

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042423\
 Data File : VU053872.D
 Acq On : 25 Apr 2023 03:47
 Operator : JC/MD
 Sample : 03433-21 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE56

Quant Time: Apr 25 06:24:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 25 06:22:49 2023
 Response via : Initial Calibration

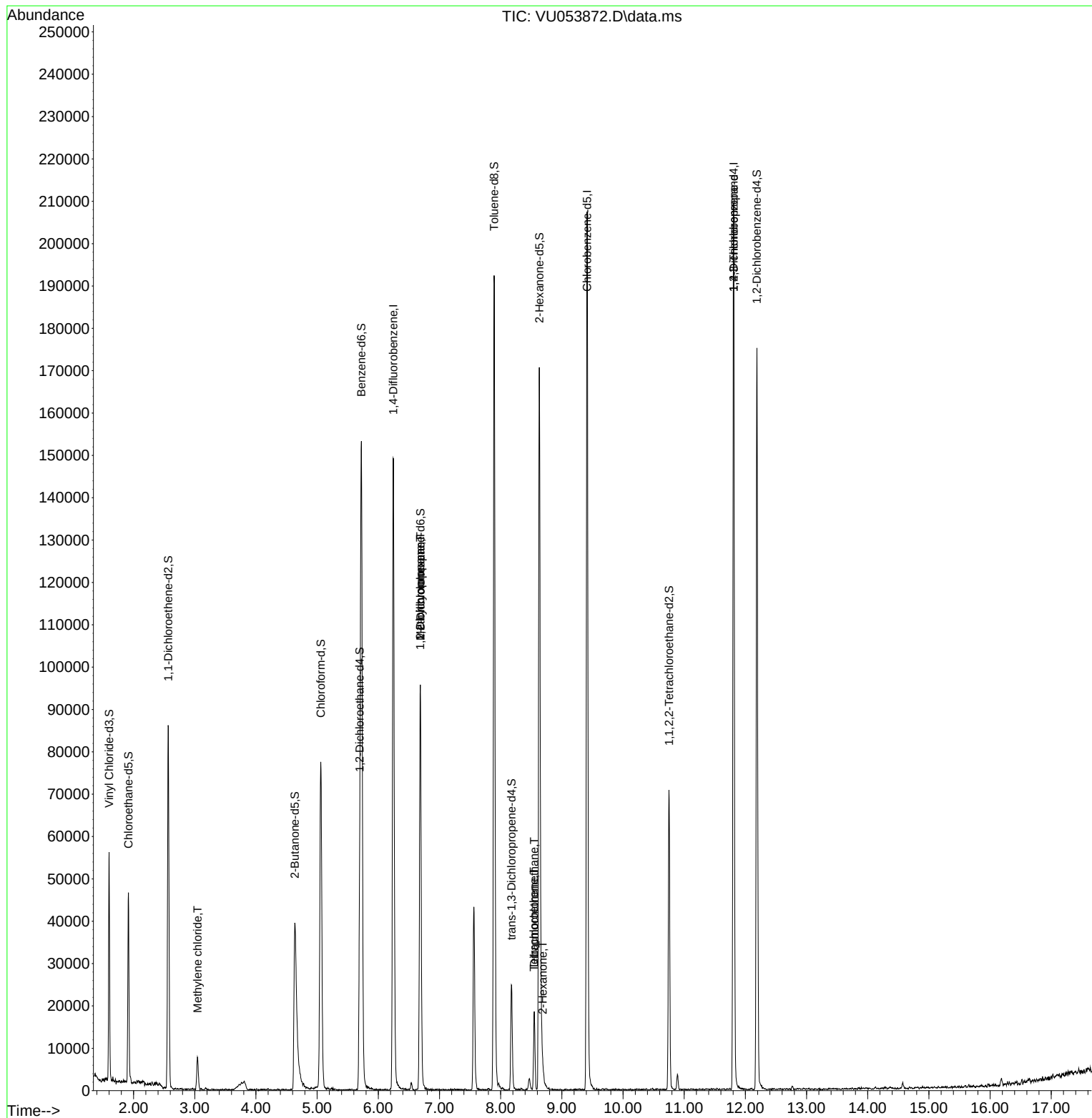
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	131118	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	122995	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	59447	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	39007	4.884	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.600%	
7) Chloroethane-d5	1.916	69	33556	5.006	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.200%	
11) 1,1-Dichloroethene-d2	2.565	65	16158	4.916	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	98.400%	
20) 2-Butanone-d5	4.636	46	78889	53.932	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.860%	
24) Chloroform-d	5.060	84	77310	5.137	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.800%	
26) 1,2-Dichloroethane-d4	5.697	65	36823	5.294	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.800%	
32) Benzene-d6	5.723	84	154488	5.332	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.600%	
36) 1,2-Dichloropropane-d6	6.687	67	47484	5.417	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.400%	
41) Toluene-d8	7.893	98	137638	5.090	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.800%	
43) trans-1,3-Dichloroprop...	8.176	79	16303	4.729	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.600%	
46) 2-Hexanone-d5	8.632	63	63861	52.344	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.680%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	35501	5.012	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.200%	
66) 1,2-Dichlorobenzene-d4	12.189	152	48073	5.042	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.800%	
Target Compounds						
16) Methylene chloride	3.044	84	4107	0.365	ug/L	91
35) Methylcyclohexane	6.687	83	11493	0.788	ug/L #	22
37) 1,2-Dichloropropane	6.684	63	4722	0.549	ug/L #	87
47) Tetrachloroethene	8.546	164	3964	0.529	ug/L	92
48) 2-Hexanone	8.687	43	2304	0.781	ug/L #	73
49) Dibromochloromethane	8.549	129	3762	0.551	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	6821	1.488	ug/L #	62

