

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042523\
 Data File : VU053887.D
 Acq On : 25 Apr 2023 16:26
 Operator : JC/MD
 Sample : 02392-07DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE28DL

Quant Time: Apr 26 05:13:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 26 05:09:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

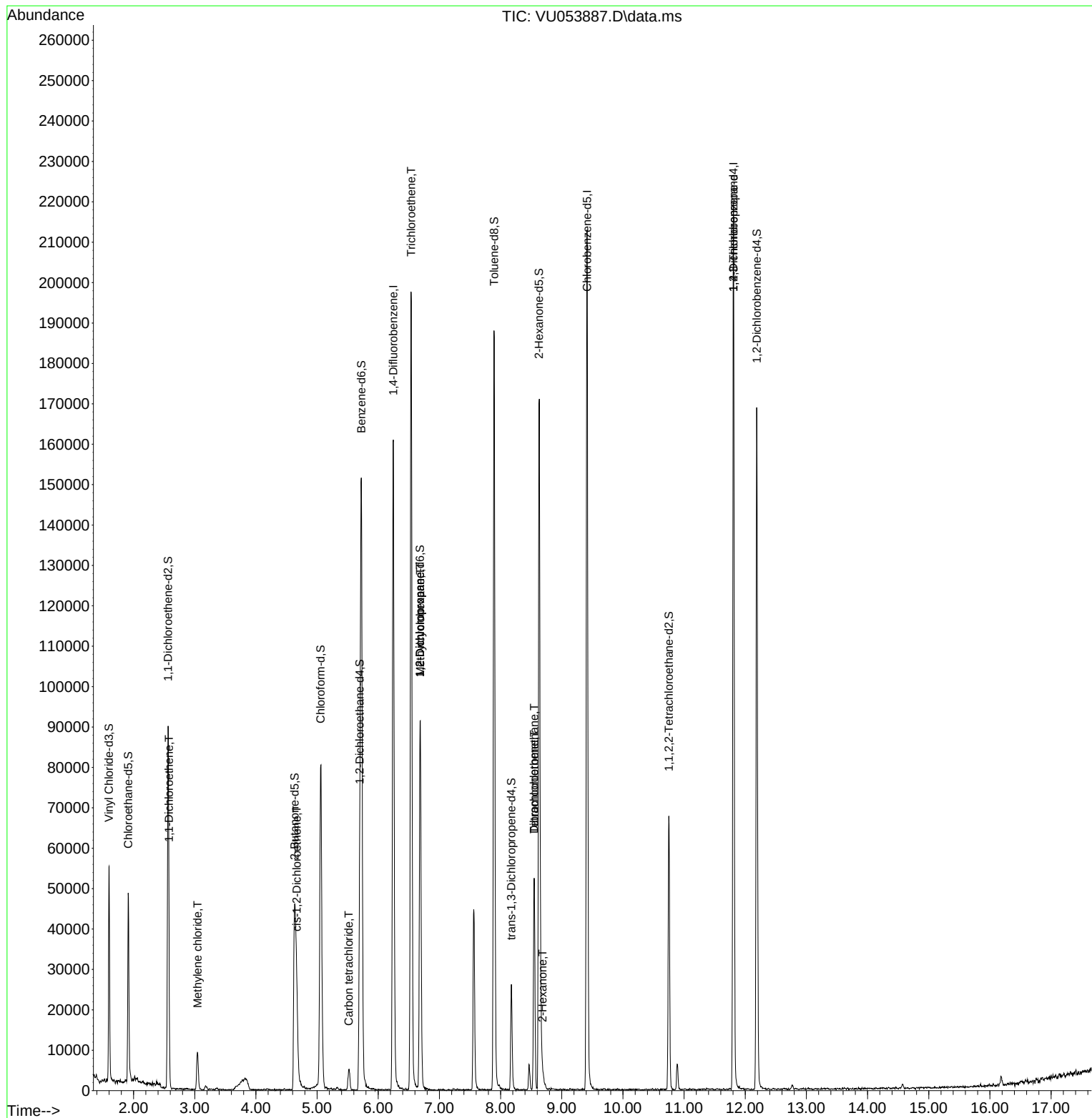
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	138253	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	128753	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	62779	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	40088	4.760	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.200%	
7) Chloroethane-d5	1.912	69	34665	4.905	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.000%	
11) 1,1-Dichloroethene-d2	2.565	65	16064	4.635	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.800%	
20) 2-Butanone-d5	4.632	46	74895	48.559	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.120%	
24) Chloroform-d	5.057	84	75781	4.776	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.600%	
26) 1,2-Dichloroethane-d4	5.697	65	35715	4.870	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.400%	
32) Benzene-d6	5.722	84	153540	5.062	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.200%	
36) 1,2-Dichloropropane-d6	6.684	67	47127	5.136	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.800%	
41) Toluene-d8	7.893	98	134907	4.766	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.400%	
43) trans-1,3-Dichloroprop...	8.176	79	16421	4.550	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.000%	
46) 2-Hexanone-d5	8.629	63	62261	48.751	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.500%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	34241	4.618	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.400%	
66) 1,2-Dichlorobenzene-d4	12.188	152	46230	4.591	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.800%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	1313	0.151	ug/L #	1
16) Methylene chloride	3.044	84	5197	0.438	ug/L	91
22) cis-1,2-Dichloroethene	4.668	96	9533	0.962	ug/L	89
31) Carbon tetrachloride	5.517	117	3658	0.291	ug/L	94
34) Trichloroethene	6.539	95	67358	6.811	ug/L	99
35) Methylcyclohexane	6.687	83	10829	0.709	ug/L #	22
37) 1,2-Dichloropropane	6.684	63	4880	0.542	ug/L #	87
47) Tetrachloroethene	8.549	164	11799	1.505	ug/L	96
48) 2-Hexanone	8.687	43	2235	0.724	ug/L #	56
49) Dibromochloromethane	8.549	129	11565	1.618	ug/L #	10
61) 1,2,3-Trichloropropane	11.806	75	7329	1.514	ug/L #	68

