

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042423\
 Data File : VU053846.D
 Acq On : 24 Apr 2023 16:55
 Operator : JC/MD
 Sample : 02392-13 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE33

Quant Time: Apr 25 05:03:21 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)

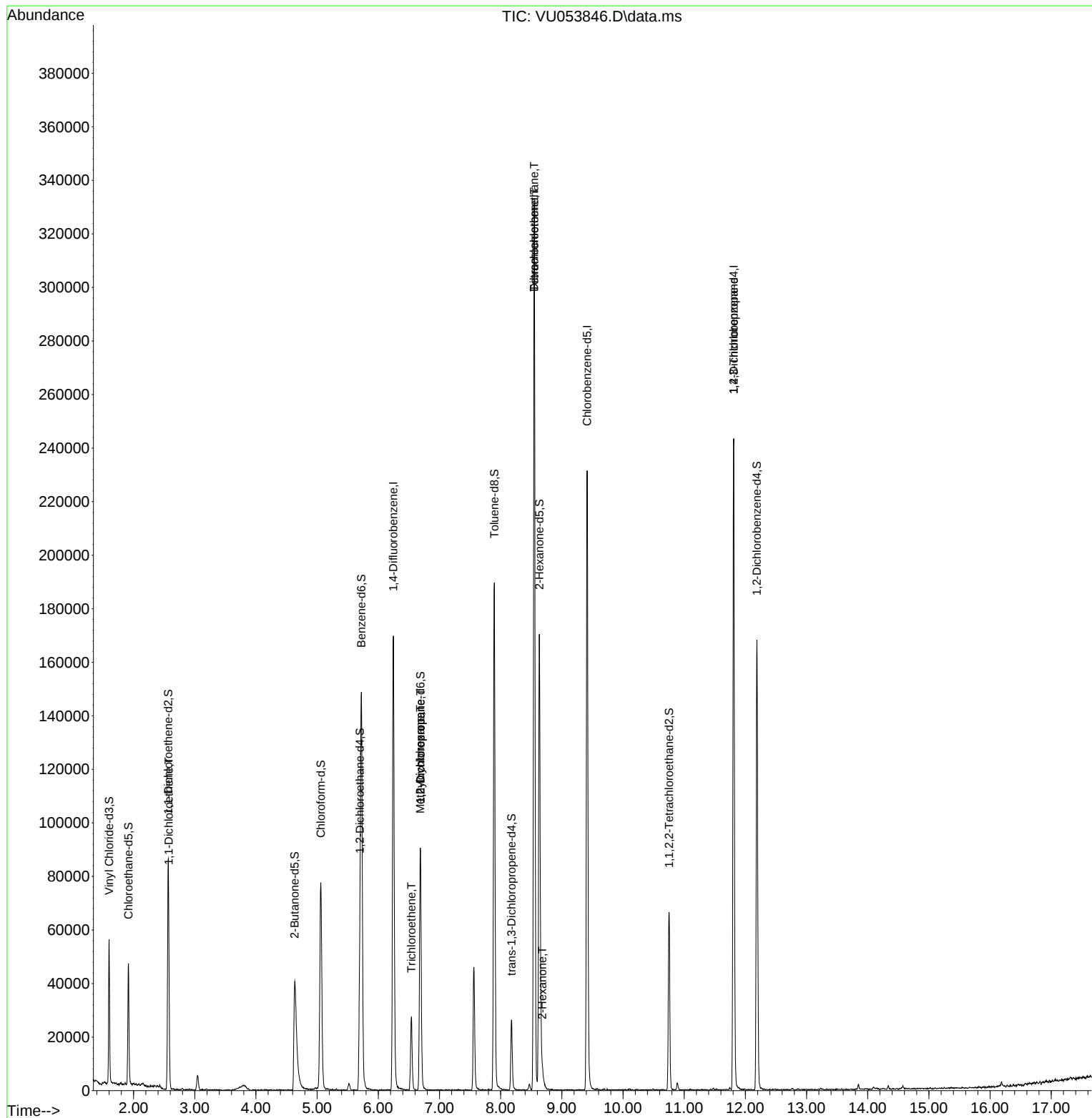
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	149524	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	139456	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	68706	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	38772	4.257	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.916	69	33879	4.432	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.568	65	15721	4.194	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	4.632	46	77743	46.606	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.220%
24) Chloroform-d	5.060	84	76077	4.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.700	65	36264	4.572	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.722	84	150065	4.568	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.687	67	46237	4.652	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.896	98	137357	4.480	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.176	79	16882	4.319	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.632	63	63868	46.171	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.340%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	34609	4.309	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	48511	4.402	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.575	96	1238	0.132	ug/L #	1
34) Trichloroethene	6.542	95	9012	0.841	ug/L	94
35) Methylcyclohexane	6.684	83	10561	0.638	ug/L #	23
37) 1,2-Dichloropropane	6.687	63	4842	0.496	ug/L #	87
47) Tetrachloroethene	8.549	164	74854	8.817	ug/L	98
48) 2-Hexanone	8.681	43	2224	0.665	ug/L #	91
49) Dibromochloromethane	8.549	129	73817	9.537	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	8503	1.605	ug/L #	66