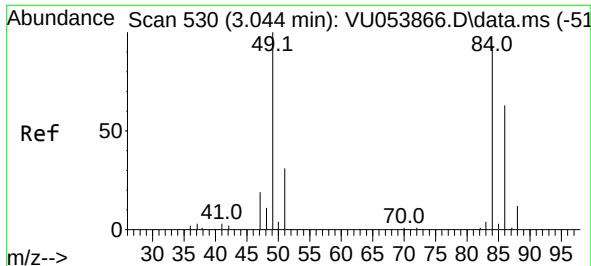
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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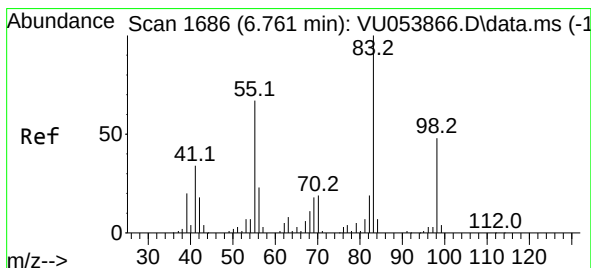
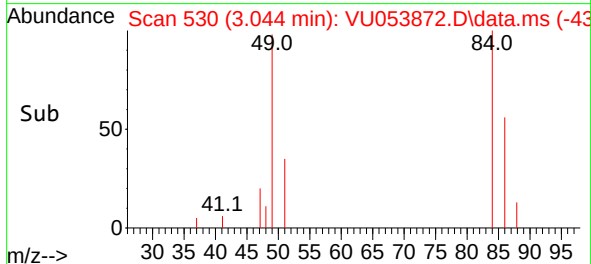
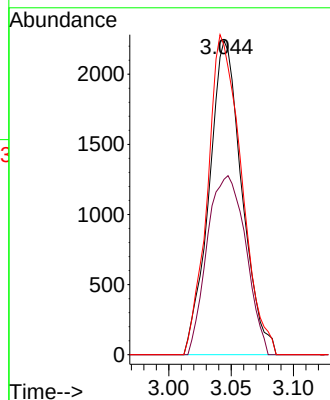
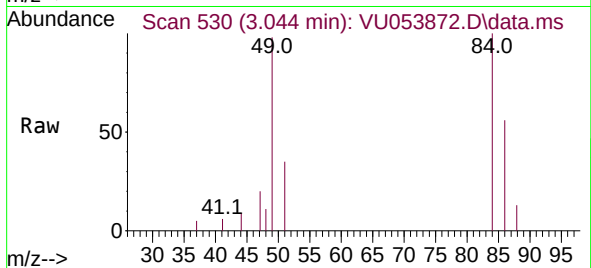




#16
Methylene chloride
Concen: 0.365 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU053872.D
Acq: 25 Apr 2023 03:47