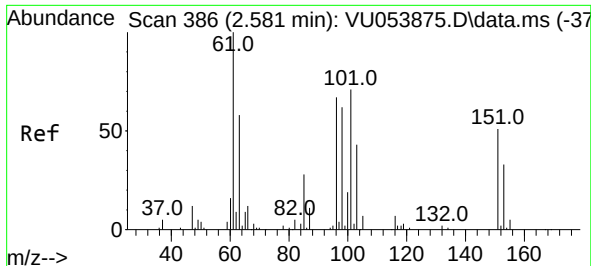
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.151 ug/L

RT: 2.578 min Scan# 3

Delta R.T. -0.003 min

Lab File: VU053887.D

Acq: 25 Apr 2023 16:26

Instrument :

MSVOA_U

ClientSampleId :

BHE28DL

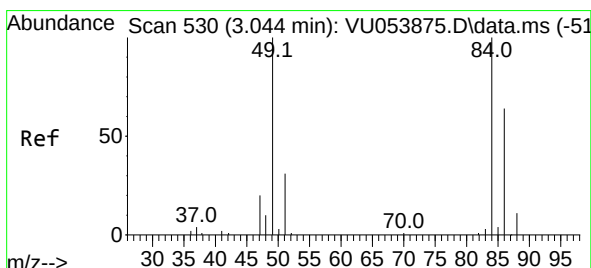
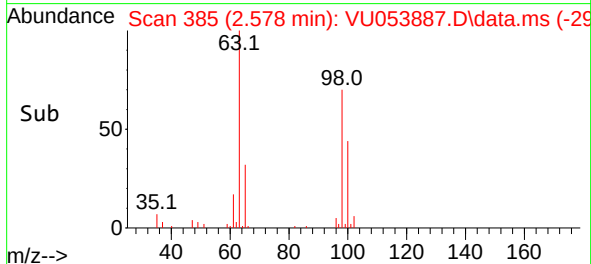
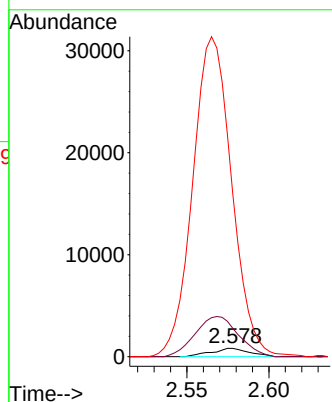
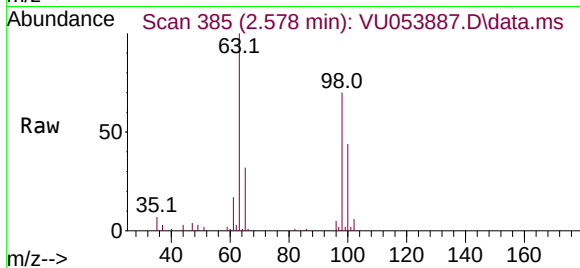
Tgt Ion: 96 Resp: 1313

