

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042423\
 Data File : VU053871.D
 Acq On : 25 Apr 2023 03:23
 Operator : JC/MD
 Sample : 03433-20 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE55

Quant Time: Apr 25 06:24:37 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)

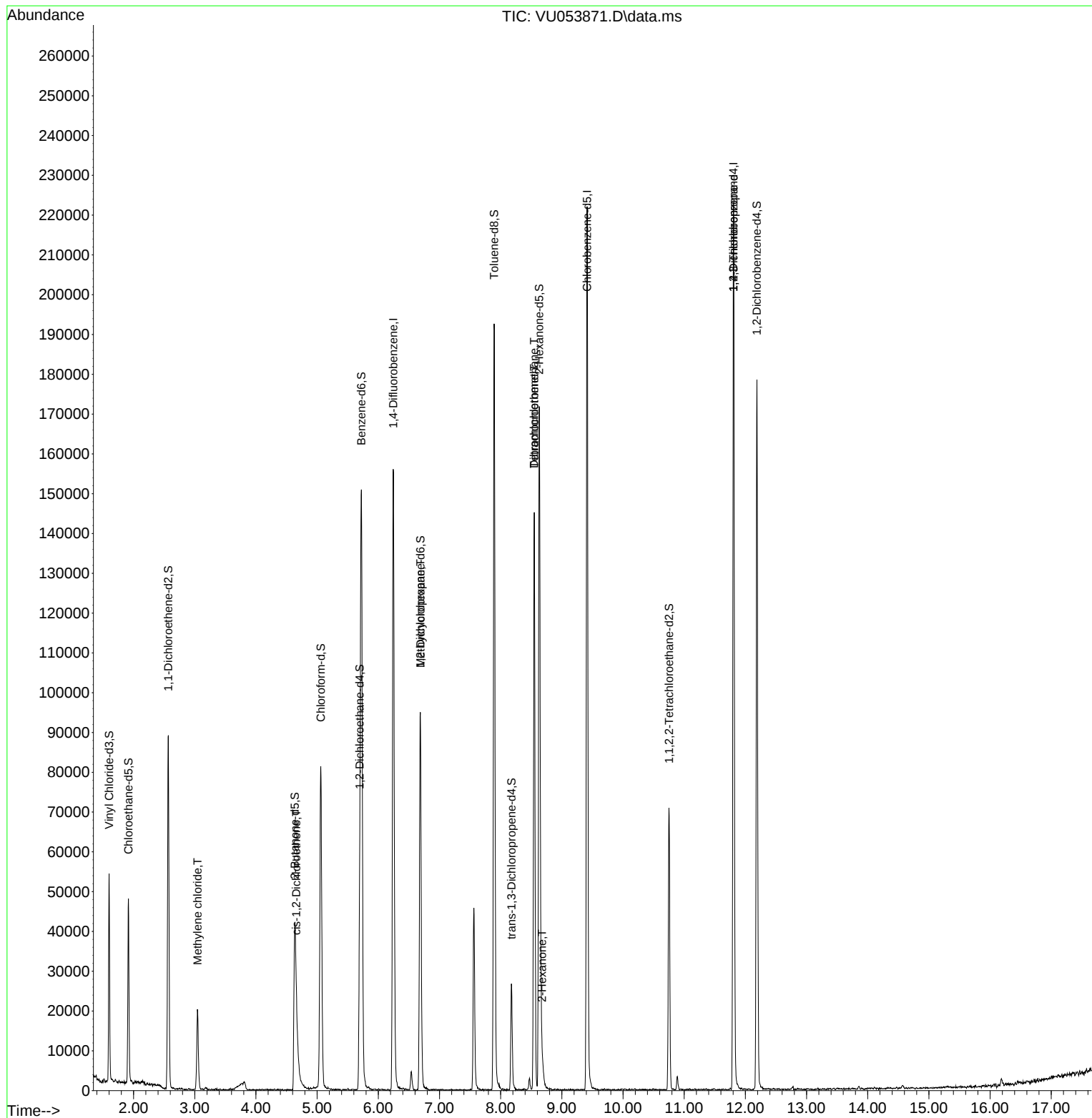
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	139127	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	131815	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	64752	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	38291	4.518	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.916	69	34247	4.815	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.568	65	16020	4.594	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.800%
20) 2-Butanone-d5	4.636	46	79342	51.119	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.240%
24) Chloroform-d	5.060	84	76178	4.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.697	65	36652	4.967	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.723	84	153619	4.947	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.687	67	48296	5.141	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.893	98	137888	4.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	8.176	79	16876	4.568	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.629	63	64393	49.249	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.500%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	35315	4.652	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	50245	4.838	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.044	84	9957	0.834	ug/L	93
22) cis-1,2-Dichloroethene	4.658	96	1072	0.107	ug/L #	68
35) Methylcyclohexane	6.687	83	11280	0.721	ug/L #	22
47) Tetrachloroethene	8.549	164	31952	3.982	ug/L	98
48) 2-Hexanone	8.677	43	2566	0.812	ug/L #	75
49) Dibromochloromethane	8.549	129	31385	4.290	ug/L #	10
61) 1,2,3-Trichloropropane	11.806	75	7197	1.441	ug/L #	66

