

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042423\
 Data File : VU053870.D
 Acq On : 25 Apr 2023 02:59
 Operator : JC/MD
 Sample : 03433-19 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE54

Quant Time: Apr 25 06:24:22 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)

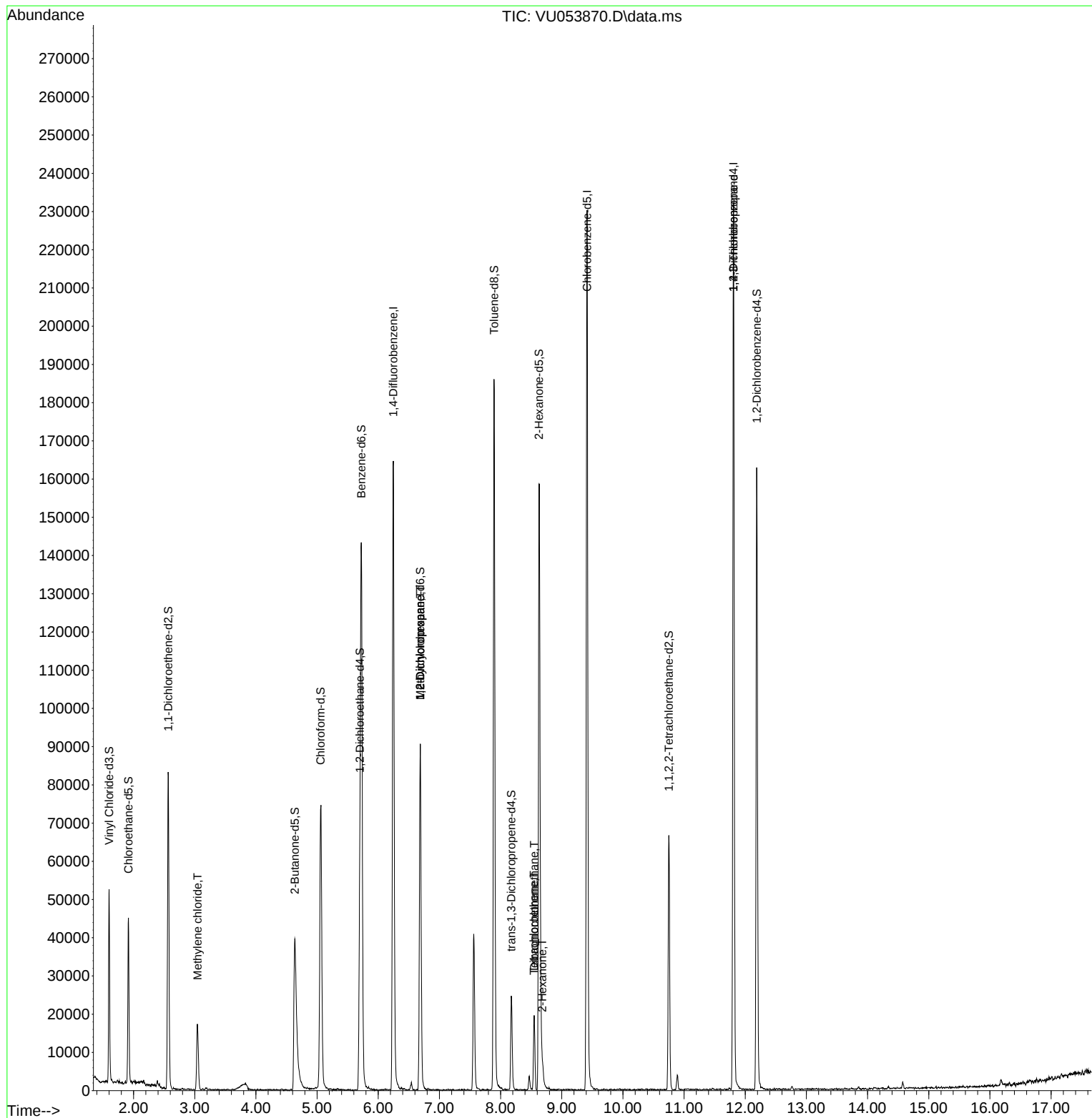
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	146335	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	138433	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	65669	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	37227	4.176	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.915	69	32503	4.345	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.568	65	15101	4.117	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	4.636	46	75740	46.395	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.780%
24) Chloroform-d	5.057	84	73366	4.368	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.700	65	34743	4.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.722	84	146468	4.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.687	67	44852	4.546	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.893	98	132504	4.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.176	79	15557	4.009	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.629	63	61105	44.500	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.000%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	34134	4.281	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	46841	4.447	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.044	84	8996	0.716	ug/L	90
35) Methylcyclohexane	6.687	83	10489	0.639	ug/L #	22
37) 1,2-Dichloropropane	6.687	63	4411	0.456	ug/L #	87
47) Tetrachloroethene	8.545	164	4211	0.500	ug/L	91
48) 2-Hexanone	8.680	43	2198	0.662	ug/L #	80
49) Dibromochloromethane	8.549	129	4217	0.549	ug/L #	10
61) 1,2,3-Trichloropropane	11.806	75	7750	1.530	ug/L #	63