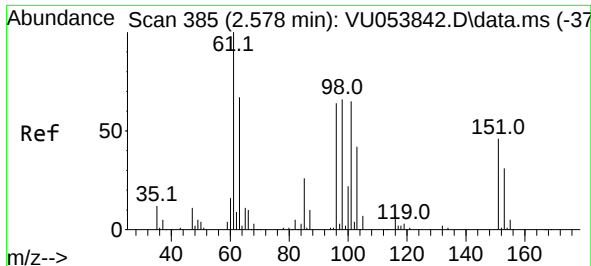
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.132 ug/L

RT: 2.575 min Scan# 385

Delta R.T. -0.003 min

Lab File: VU053846.D

Acq: 24 Apr 2023 16:55

Instrument :

MSVOA_U

ClientSampleId :

BHE33

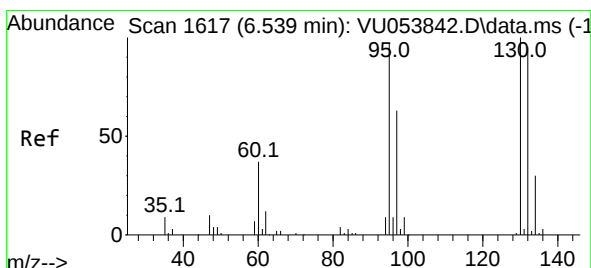
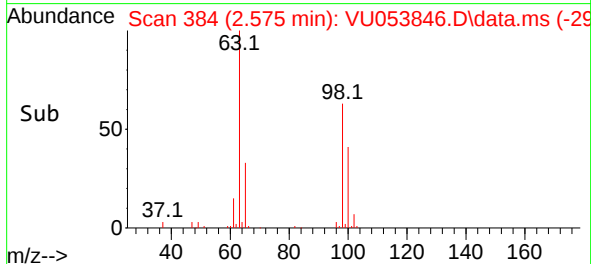
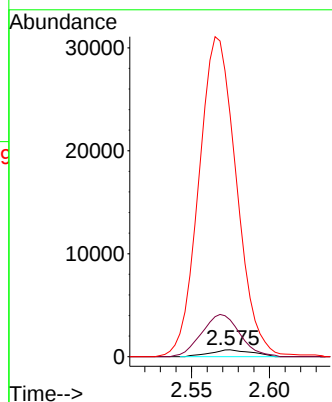
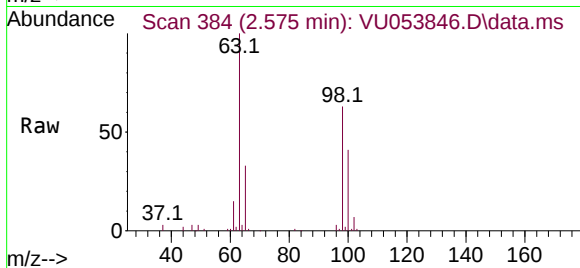
Tgt Ion: 96 Resp: 1238