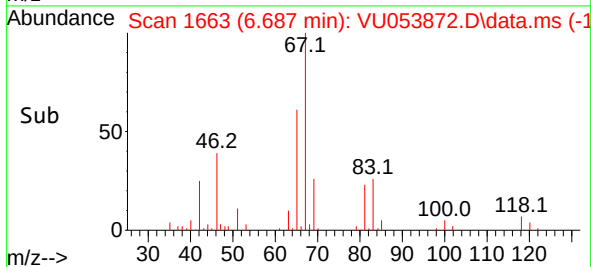
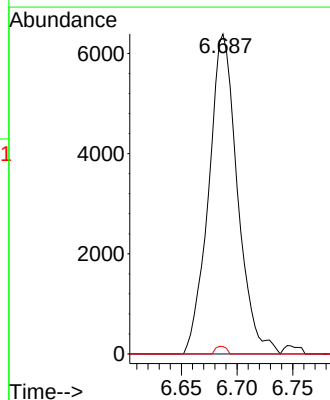
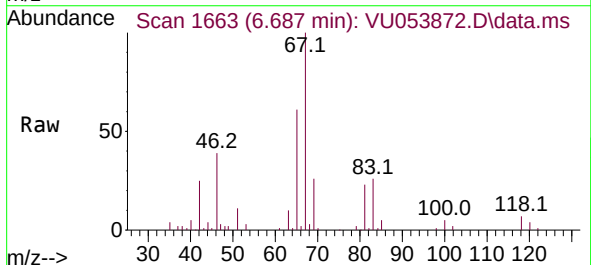
Instrument :
MSVOA_U
ClientSampleId :
BHE56

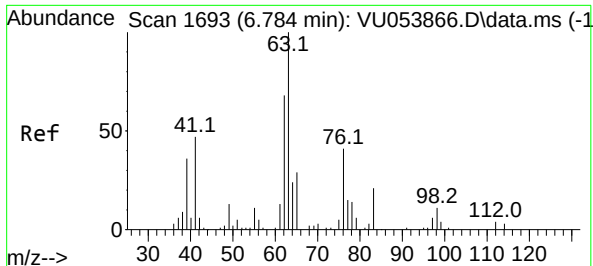
Tgt Ion: 84 Resp: 4107
Ion Ratio Lower Upper
84 100
86 55.9 45.0 83.6
49 98.5 74.8 138.8



#35
Methylcyclohexane
Concen: 0.788 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU053872.D
Acq: 25 Apr 2023 03:47

Tgt Ion: 83 Resp: 11493
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.2#
98 0.9 37.3 55.9#

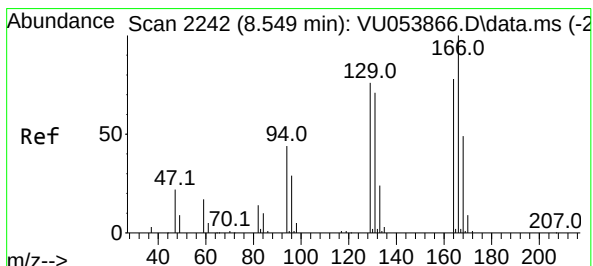
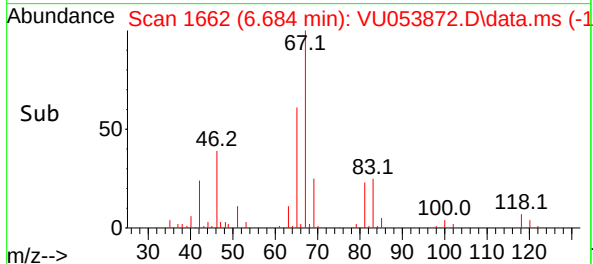
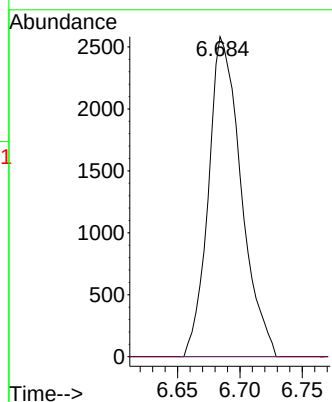
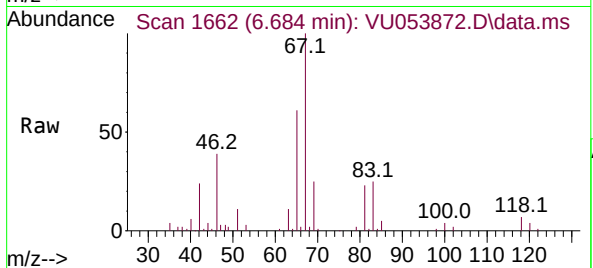




