

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042423\
 Data File : VU053845.D
 Acq On : 24 Apr 2023 16:31
 Operator : JC/MD
 Sample : 02392-12 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE32

Quant Time: Apr 25 05:03:05 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)

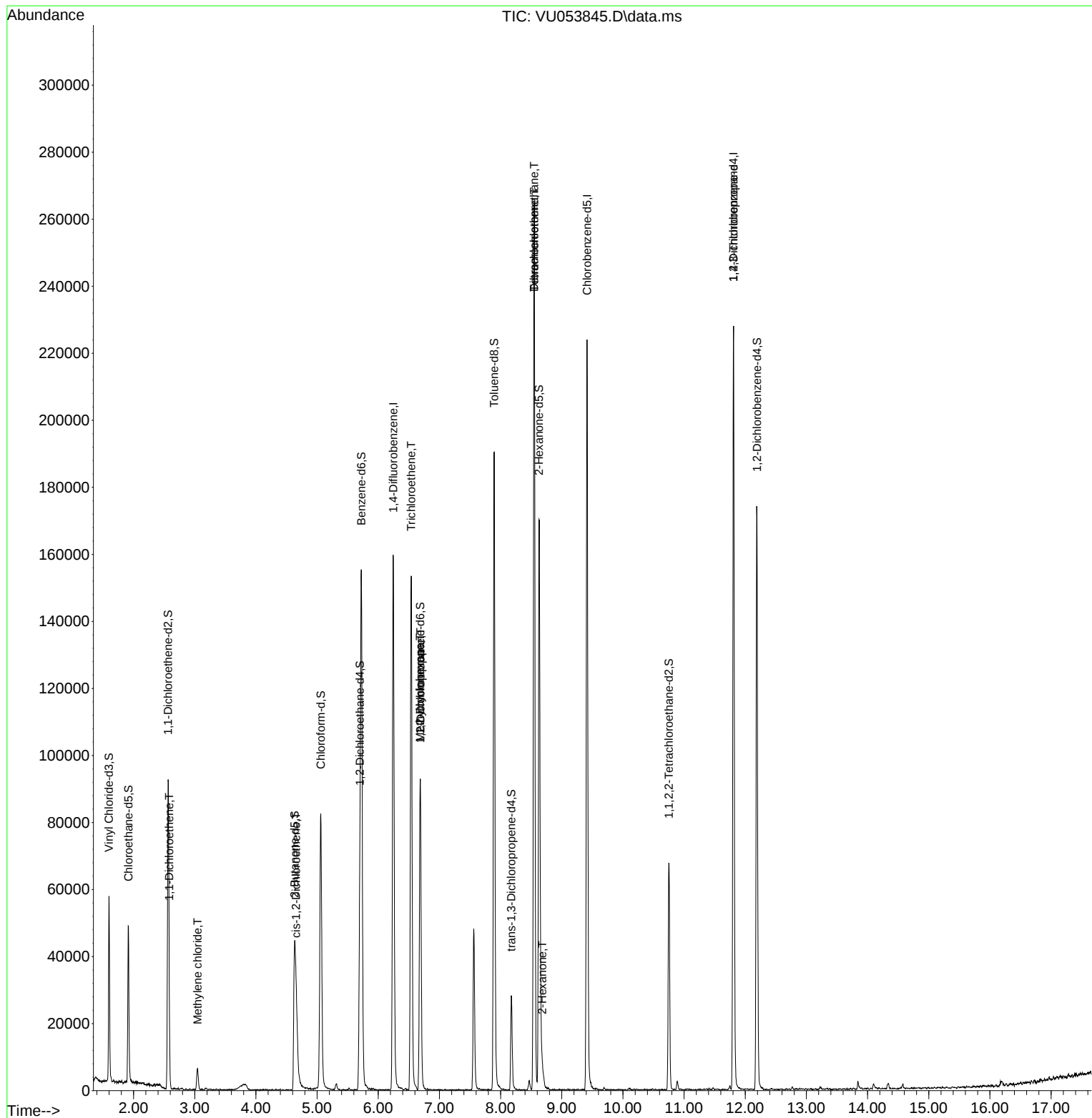
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	140419	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	131653	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	64525	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	40774	4.767	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.400%	
7) Chloroethane-d5	1.916	69	34831	4.852	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.000%	
11) 1,1-Dichloroethene-d2	2.565	65	15819	4.494	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.800%	
20) 2-Butanone-d5	4.633	46	76546	48.864	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.720%	
24) Chloroform-d	5.060	84	75929	4.711	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
26) 1,2-Dichloroethane-d4	5.700	65	37806	5.076	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.600%	
32) Benzene-d6	5.723	84	155017	4.998	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.000%	
36) 1,2-Dichloropropane-d6	6.687	67	46709	4.978	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.600%	
41) Toluene-d8	7.896	98	136843	4.728	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.600%	
43) trans-1,3-Dichloroprop...	8.176	79	18105	4.906	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.200%	
46) 2-Hexanone-d5	8.629	63	62131	47.577	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.160%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	35944	4.740	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.800%	
66) 1,2-Dichlorobenzene-d4	12.192	152	50044	4.836	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.800%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.581	96	3358	0.380	ug/L #	1
16) Methylene chloride	3.044	84	3668	0.304	ug/L	97
22) cis-1,2-Dichloroethene	4.658	96	3316	0.329	ug/L	98
34) Trichloroethene	6.539	95	53124	5.253	ug/L	99
35) Methylcyclohexane	6.684	83	11686	0.748	ug/L #	29
37) 1,2-Dichloropropane	6.690	63	5083	0.552	ug/L #	87
47) Tetrachloroethene	8.549	164	58715	7.326	ug/L	98
48) 2-Hexanone	8.681	43	3043	0.964	ug/L #	85
49) Dibromochloromethane	8.549	129	57883	7.922	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	7704	1.548	ug/L #	65