Ion Ratio Lower Upper

96 100

61 535.8 111.5 207.1#

63 3521.4 68.7 127.7#



#34

Trichloroethene

Concen: 0.841 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. 0.003 min

Lab File: VU053846.D

Acq: 24 Apr 2023 16:55

Tgt Ion: 95 Resp: 9012

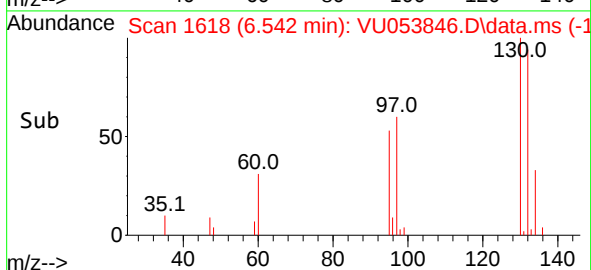
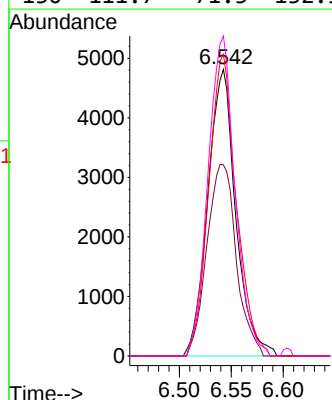
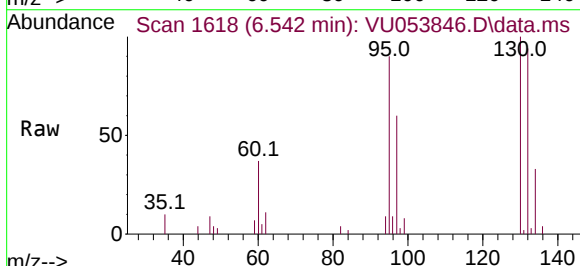
Ion Ratio Lower Upper