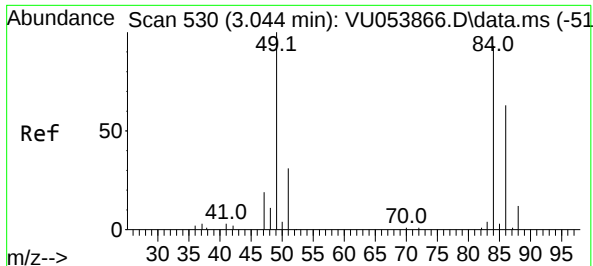
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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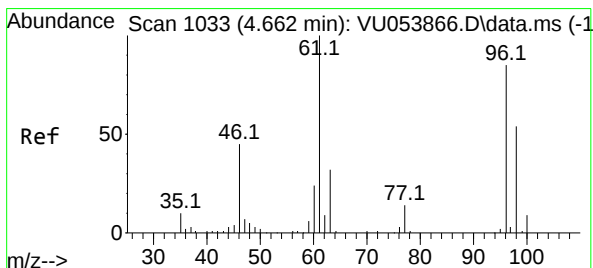
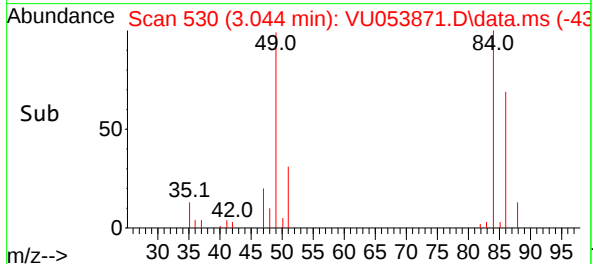
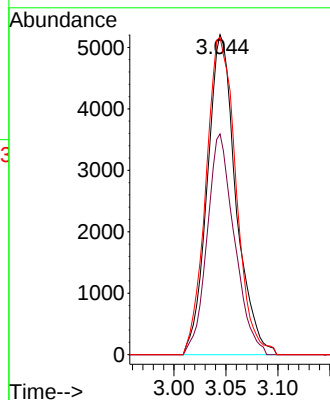
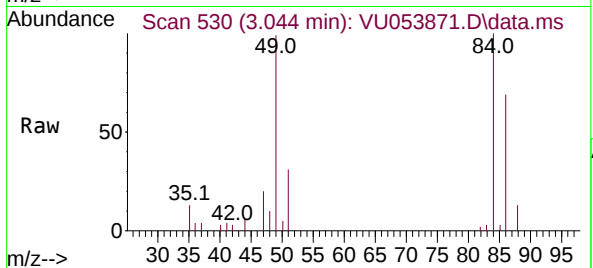




#16
Methylene chloride
Concen: 0.834 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU053871.D
Acq: 25 Apr 2023 03:23

