

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042423\
 Data File : VU053862.D
 Acq On : 24 Apr 2023 23:22
 Operator : JC/MD
 Sample : 03433-06 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE42

Quant Time: Apr 25 05:07:09 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)

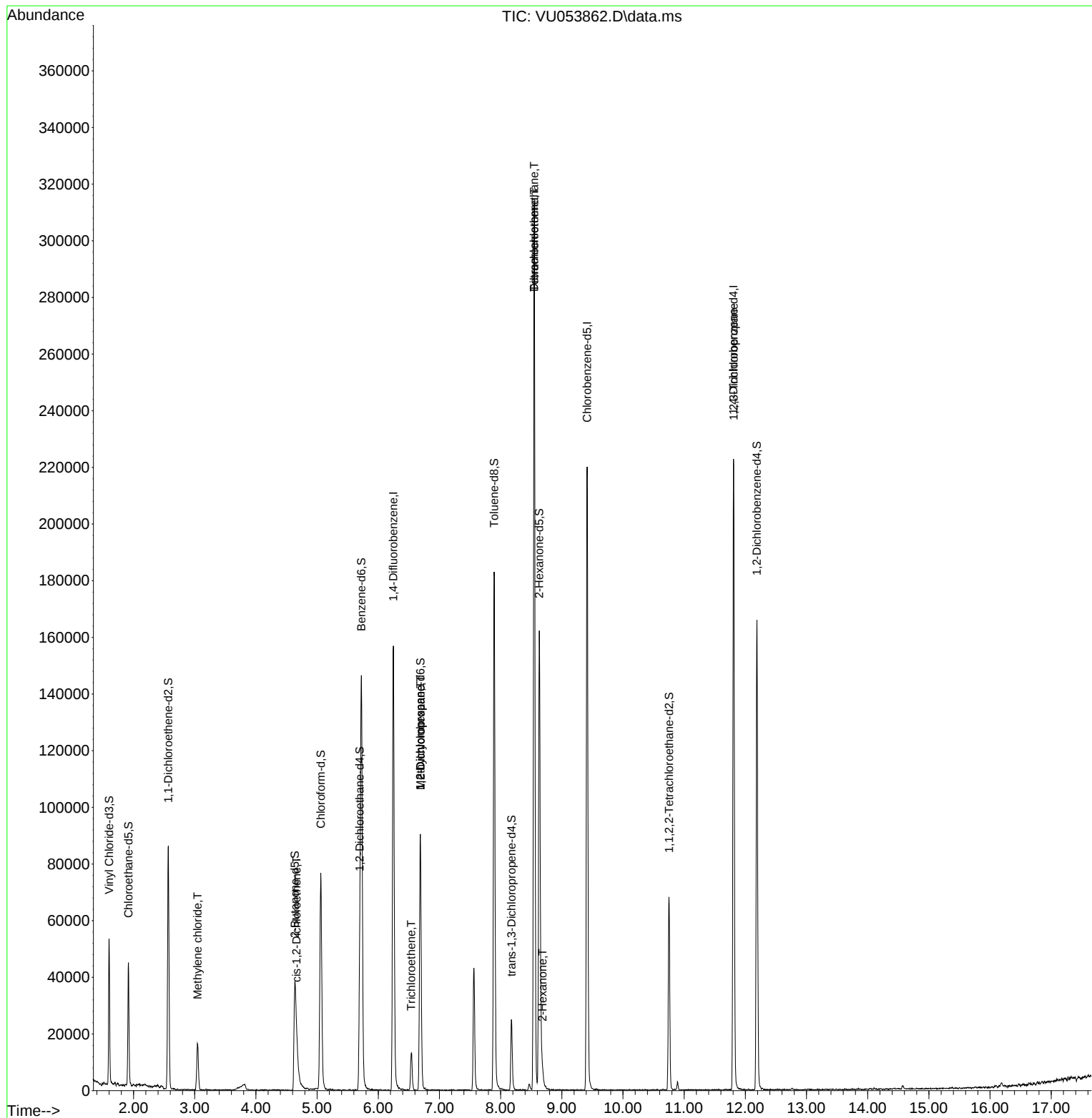
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	136149	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	130657	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	62523	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	38417	4.632	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.916	69	31980	4.595	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.565	65	15180	4.448	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	4.636	46	73864	48.631	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.260%
24) Chloroform-d	5.060	84	72204	4.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.697	65	35532	4.920	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.723	84	149621	4.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.687	67	45207	4.855	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.893	98	131757	4.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.179	79	15631	4.268	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.629	63	59883	46.205	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.420%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	35085	4.662	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	45735	4.561	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
16) Methylene chloride	3.044	84	8729	0.747	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	1615	0.165	ug/L	82
34) Trichloroethene	6.536	95	4978	0.496	ug/L	95
35) Methylcyclohexane	6.687	83	10578	0.682	ug/L #	22
37) 1,2-Dichloropropane	6.687	63	4472	0.489	ug/L #	87
47) Tetrachloroethene	8.549	164	68640	8.629	ug/L	97
48) 2-Hexanone	8.684	43	2499	0.798	ug/L #	67
49) Dibromochloromethane	8.549	129	67162	9.262	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	6783	1.407	ug/L #	64