Ion Ratio Lower Upper

96 100

61 340.5 111.5 207.1#

63 1958.8 68.7 127.7#



#16

Methylene chloride

Concen: 0.438 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.000 min

Lab File: VU053887.D

Acq: 25 Apr 2023 16:26

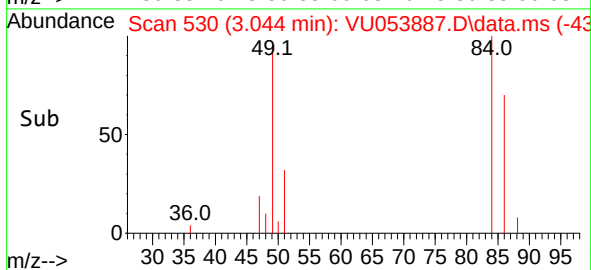
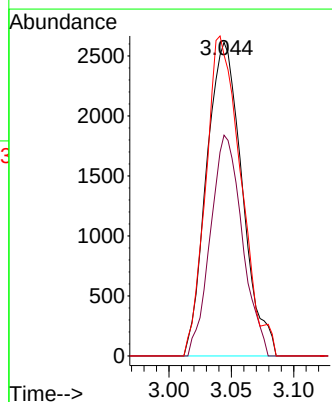
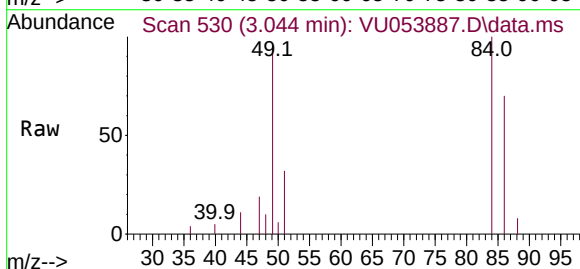
Tgt Ion: 84 Resp: 5197