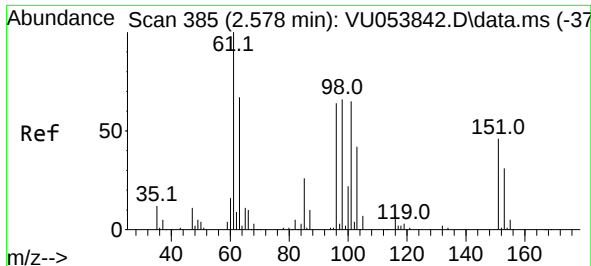
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.380 ug/L

RT: 2.581 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU053845.D

Acq: 24 Apr 2023 16:31

Instrument :

MSVOA_U

ClientSampleId :

BHE32

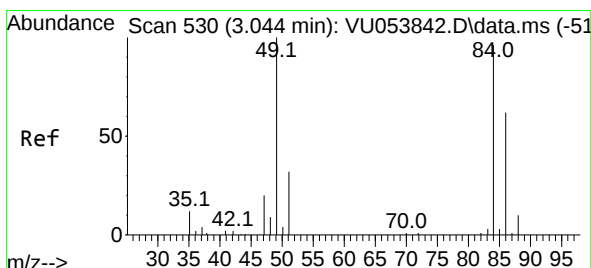
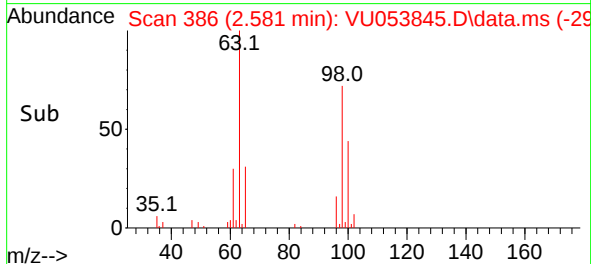
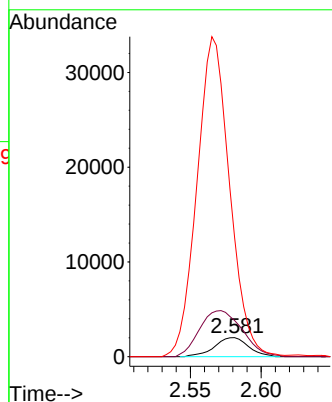
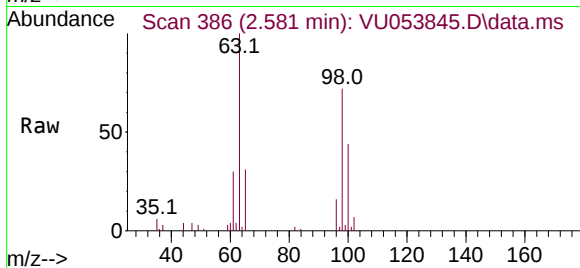
Tgt Ion: 96 Resp: 3358