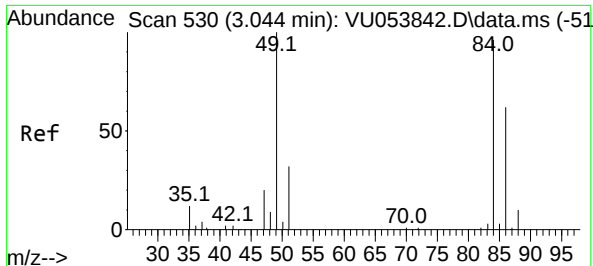
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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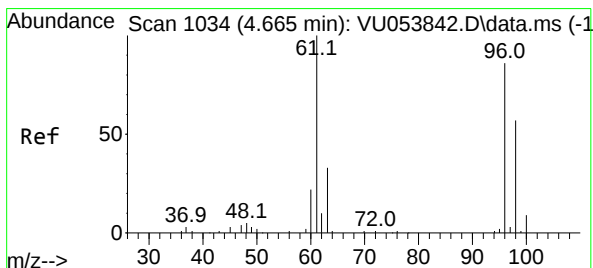
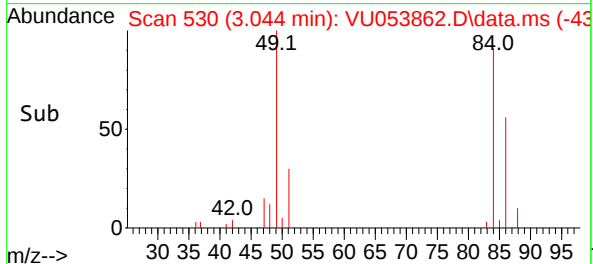
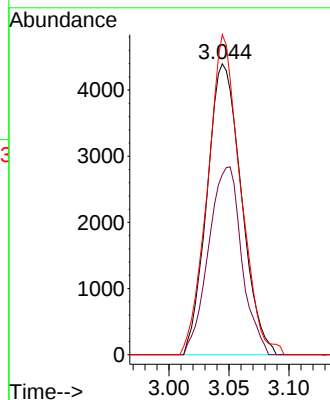
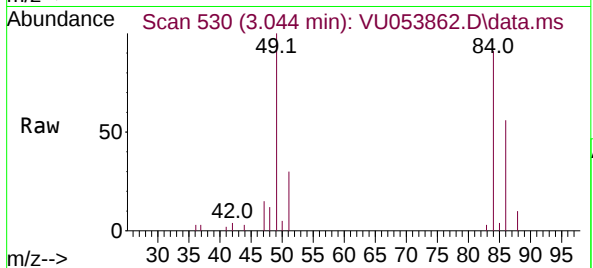




#16
Methylene chloride
Concen: 0.747 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU053862.D
Acq: 24 Apr 2023 23:22