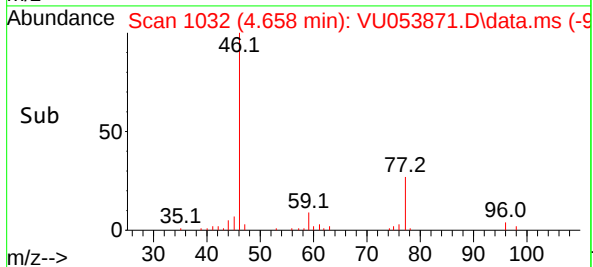
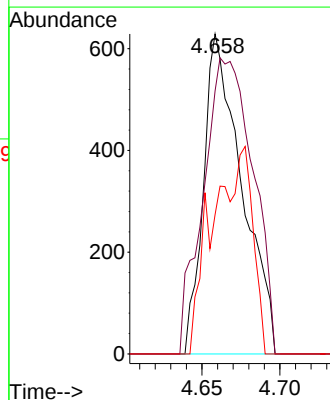
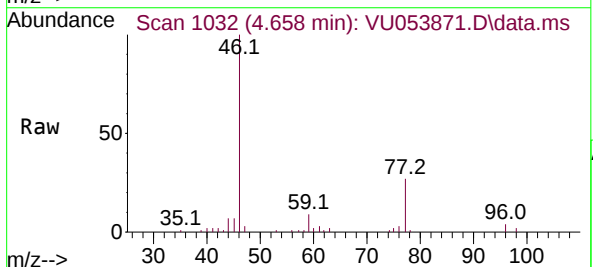
Instrument :
MSVOA_U
ClientSampleId :
BHE55

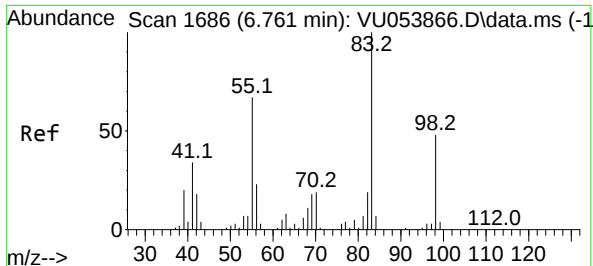
Tgt Ion:	84	Resp:	9957
Ion	Ratio	Lower	Upper
84	100		
86	69.0	45.0	83.6
49	99.2	74.8	138.8



#22
cis-1,2-Dichloroethene
Concen: 0.107 ug/L
RT: 4.658 min Scan# 1032
Delta R.T. -0.003 min
Lab File: VU053871.D
Acq: 25 Apr 2023 03:23

Tgt Ion:	96	Resp:	1072
Ion	Ratio	Lower	Upper
96	100		
61	82.2	84.3	156.5#
98	43.6	46.4	86.2#





#35

Methylcyclohexane

Concen: 0.721 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU053871.D

Acq: 25 Apr 2023 03:23

Instrument :

MSVOA_U

ClientSampleId :

BHE55

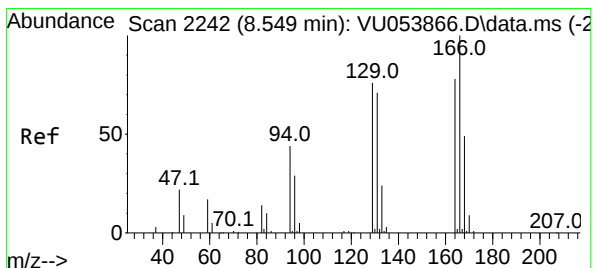
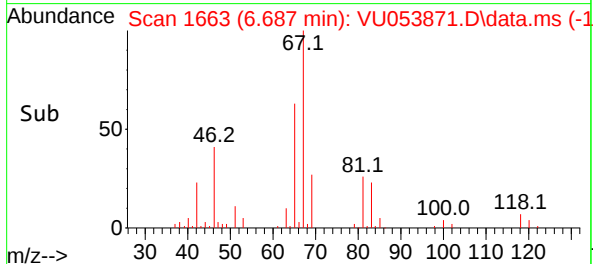
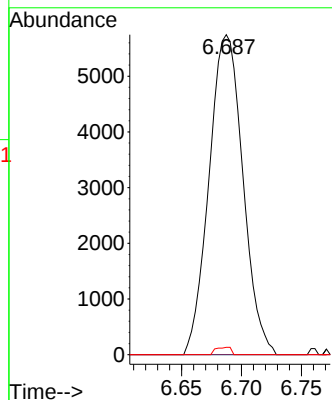
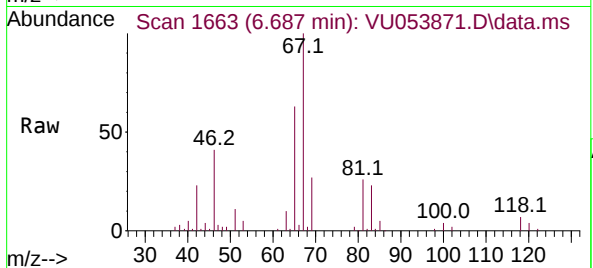
Tgt Ion: 83 Resp: 11280