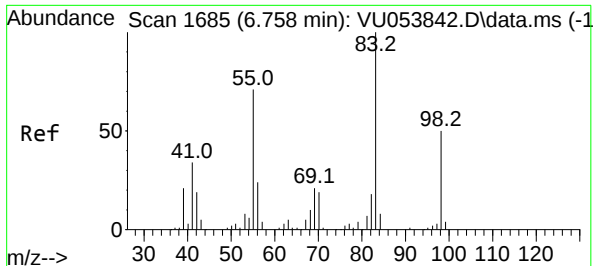
95 100

97 66.7 45.1 83.9

132 105.3 69.9 129.9

130 111.7 71.3 132.3

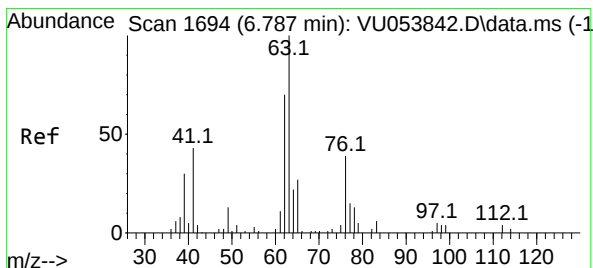
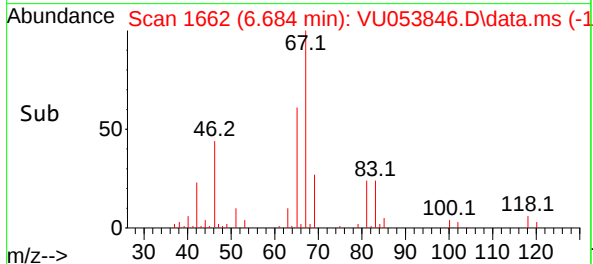
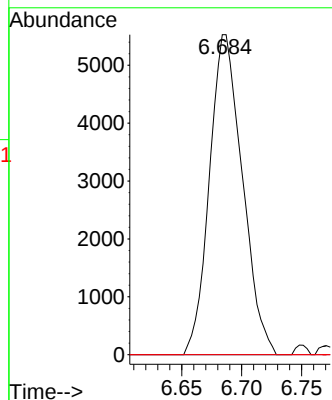
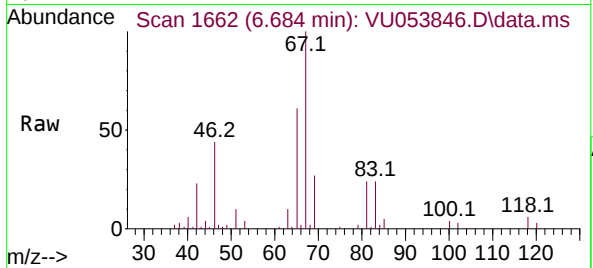




#35
Methylcyclohexane
Concen: 0.638 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.074 min
Lab File: VU053846.D
Acq: 24 Apr 2023 16:55

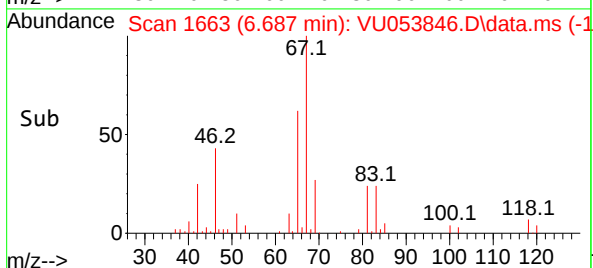
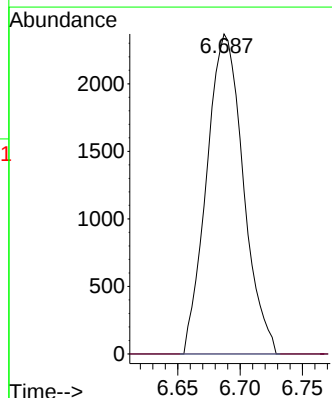
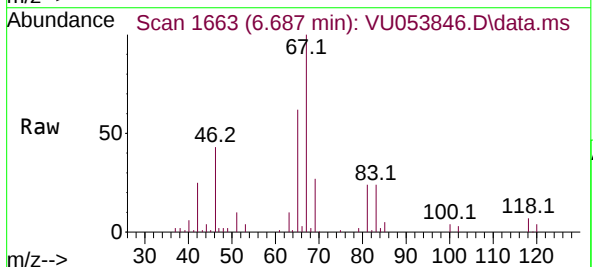
Instrument :
MSVOA_U
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BHE33

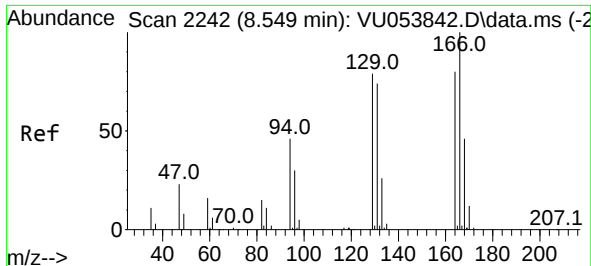
Tgt Ion: 83 Resp: 10561
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.2#
98 3.0 37.3 55.9#



#37
1,2-Dichloropropane
Concen: 0.496 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU053846.D
Acq: 24 Apr 2023 16:55