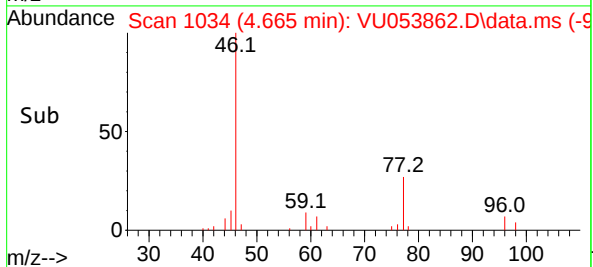
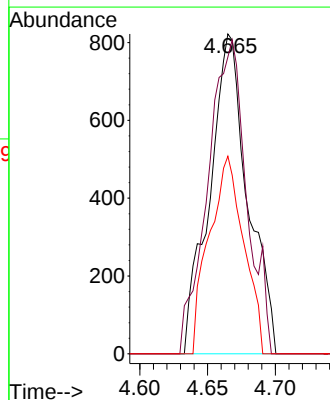
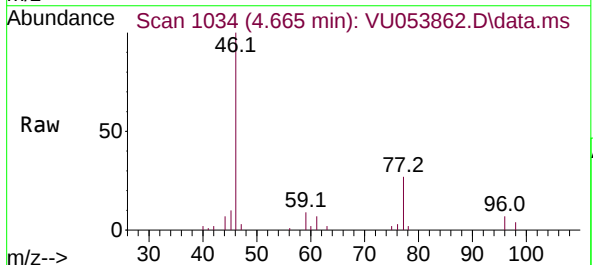
Instrument :
MSVOA_U
ClientSampleId :
BHE42

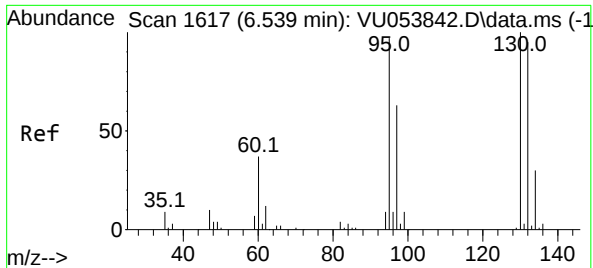
Tgt Ion: 84 Resp: 8729
Ion Ratio Lower Upper
84 100
86 61.9 45.0 83.6
49 110.0 74.8 138.8



#22
cis-1,2-Dichloroethene
Concen: 0.165 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU053862.D
Acq: 24 Apr 2023 23:22

Tgt Ion: 96 Resp: 1615
Ion Ratio Lower Upper
96 100
61 92.8 84.3 156.5
98 61.8 46.4 86.2



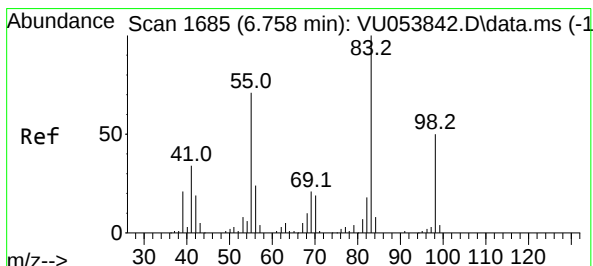
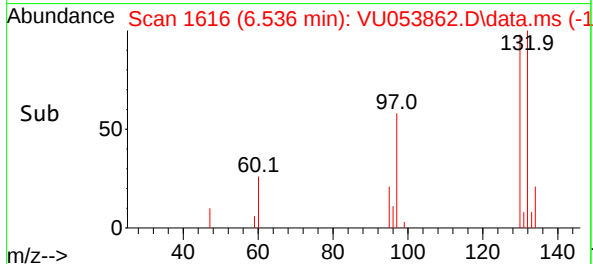
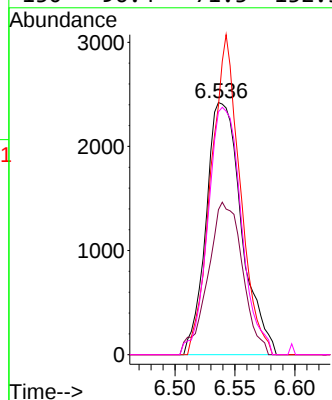
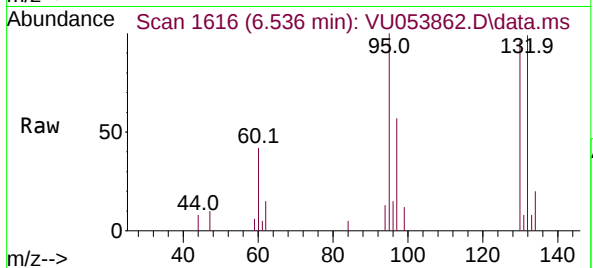


#34
Trichloroethene
Concen: 0.496 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU053862.D
Acq: 24 Apr 2023 23:22