Ion Ratio Lower Upper

83 100

55 0.0 55.4 83.2#

98 1.0 37.3 55.9#



#47

Tetrachloroethene

Concen: 3.982 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. 0.000 min

Lab File: VU053871.D

Acq: 25 Apr 2023 03:23

Tgt Ion: 164 Resp: 31952

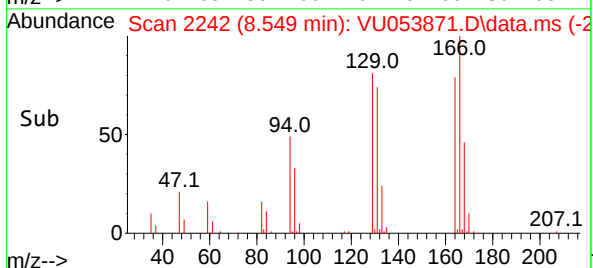
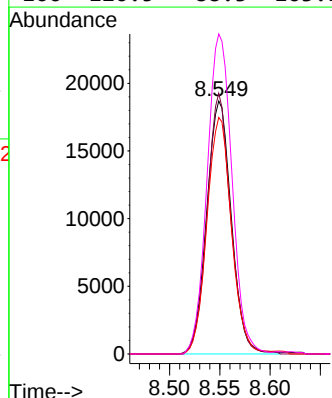
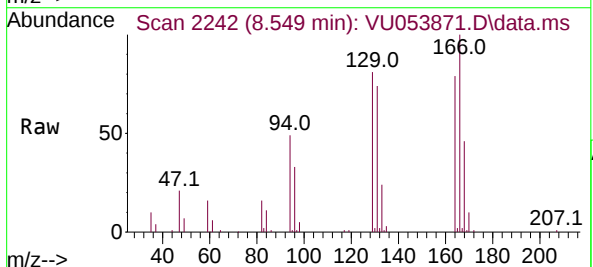
Ion Ratio Lower Upper