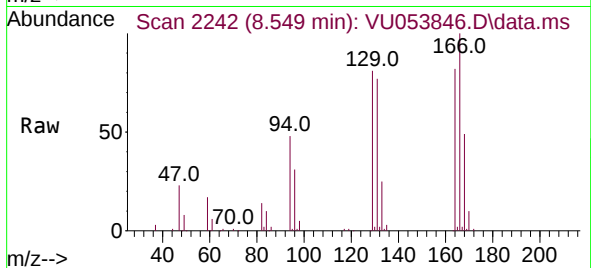
Tgt Ion: 63 Resp: 4842
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





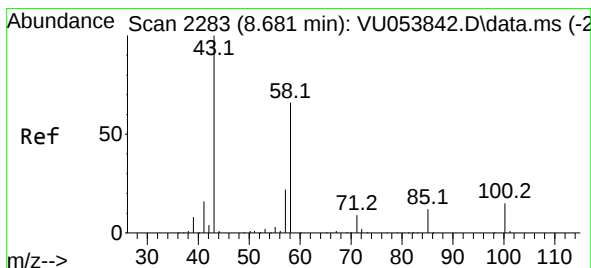
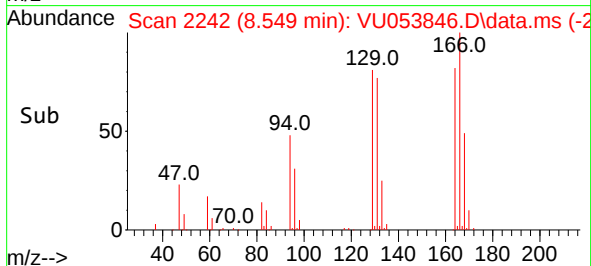
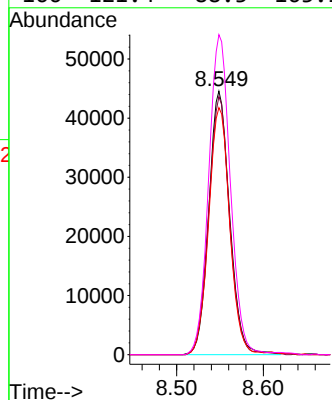
#47
Tetrachloroethene
Concen: 8.817 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053846.D
Acq: 24 Apr 2023 16:55

Instrument :
MSVOA_U
ClientSampleId :
BHE33



Tgt Ion:164 Resp: 74854

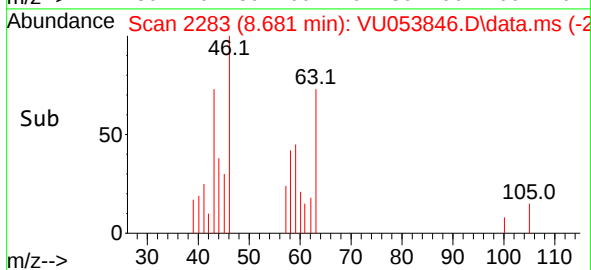
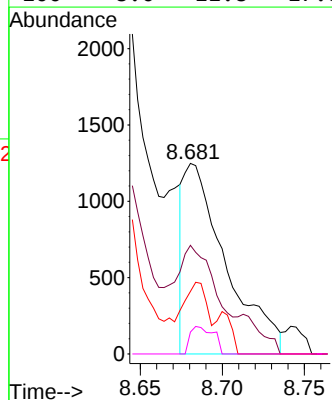
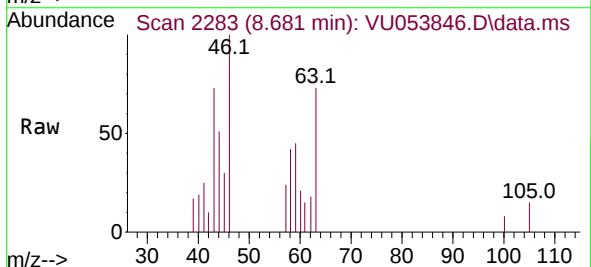
Ion	Ratio	Lower	Upper
164	100		
129	97.9	68.3	126.8
131	93.7	64.4	119.6
166	121.4	88.3	163.9