Instrument :
MSVOA_U
ClientSampleId :
BHE42

Tgt Ion: 95 Resp: 4978

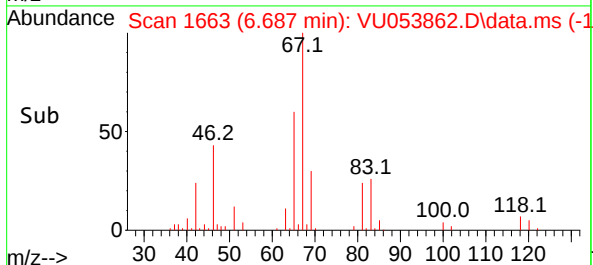
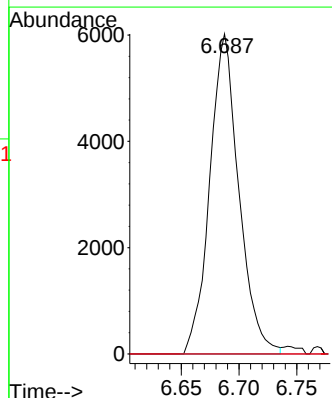
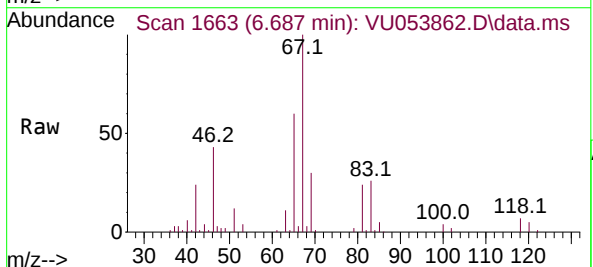
Ion	Ratio	Lower	Upper
95	100		
97	57.5	45.1	83.9
132	98.7	69.9	129.9
130	96.4	71.3	132.3

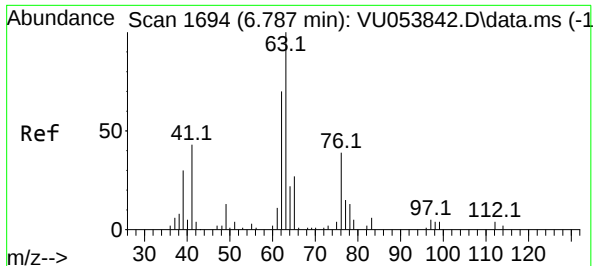


#35
Methylcyclohexane
Concen: 0.682 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU053862.D
Acq: 24 Apr 2023 23:22

Tgt Ion: 83 Resp: 10578

Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.4	83.2#
98	1.3	37.3	55.9#

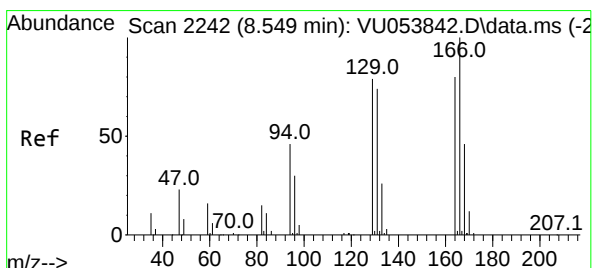
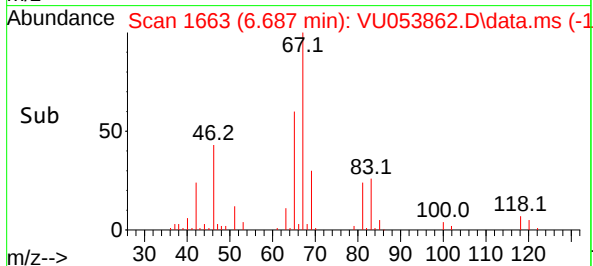
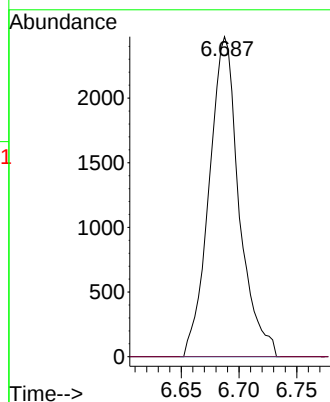
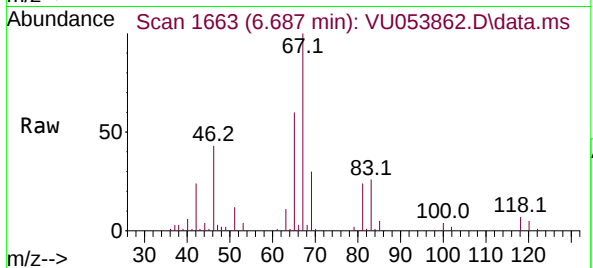