#37
1,2-Dichloropropane
Concen: 0.549 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU053872.D
Acq: 25 Apr 2023 03:47

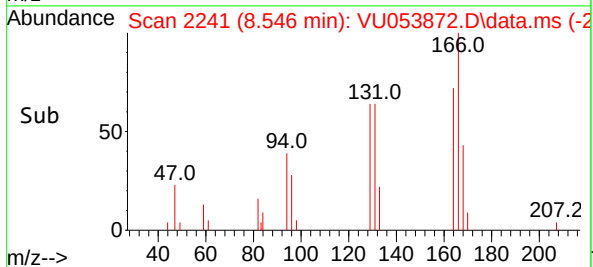
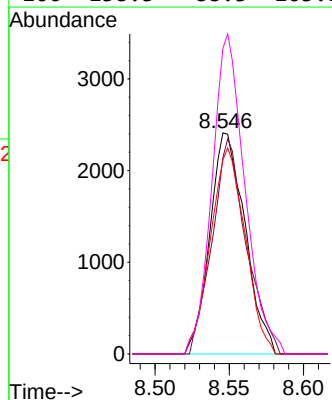
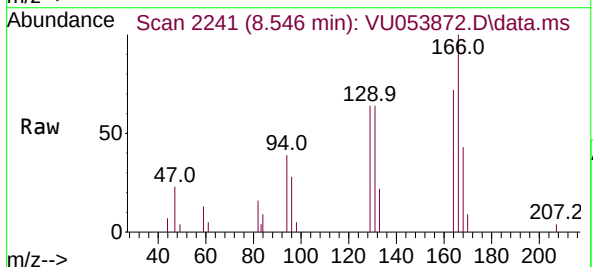
Instrument :
MSVOA_U
ClientSampleId :
BHE56

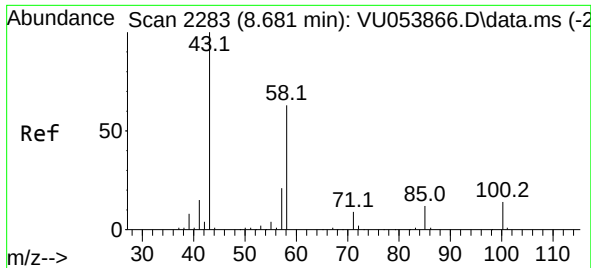
Tgt Ion: 63 Resp: 4722
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#47
Tetrachloroethene
Concen: 0.529 ug/L
RT: 8.546 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VU053872.D
Acq: 25 Apr 2023 03:47

Tgt Ion: 164 Resp: 3964
Ion Ratio Lower Upper
164 100
129 88.9 68.3 126.8
131 87.9 64.4 119.6
166 138.3 88.3 163.9

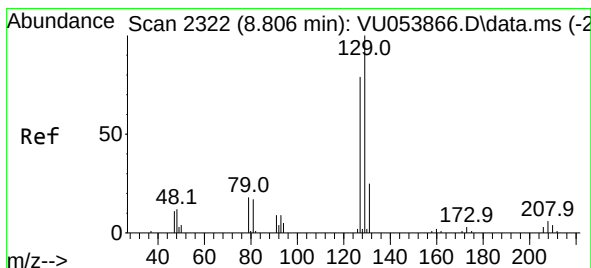
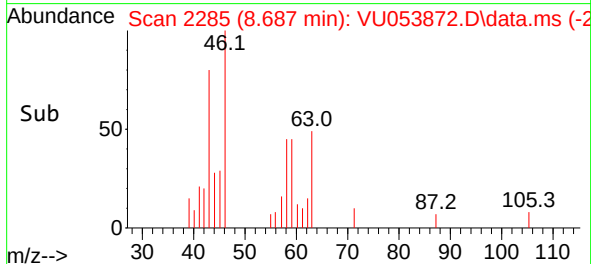
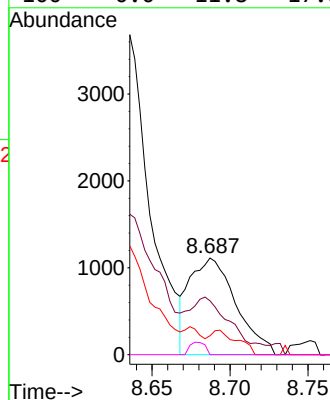
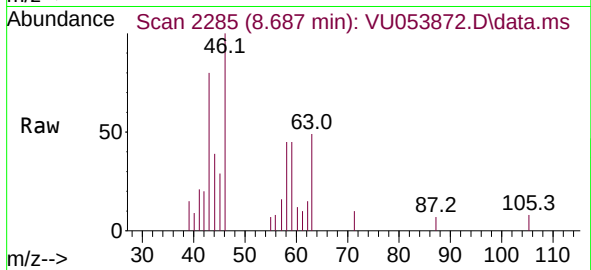