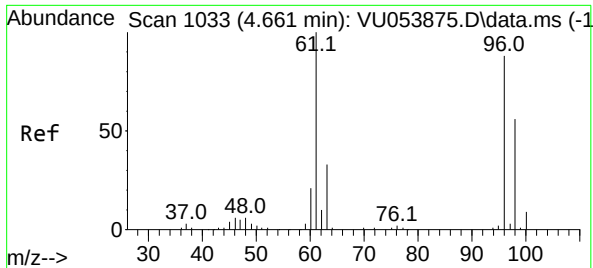
Ion Ratio Lower Upper

84 100

86 70.4 45.0 83.6

49 96.0 74.8 138.8

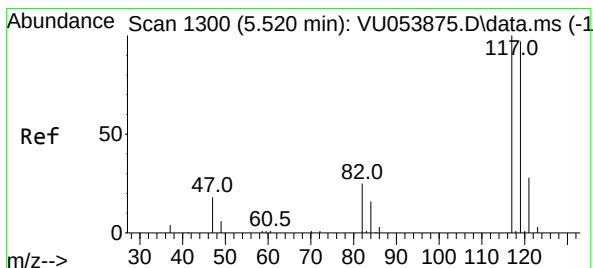
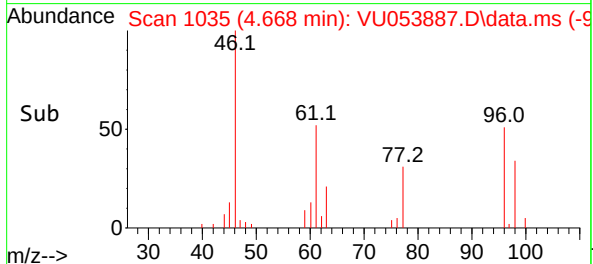
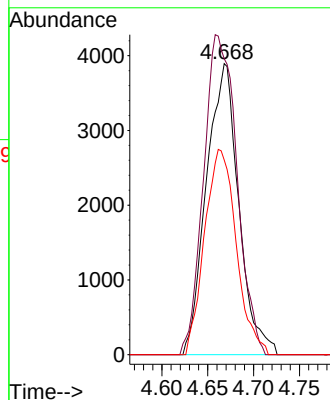
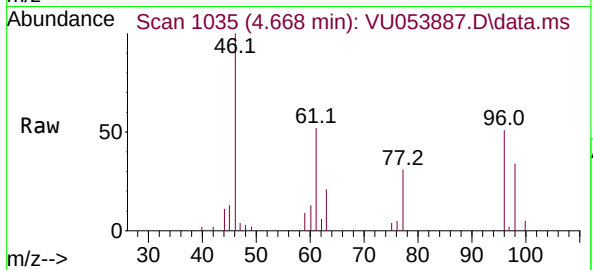




#22
 cis-1,2-Dichloroethene
 Concen: 0.962 ug/L
 RT: 4.668 min Scan# 110
 Delta R.T. 0.006 min
 Lab File: VU053887.D
 Acq: 25 Apr 2023 16:26

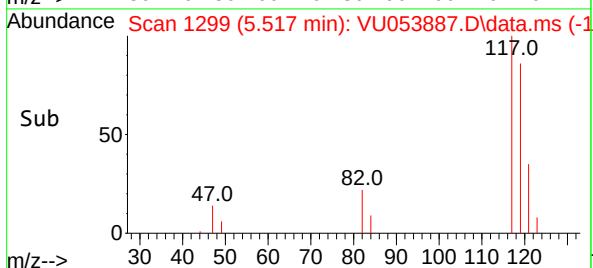
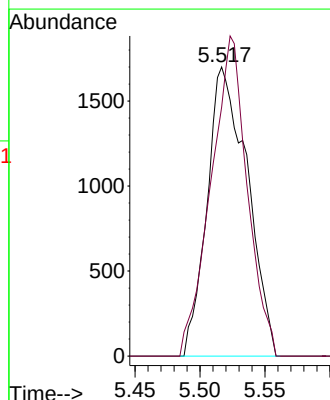
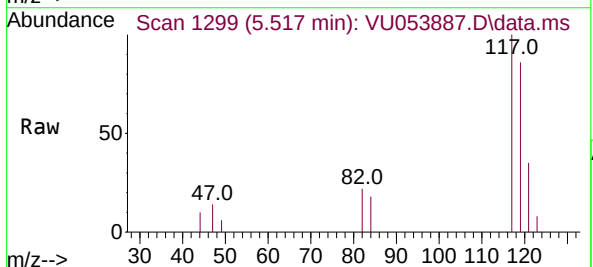
Instrument :
 MSVOA_U
 ClientSampleId :
 BHE28DL

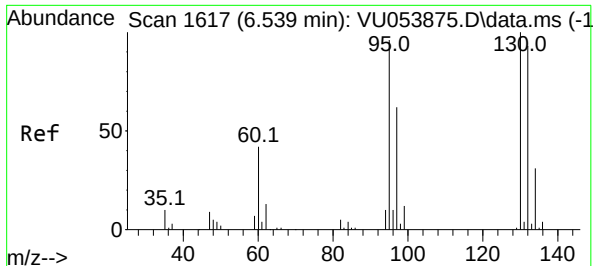
Tgt Ion: 96 Resp: 9533
 Ion Ratio Lower Upper
 96 100
 61 101.7 84.3 156.5
 98 66.9 46.4 86.2