#37
1,2-Dichloropropane
Concen: 0.489 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU053862.D
Acq: 24 Apr 2023 23:22

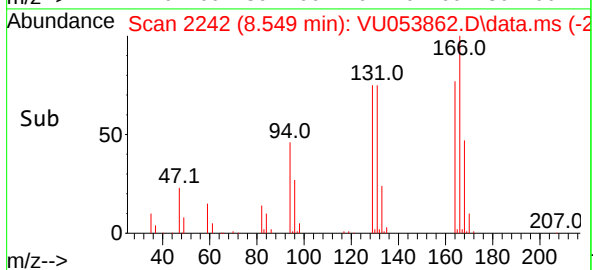
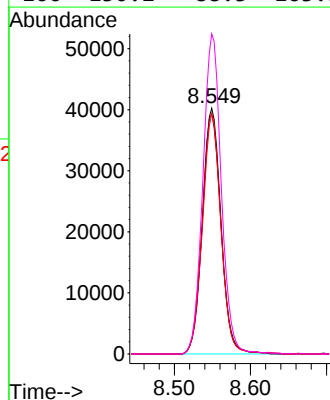
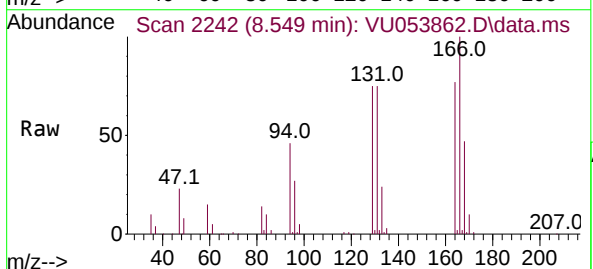
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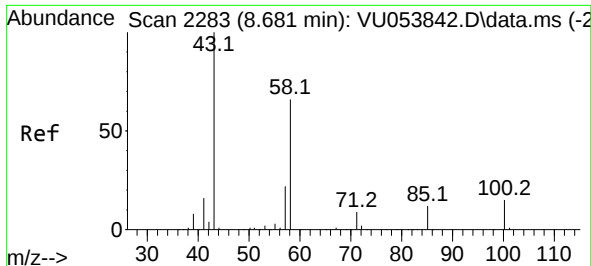
Tgt Ion: 63 Resp: 4472
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#47
Tetrachloroethene
Concen: 8.629 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053862.D
Acq: 24 Apr 2023 23:22

Tgt Ion: 164 Resp: 68640
Ion Ratio Lower Upper
164 100
129 97.7 68.3 126.8
131 97.8 64.4 119.6
166 130.2 88.3 163.9

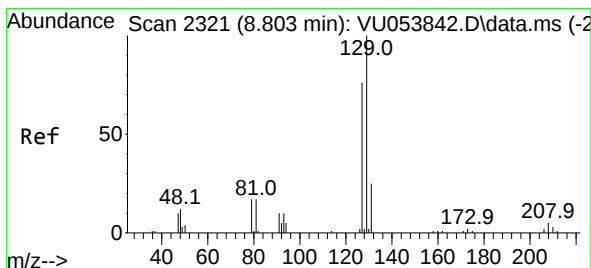
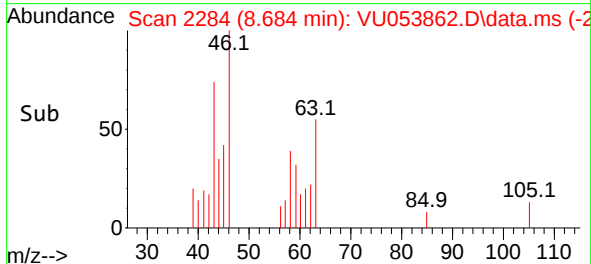
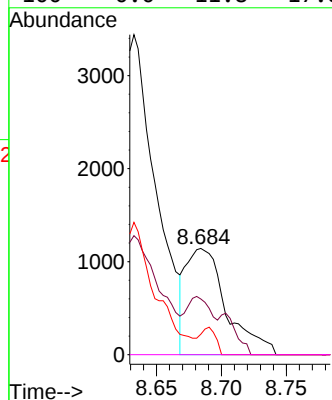
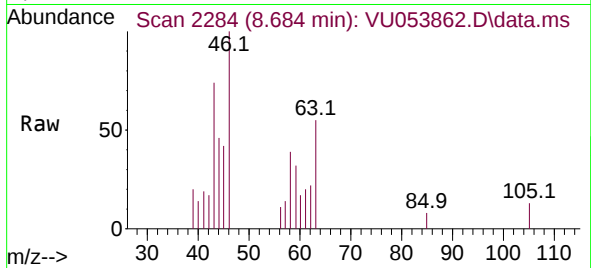