Ion Ratio Lower Upper

96 100

61 190.3 111.5 207.1

63 627.2 68.7 127.7#



#16

Methylene chloride

Concen: 0.304 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.000 min

Lab File: VU053845.D

Acq: 24 Apr 2023 16:31

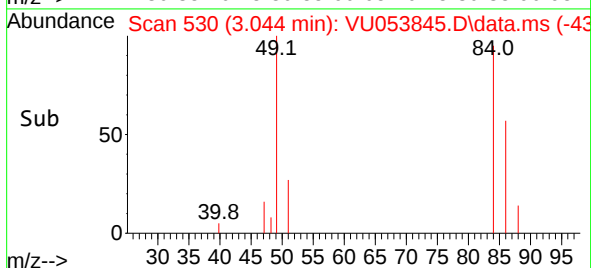
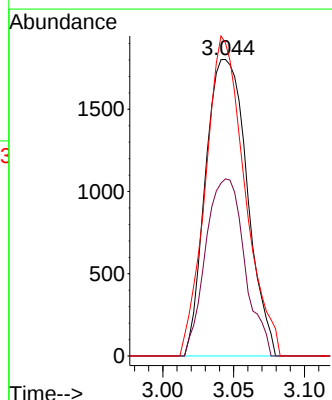
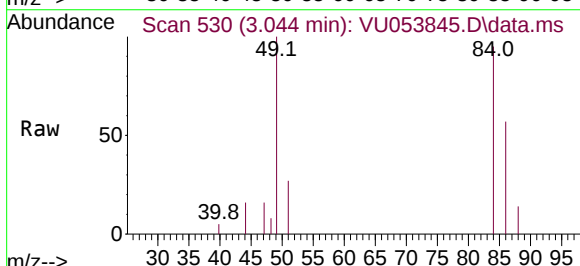
Tgt Ion: 84 Resp: 3668

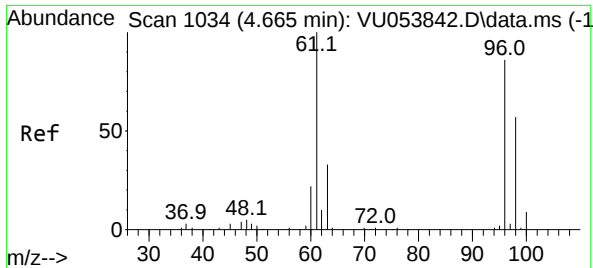
Ion Ratio Lower Upper

84 100

86 59.7 45.0 83.6

49 105.5 74.8 138.8





#22

cis-1,2-Dichloroethene

Concen: 0.329 ug/L

RT: 4.658 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VU053845.D

Acq: 24 Apr 2023 16:31

Instrument :

MSVOA_U

ClientSampleId :