#31
 Carbon tetrachloride
 Concen: 0.291 ug/L
 RT: 5.517 min Scan# 1299
 Delta R.T. -0.003 min
 Lab File: VU053887.D
 Acq: 25 Apr 2023 16:26

Tgt Ion: 117 Resp: 3658
 Ion Ratio Lower Upper
 117 100
 119 99.8 75.0 112.6

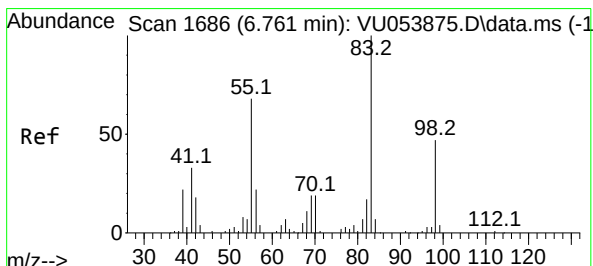
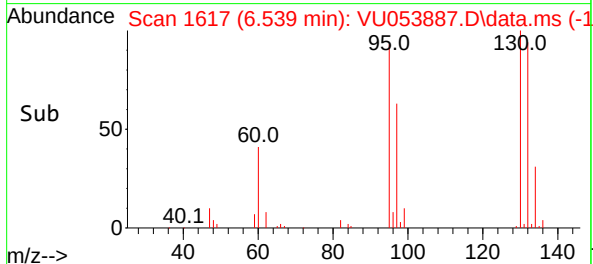
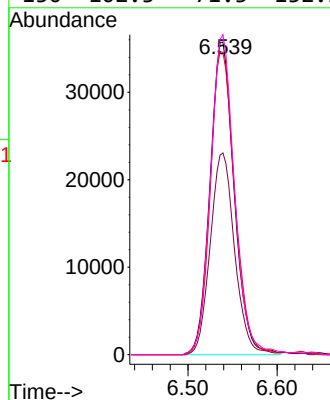
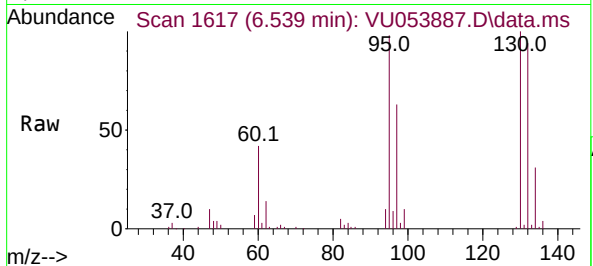




#34
Trichloroethene
Concen: 6.811 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU053887.D
Acq: 25 Apr 2023 16:26

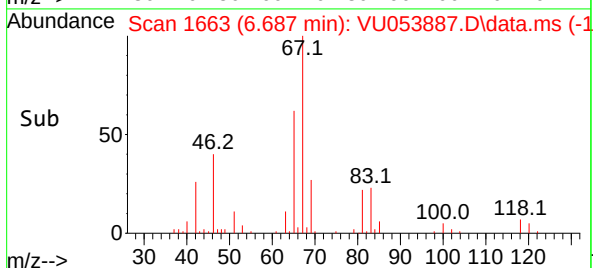
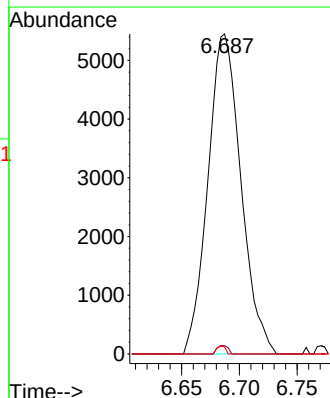
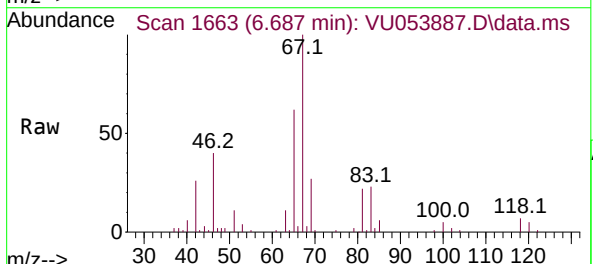
Instrument :
MSVOA_U
ClientSampleId :
BHE28DL