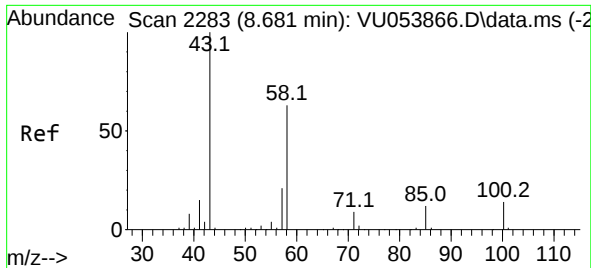
164 100

129 103.0 68.3 126.8

131 93.5 64.4 119.6

166 126.5 88.3 163.9

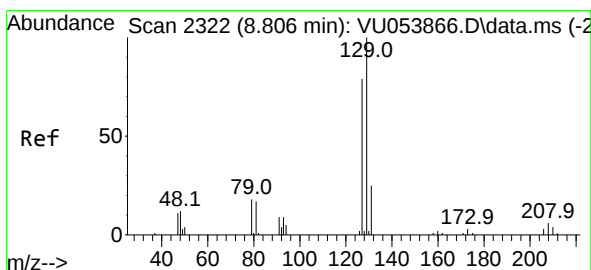
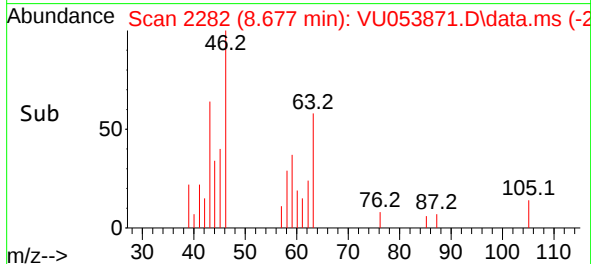
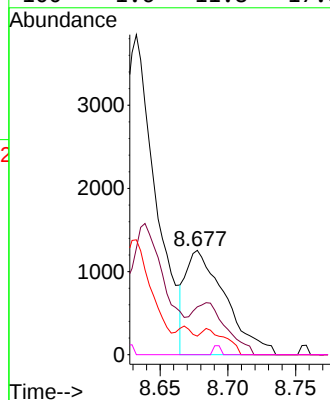
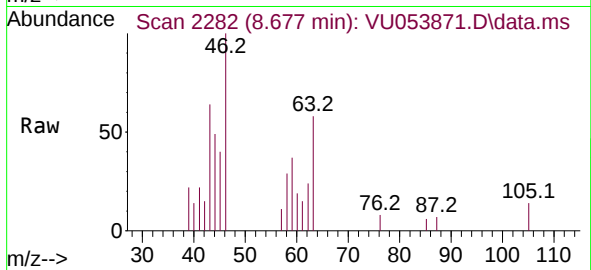




#48
2-Hexanone
Concen: 0.812 ug/L
RT: 8.677 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU053871.D
Acq: 25 Apr 2023 03:23

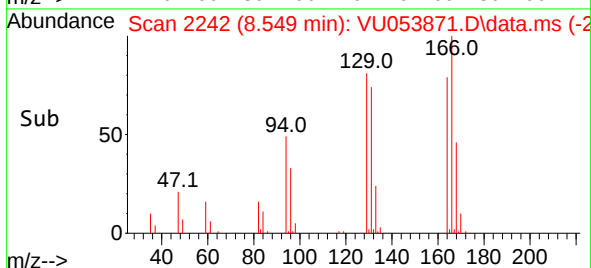
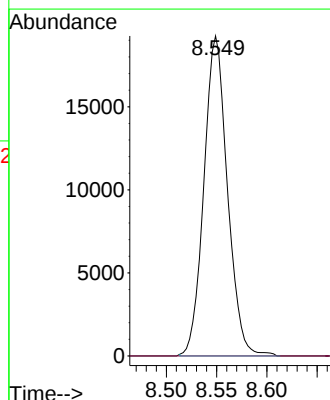
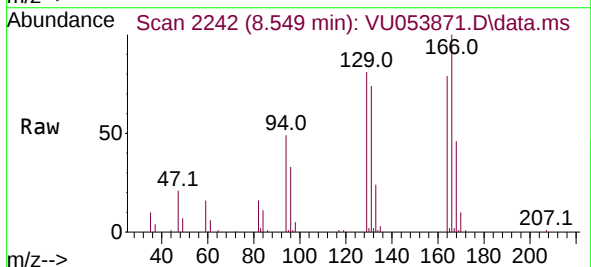
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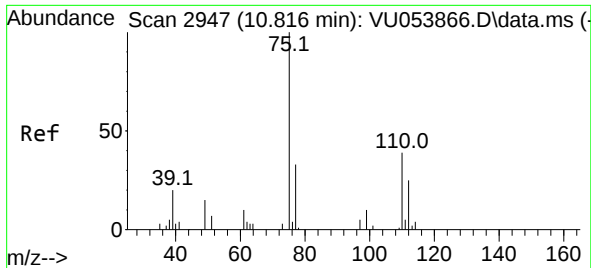
Tgt Ion: 43	Resp: 2566
Ion Ratio	Lower Upper
43 100	
58 40.4	49.8 74.6#
57 15.2	16.9 25.3#
100 1.6	11.8 17.8#



#49
Dibromochloromethane
Concen: 4.290 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU053871.D
Acq: 25 Apr 2023 03:23

Tgt Ion:129	Resp:	31385	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.7	103.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.441 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU053871.D
 Acq: 25 Apr 2023 03:23

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE55

Tgt Ion: 75 Resp: 7197
 Ion Ratio Lower Upper
 75 100
 110 1.0 30.7 46.1#
 77 34.2 26.2 39.4