BHE32

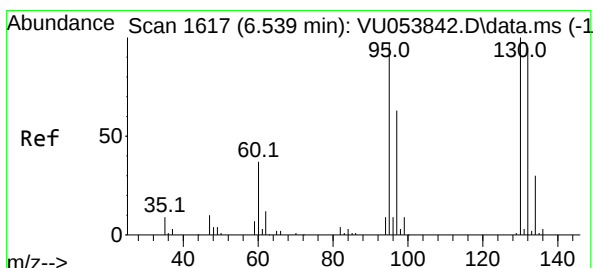
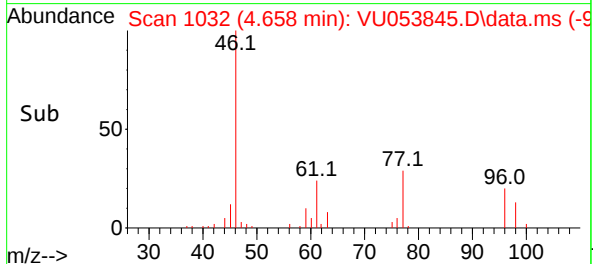
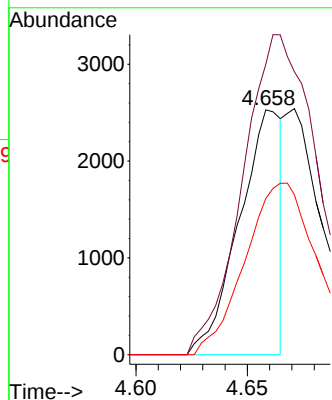
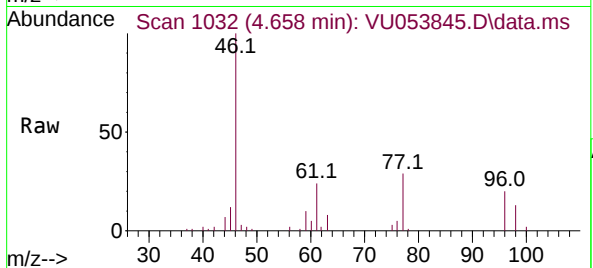
Tgt Ion: 96 Resp: 3316

Ion Ratio Lower Upper

96 100

61 118.6 84.3 156.5

98 63.8 46.4 86.2



#34

Trichloroethene

Concen: 5.253 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU053845.D

Acq: 24 Apr 2023 16:31

Tgt Ion: 95 Resp: 53124

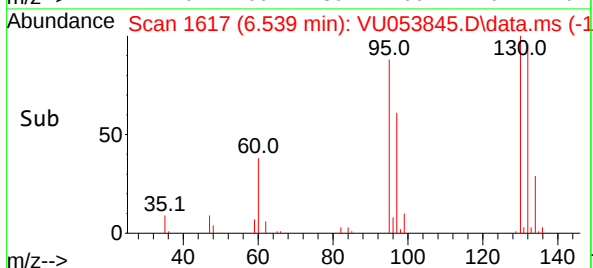
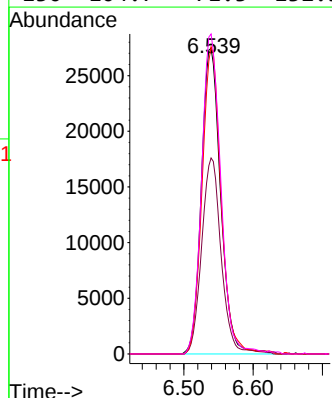
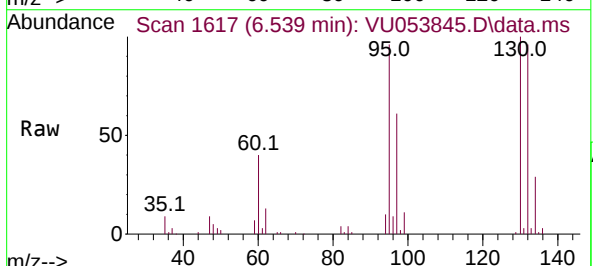
Ion Ratio Lower Upper