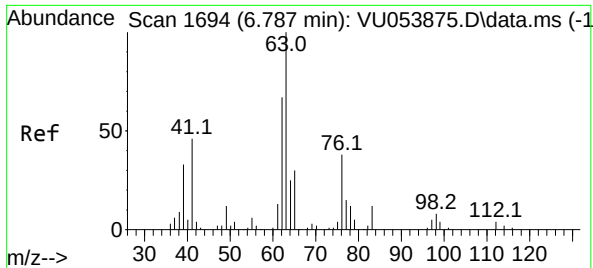
Tgt Ion: 95 Resp: 67358
Ion Ratio Lower Upper
95 100
97 64.6 45.1 83.9
132 96.7 69.9 129.9
130 102.3 71.3 132.3



#35
Methylcyclohexane
Concen: 0.709 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU053887.D
Acq: 25 Apr 2023 16:26

Tgt Ion: 83 Resp: 10829
Ion Ratio Lower Upper
83 100
55 0.9 55.4 83.2#
98 0.6 37.3 55.9#

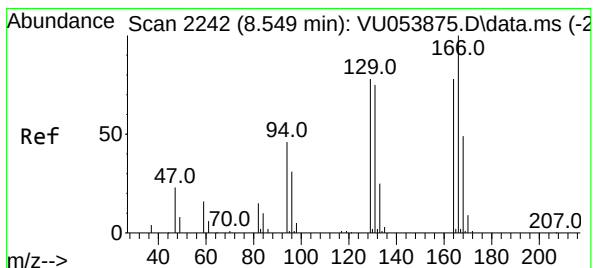
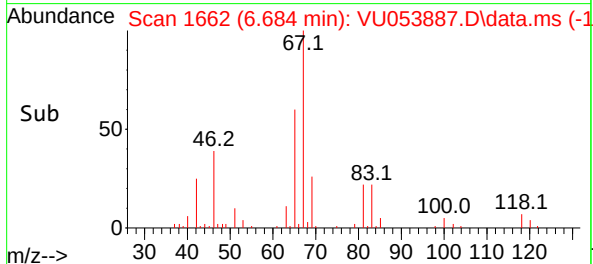
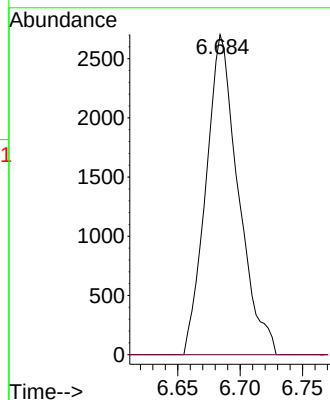
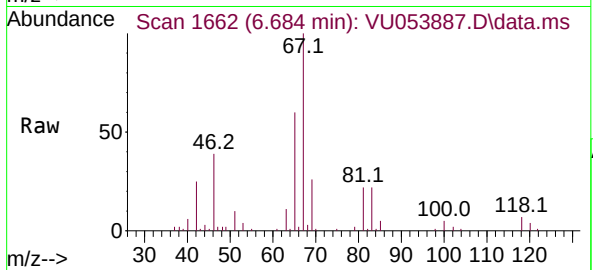




#37
1,2-Dichloropropane
Concen: 0.542 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU053887.D
Acq: 25 Apr 2023 16:26