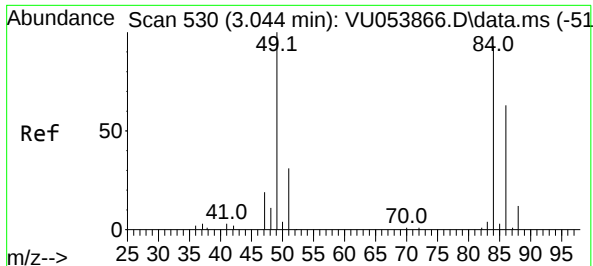
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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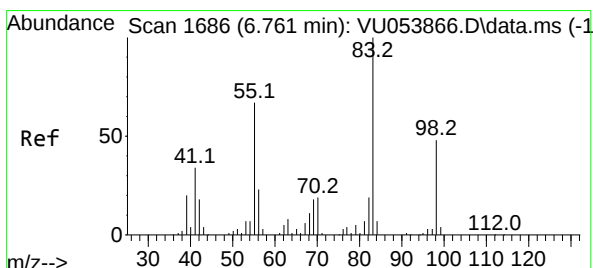
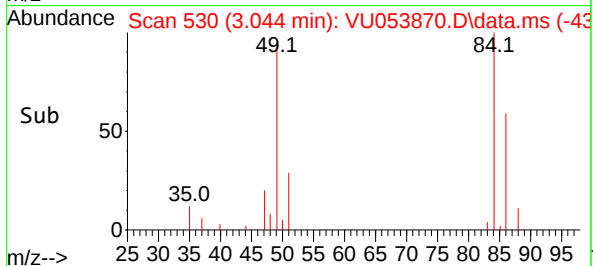
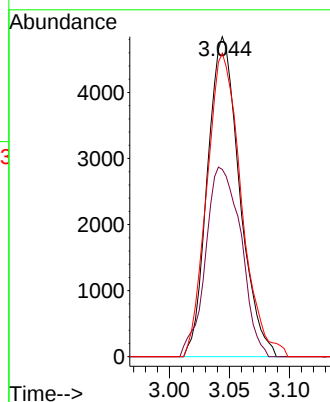
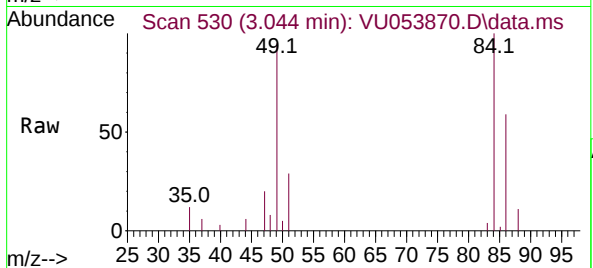




#16
Methylene chloride
Concen: 0.716 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU053870.D
Acq: 25 Apr 2023 02:59