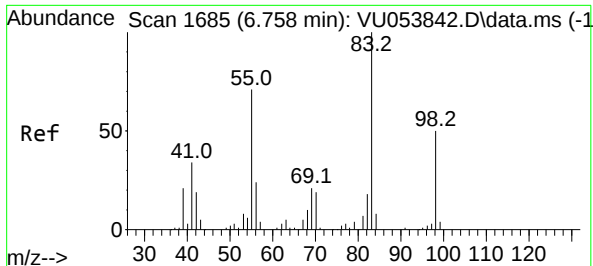
95 100

97 64.1 45.1 83.9

132 100.5 69.9 129.9

130 104.7 71.3 132.3

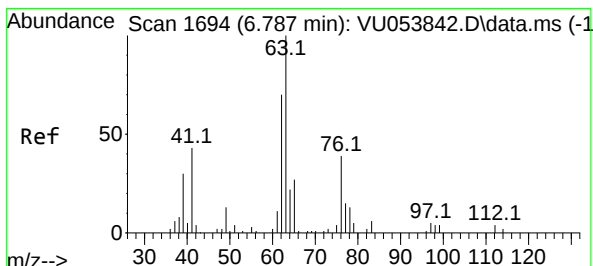
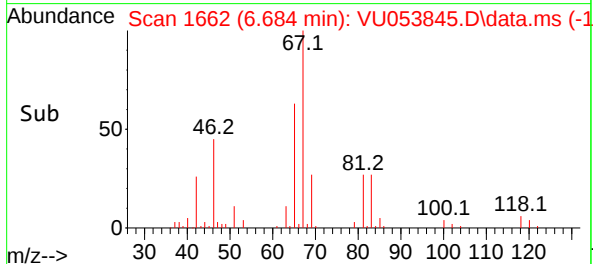
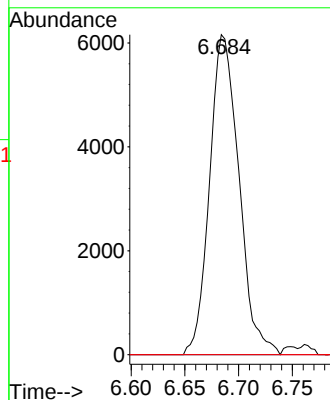
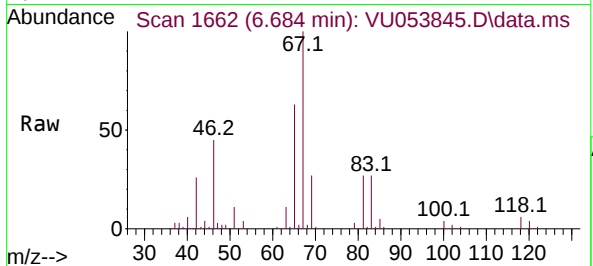




#35
Methylcyclohexane
Concen: 0.748 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.074 min
Lab File: VU053845.D
Acq: 24 Apr 2023 16:31

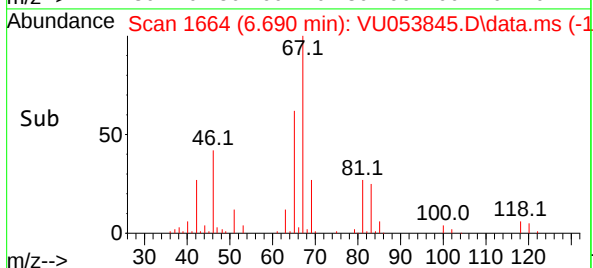
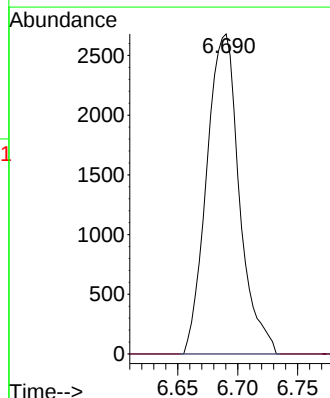
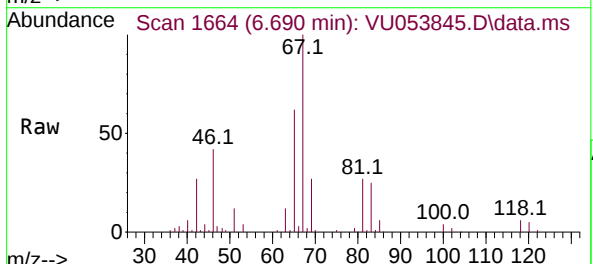
Instrument :
MSVOA_U
ClientSampleId :
BHE32

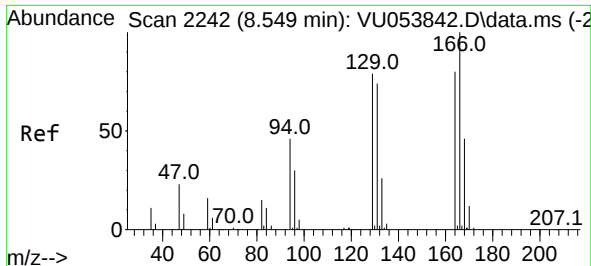
Tgt Ion: 83 Resp: 11686
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.2#
98 12.8 37.3 55.9#