#48
2-Hexanone
Concen: 0.781 ug/L
RT: 8.687 min Scan# 211
Delta R.T. 0.006 min
Lab File: VU053872.D
Acq: 25 Apr 2023 03:47

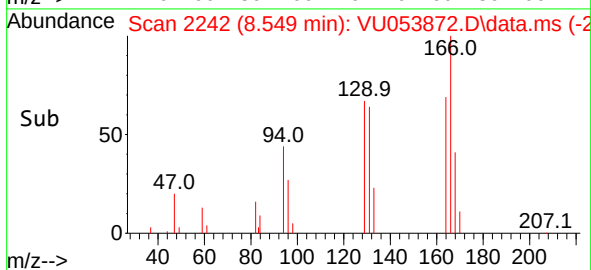
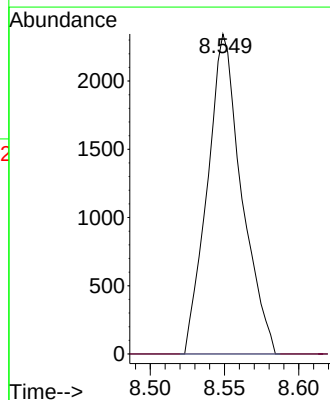
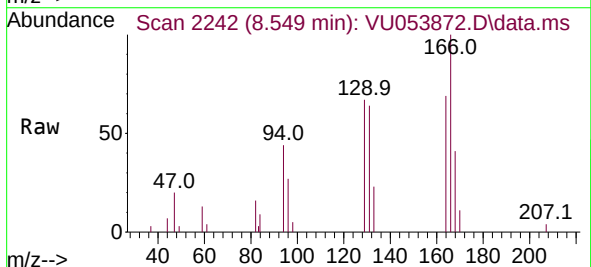
Instrument :
MSVOA_U
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BHE56

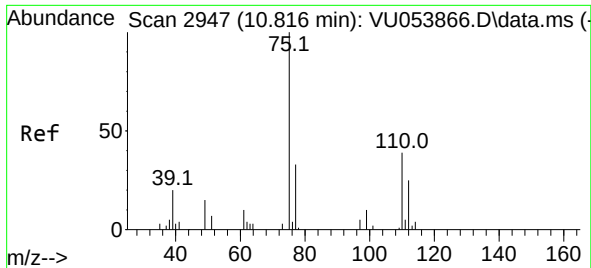
Tgt Ion: 43	Resp:	2304
Ion	Ratio	Lower Upper
43	100	
58	39.9	49.8 74.6#
57	14.7	16.9 25.3#
100	0.0	11.8 17.8#



#49
Dibromochloromethane
Concen: 0.551 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU053872.D
Acq: 25 Apr 2023 03:47

Tgt Ion: 129	Resp:	3762
Ion	Ratio	Lower Upper
129	100	
127	0.0	55.7 103.5#





#61

1,2,3-Trichloropropane

Concen: 1.488 ug/L

RT: 11.809 min Scan# 31

Delta R.T. 0.994 min

Lab File: VU053872.D

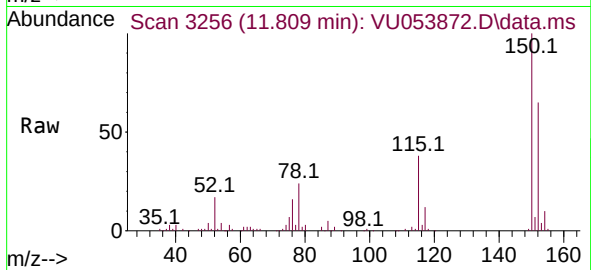
Acq: 25 Apr 2023 03:47

Instrument :

MSVOA_U

ClientSampleId :

BHE56



Tgt Ion: 75 Resp: 6821

Ion Ratio Lower Upper

75 100

110 0.3 30.7 46.1#

77 37.3 26.2 39.4