#48
2-Hexanone
Concen: 0.798 ug/L
RT: 8.684 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU053862.D
Acq: 24 Apr 2023 23:22

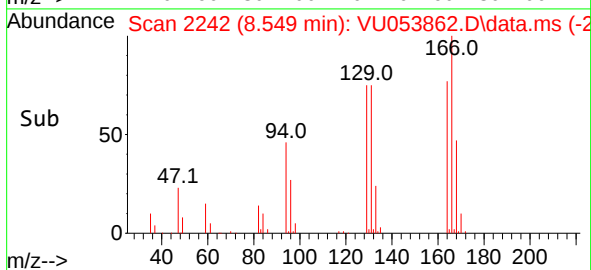
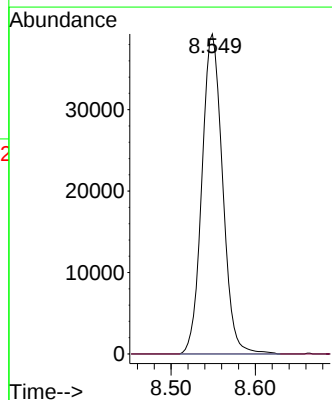
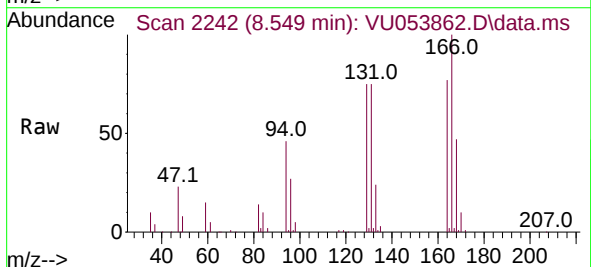
Instrument :
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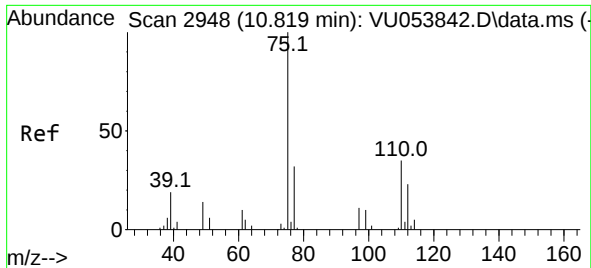
Tgt Ion: 43 Resp: 2499
Ion Ratio Lower Upper
43 100
58 35.8 49.8 74.6#
57 9.2 16.9 25.3#
100 0.0 11.8 17.8#



#49
Dibromochloromethane
Concen: 9.262 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.254 min
Lab File: VU053862.D
Acq: 24 Apr 2023 23:22

Tgt Ion: 129 Resp: 67162
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#





#61

1,2,3-Trichloropropane

Concen: 1.407 ug/L

RT: 11.809 min Scan# 31

Delta R.T. 0.991 min

Lab File: VU053862.D

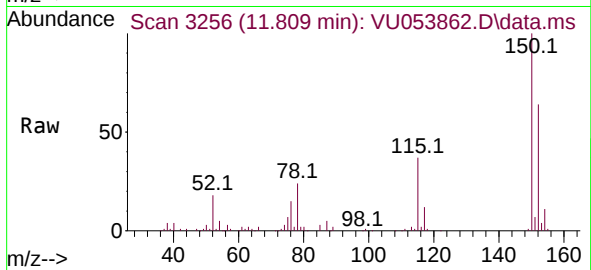
Acq: 24 Apr 2023 23:22

Instrument :

MSVOA_U

ClientSampleId :

BHE42



Tgt Ion: 75 Resp: 6783

Ion Ratio Lower Upper

75 100

110 1.7 30.7 46.1#

77 36.5 26.2 39.4