#37
1,2-Dichloropropane
Concen: 0.552 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.096 min
Lab File: VU053845.D
Acq: 24 Apr 2023 16:31

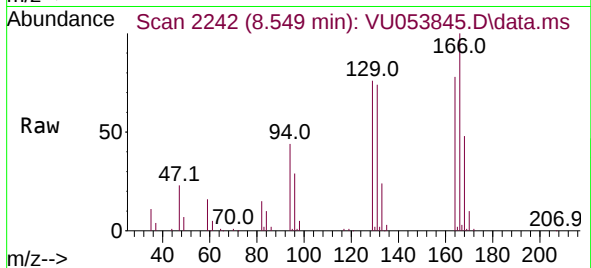
Tgt Ion: 63 Resp: 5083
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



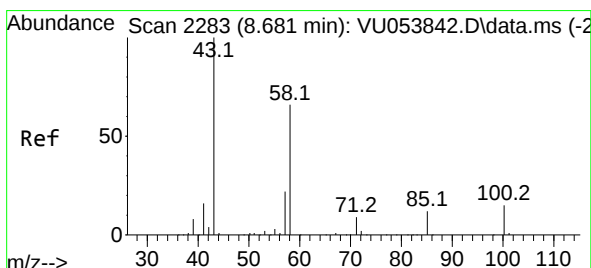
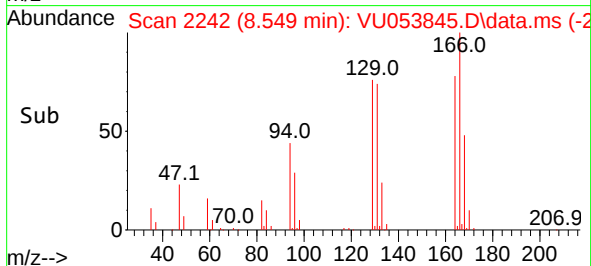
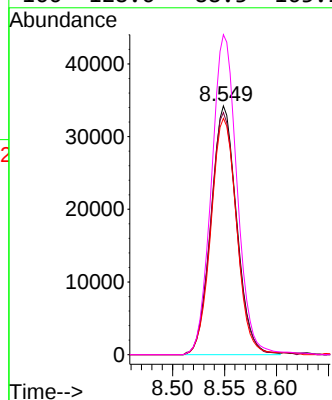


#47
Tetrachloroethene
Concen: 7.326 ug/L
RT: 8.549 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU053845.D
Acq: 24 Apr 2023 16:31

Instrument :
MSVOA_U
ClientSampleId :
BHE32

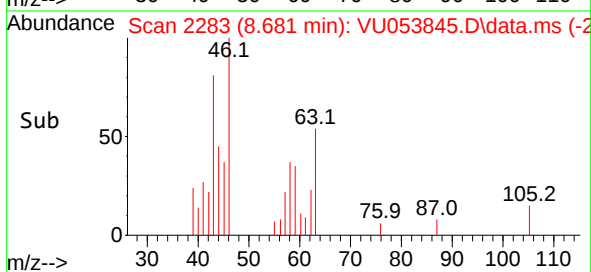
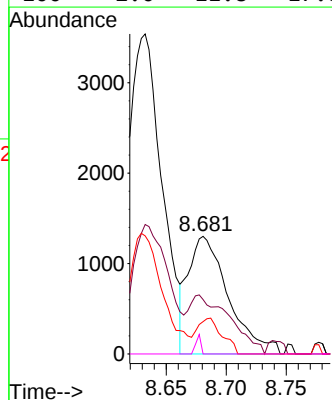
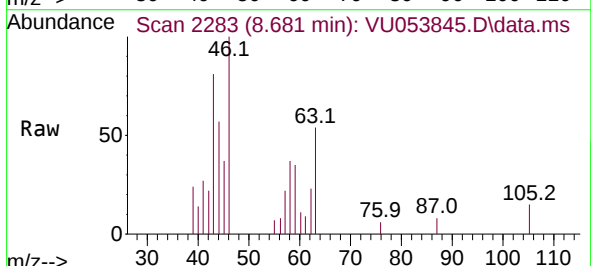