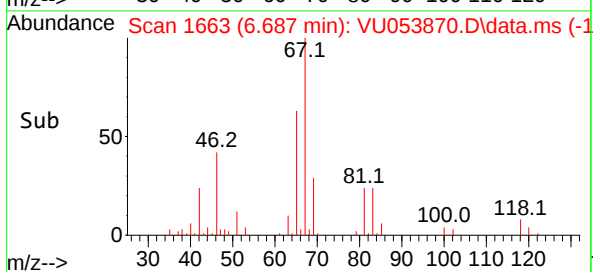
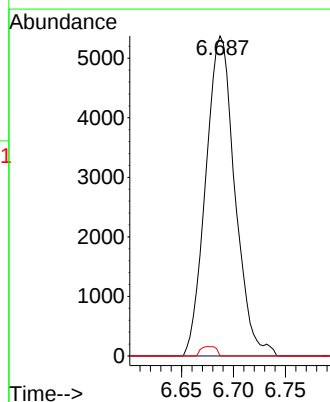
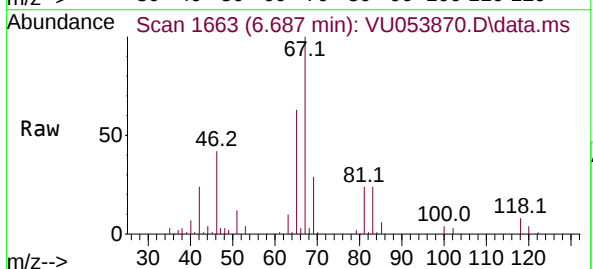
Instrument :
MSVOA_U
ClientSampleId :
BHE54

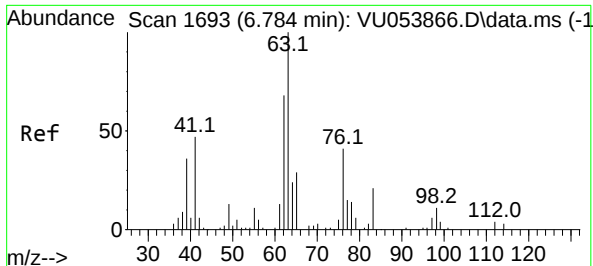
Tgt Ion:	84	Resp:	8996
Ion	Ratio	Lower	Upper
84	100		
86	58.5	45.0	83.6
49	94.8	74.8	138.8



#35
Methylcyclohexane
Concen: 0.639 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU053870.D
Acq: 25 Apr 2023 02:59

Tgt Ion:	83	Resp:	10489
Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.4	83.2#
98	1.6	37.3	55.9#





#37

1,2-Dichloropropane

Concen: 0.456 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU053870.D

Acq: 25 Apr 2023 02:59

Instrument :

MSVOA_U

ClientSampleId :

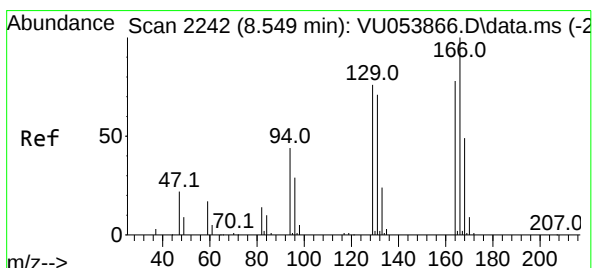
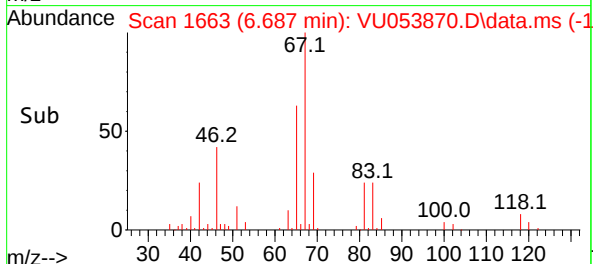
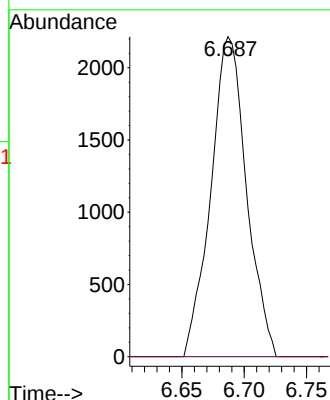
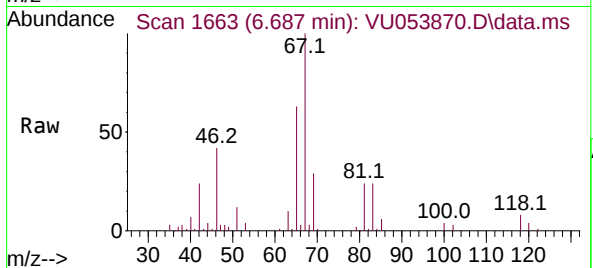
BHE54