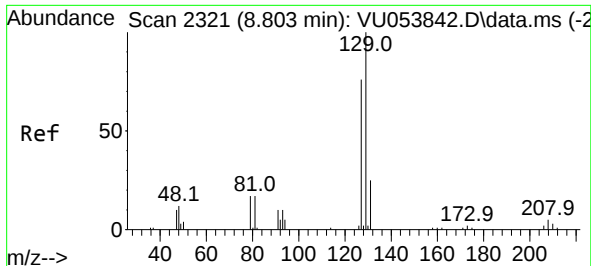


#48
2-Hexanone
Concen: 0.665 ug/L
RT: 8.681 min Scan# 2283
Delta R.T. -0.000 min
Lab File: VU053846.D
Acq: 24 Apr 2023 16:55

Tgt Ion: 43 Resp: 2224

Ion	Ratio	Lower	Upper
43	100		
58	68.2	49.8	74.6
57	23.5	16.9	25.3
100	8.0	11.8	17.8

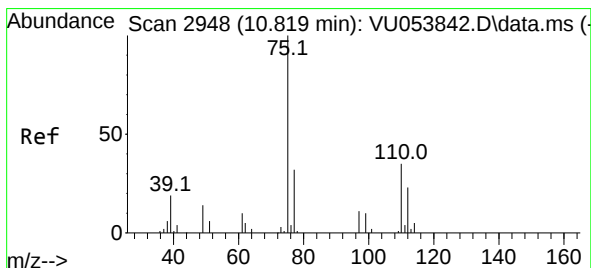
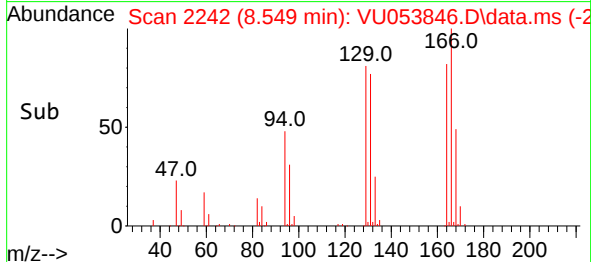
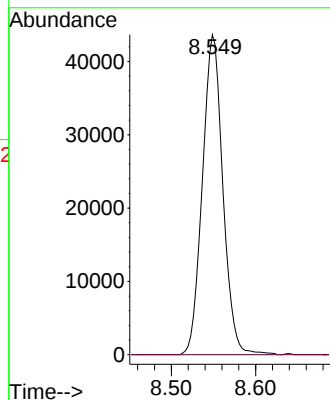
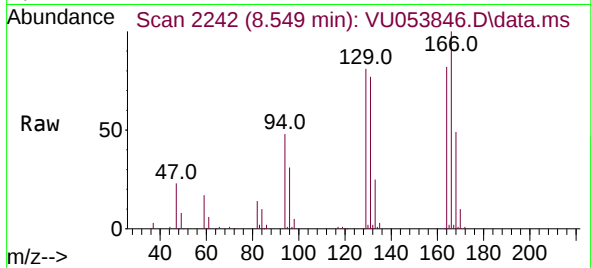




#49
Dibromochloromethane
Concen: 9.537 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU053846.D
Acq: 24 Apr 2023 16:55

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MSVOA_U
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Tgt Ion:129 Resp: 73817
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#



#61
1,2,3-Trichloropropane
Concen: 1.605 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU053846.D
Acq: 24 Apr 2023 16:55

Tgt Ion: 75 Resp: 8503
Ion Ratio Lower Upper
75 100
110 1.6 30.7 46.1#
77 31.2 26.2 39.4