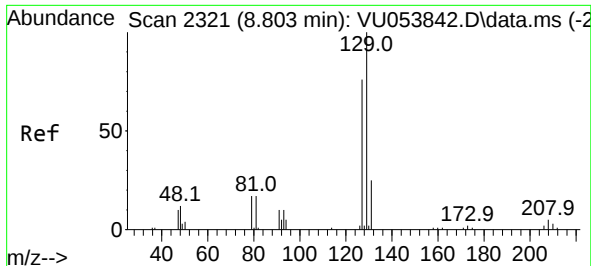
Tgt Ion:164	Resp:	58715	
Ion	Ratio	Lower	Upper
164	100		
129	97.3	68.3	126.8
131	95.0	64.4	119.6
166	128.6	88.3	163.9



#48
2-Hexanone
Concen: 0.964 ug/L
RT: 8.681 min Scan# 2283
Delta R.T. 0.000 min
Lab File: VU053845.D
Acq: 24 Apr 2023 16:31

Tgt Ion: 43	Resp:	3043	
Ion	Ratio	Lower	Upper
43	100		
58	50.9	49.8	74.6
57	18.5	16.9	25.3
100	2.0	11.8	17.8





#49

Dibromochloromethane

Concen: 7.922 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU053845.D

Acq: 24 Apr 2023 16:31

Instrument :

MSVOA_U

ClientSampleId :

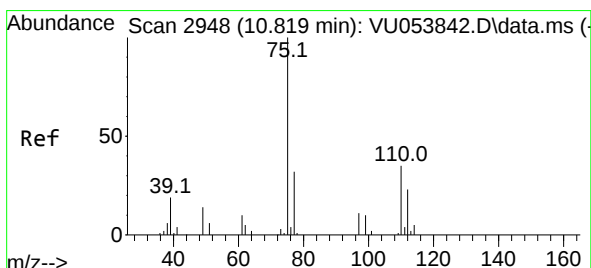
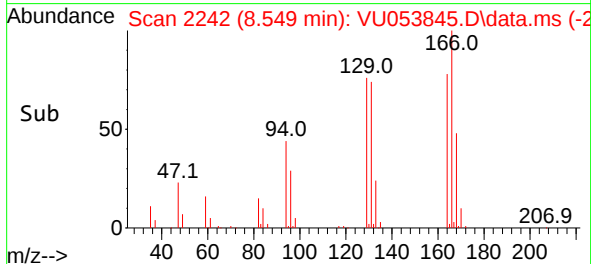
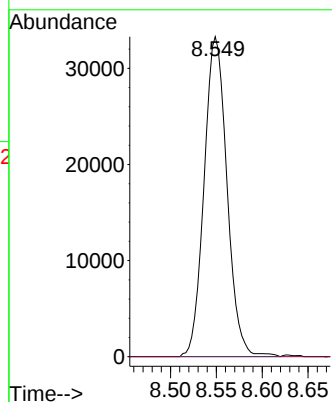
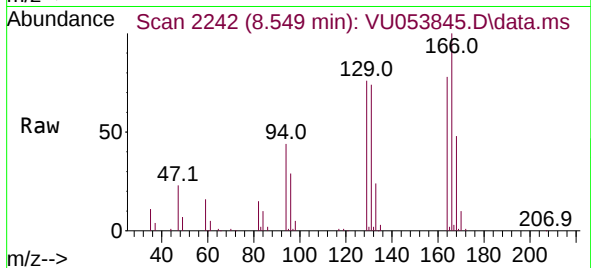
BHE32

Tgt Ion:129 Resp: 57883

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.548 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU053845.D

Acq: 24 Apr 2023 16:31

Tgt Ion: 75 Resp: 7704

Ion Ratio Lower Upper

75 100

110 1.8 30.7 46.1#

77 29.8 26.2 39.4