Tgt Ion: 63 Resp: 4411

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#47

Tetrachloroethene

Concen: 0.500 ug/L

RT: 8.545 min Scan# 2241

Delta R.T. -0.003 min

Lab File: VU053870.D

Acq: 25 Apr 2023 02:59

Tgt Ion: 164 Resp: 4211

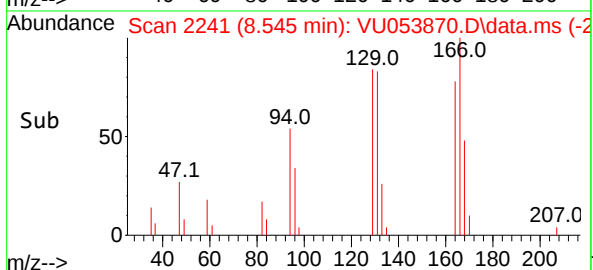
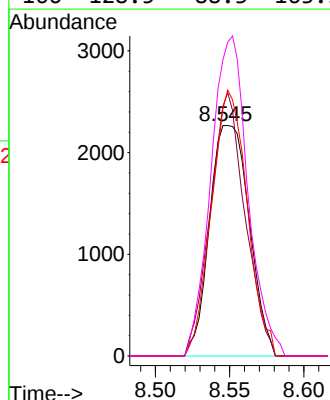
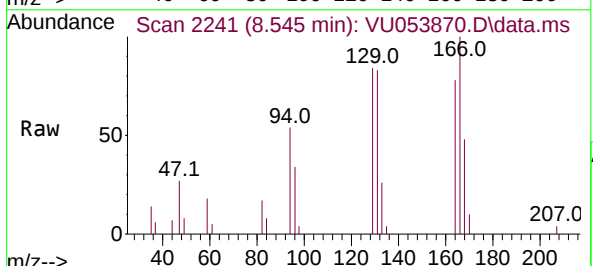
Ion Ratio Lower Upper

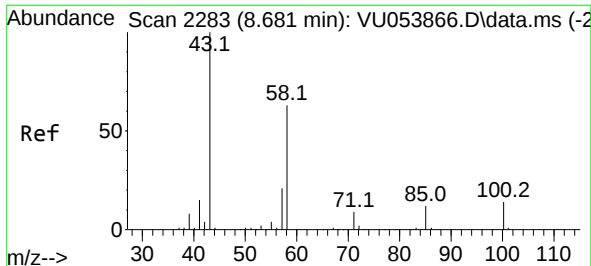
164 100

129 108.4 68.3 126.8

131 107.3 64.4 119.6

166 128.5 88.3 163.9

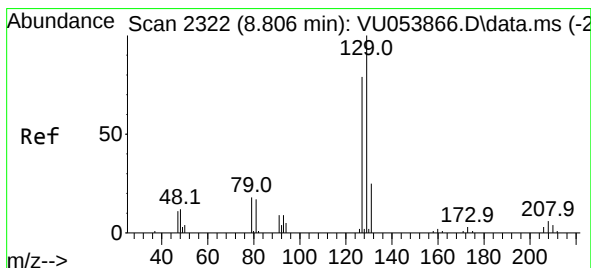
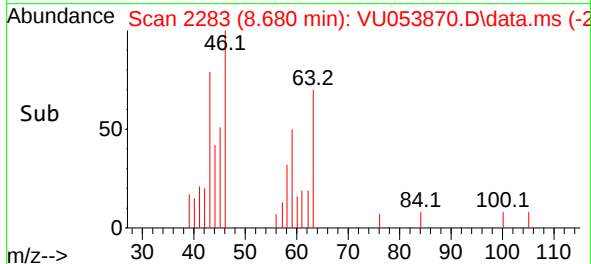
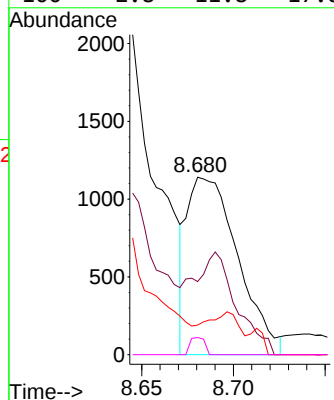
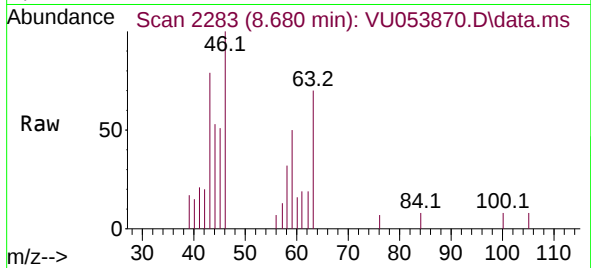




