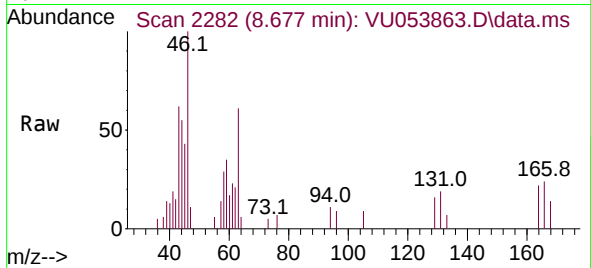




#48
2-Hexanone
Concen: 0.699 ug/L
RT: 8.677 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053863.D
Acq: 24 Apr 2023 23:46

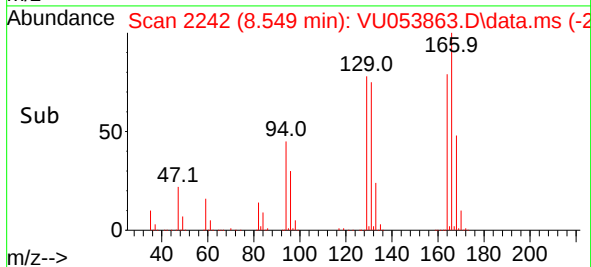
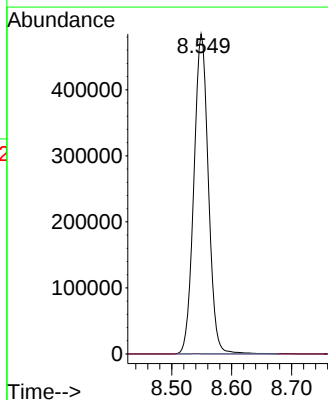
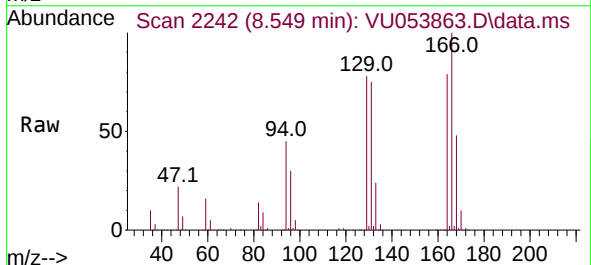
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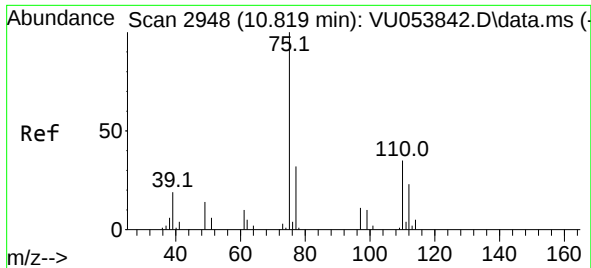
Tgt Ion: 43	Resp: 2378
Ion Ratio	Lower Upper
43 100	
58 55.2	49.8 74.6
57 24.3	16.9 25.3
100 2.9	11.8 17.8#



#49
Dibromochloromethane
Concen: 103.226 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.254 min
Lab File: VU053863.D
Acq: 24 Apr 2023 23:46

Tgt Ion:129	Resp: 813204		
Ion Ratio	Lower	Upper	
129 100			
127 0.0	55.7	103.5#	





#61

1,2,3-Trichloropropane

Concen: 1.479 ug/L

RT: 11.806 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU053863.D

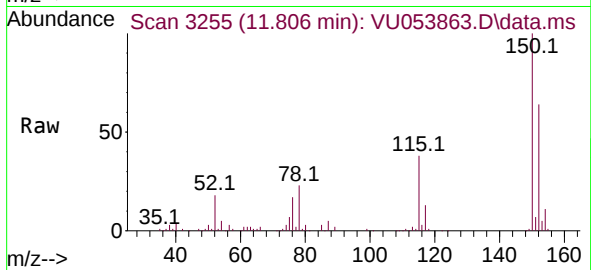
Acq: 24 Apr 2023 23:46

Instrument :

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Tgt Ion: 75 Resp: 7723

Ion Ratio Lower Upper

75 100

110 1.6 30.7 46.1#

77 34.8 26.2 39.4