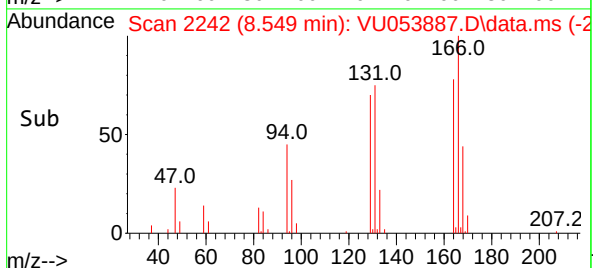
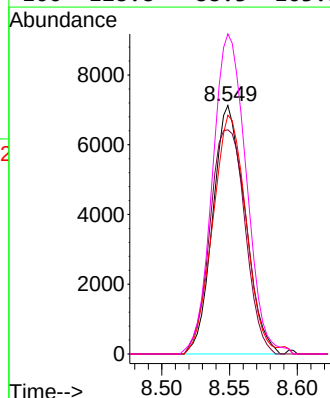
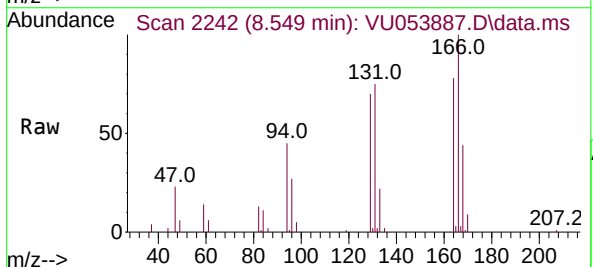
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ClientSampleId :
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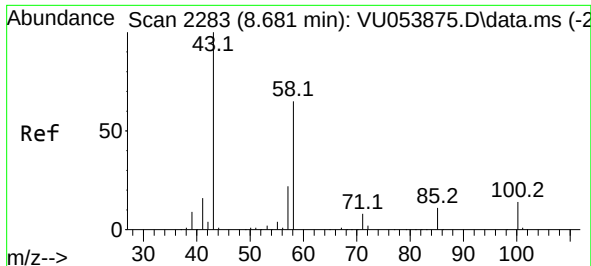
Tgt Ion: 63 Resp: 4880
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#47
Tetrachloroethene
Concen: 1.505 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053887.D
Acq: 25 Apr 2023 16:26

Tgt Ion: 164 Resp: 11799
Ion Ratio Lower Upper
164 100
129 90.2 68.3 126.8
131 96.1 64.4 119.6
166 128.8 88.3 163.9





#48

2-Hexanone

Concen: 0.724 ug/L

RT: 8.687 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU053887.D

Acq: 25 Apr 2023 16:26

Instrument :

MSVOA_U

ClientSampleId :

BHE28DL

Tgt Ion: 43 Resp: 2235

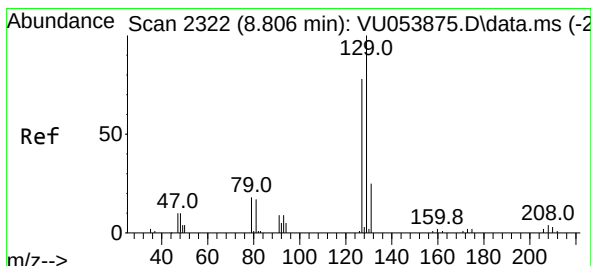
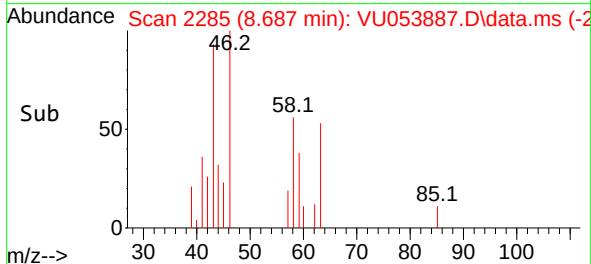
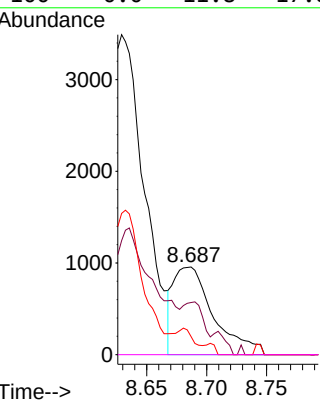
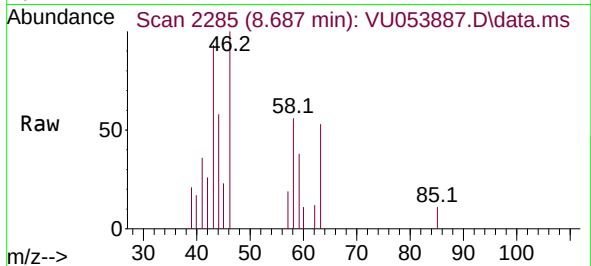
Ion Ratio Lower Upper