#48
2-Hexanone
Concen: 0.662 ug/L
RT: 8.680 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU053870.D
Acq: 25 Apr 2023 02:59

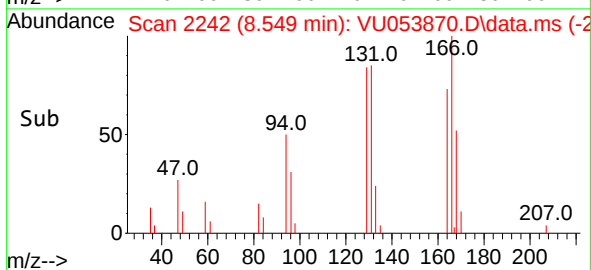
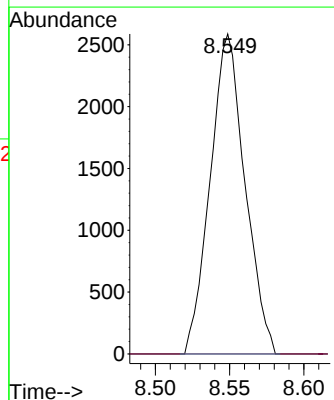
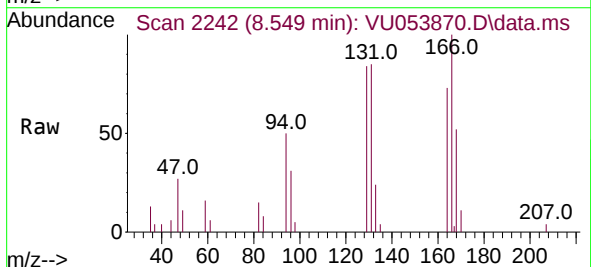
Instrument :
MSVOA_U
ClientSampleId :
BHE54

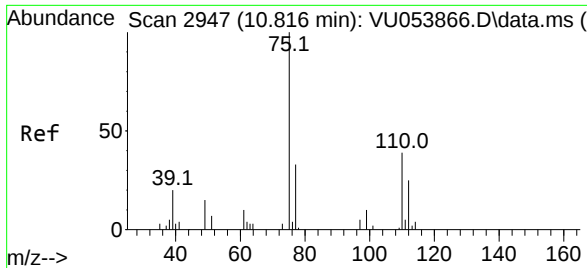
Tgt Ion: 43	Resp:	2198	
Ion	Ratio	Lower	Upper
43	100		
58	50.1	49.8	74.6
57	7.8	16.9	25.3#
100	2.8	11.8	17.8#



#49
Dibromochloromethane
Concen: 0.549 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU053870.D
Acq: 25 Apr 2023 02:59

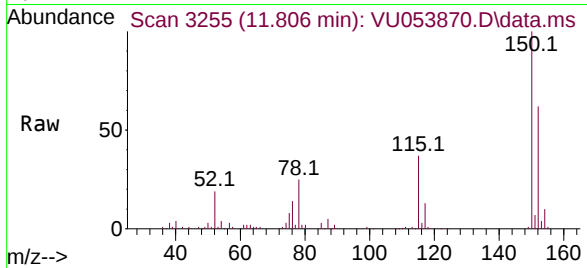
Tgt Ion:129	Resp:	4217	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.7	103.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.530 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU053870.D
 Acq: 25 Apr 2023 02:59

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE54



Tgt Ion: 75 Resp: 7750
 Ion Ratio Lower Upper
 75 100
 110 1.7 30.7 46.1#
 77 27.4 26.2 39.4