43 100

58 19.8 49.8 74.6#

57 13.6 16.9 25.3#

100 0.0 11.8 17.8#



#49

Dibromochloromethane

Concen: 1.618 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.257 min

Lab File: VU053887.D

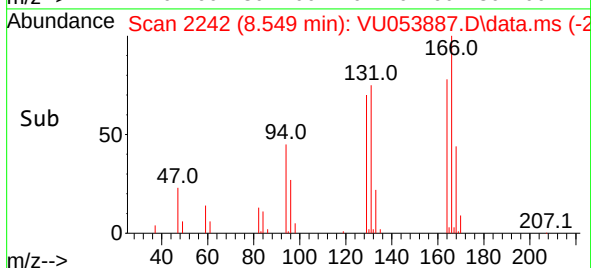
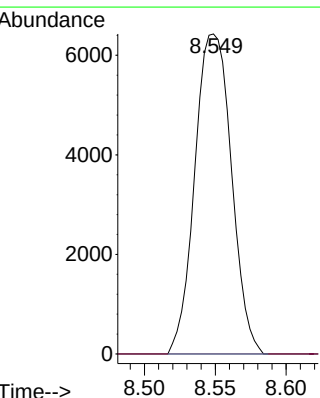
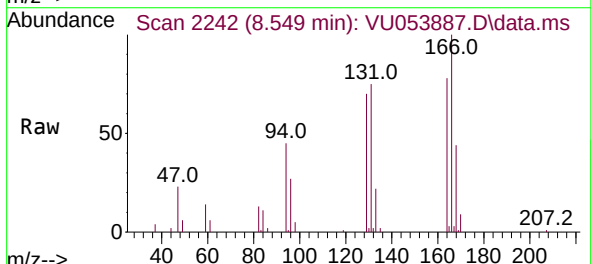
Acq: 25 Apr 2023 16:26

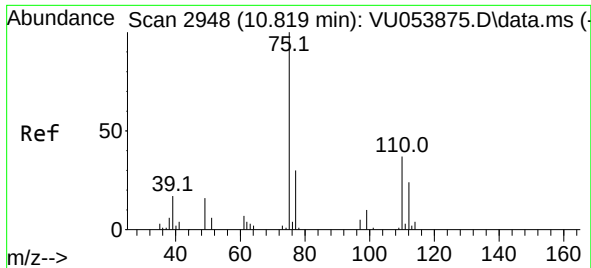
Tgt Ion:129 Resp: 11565

Ion Ratio Lower Upper

129 100

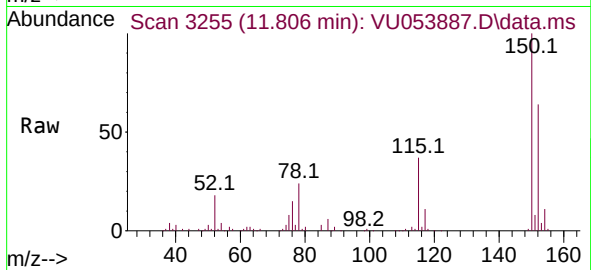
127 0.0 55.7 103.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.514 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU053887.D
 Acq: 25 Apr 2023 16:26

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE28DL



Tgt Ion: 75	Resp:	7329
Ion	Ratio	Lower Upper
75	100	
110	2.9	30.7 46.1#
77	32.6	26.2 39.4

