

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041723\
 Data File : VU053748.D
 Acq On : 17 Apr 2023 23:51
 Operator : JC/MD
 Sample : 02340-20 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE21

Quant Time: Apr 18 00:25:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 18 00:19:36 2023
 Response via : Initial Calibration

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

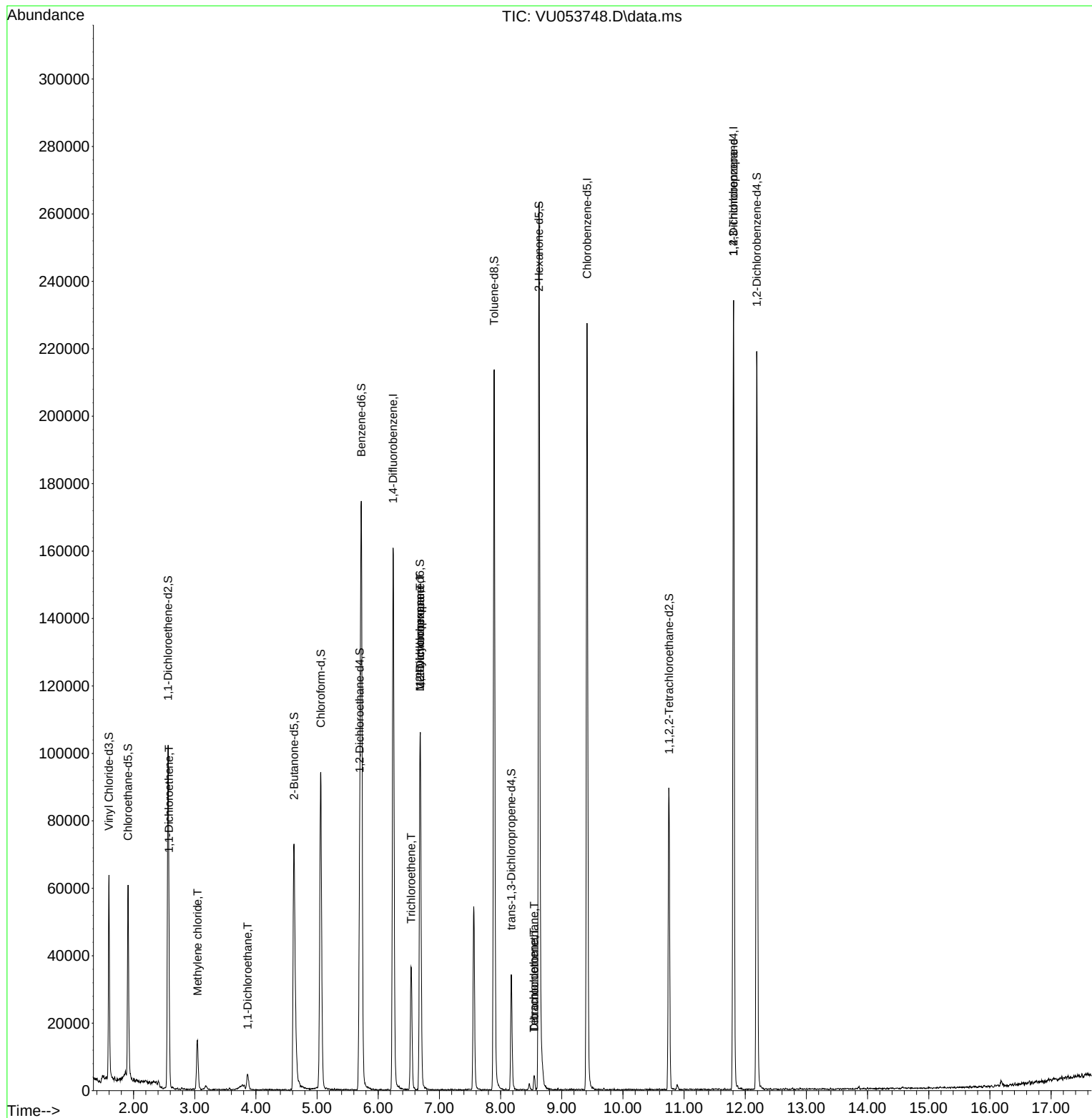
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	138952	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	134497	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	64492	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	46538	4.869	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.400%
7) Chloroethane-d5	1.909	69	42735	4.926	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.565	65	17193	4.222	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	4.623	46	106608	48.683	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.360%
24) Chloroform-d	5.060	84	85734	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.697	65	45241	4.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.722	84	169881	4.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.684	67	54329	4.678	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.896	98	151139	4.203	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	8.176	79	19816	4.446	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.626	63	90468	49.972	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.940%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	46717	4.832	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	59790	5.153	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	7152	0.909	ug/L #	1
16) Methylene chloride	3.044	84	7725	0.748	ug/L	91
19) 1,1-Dichloroethane	3.864	63	5543	0.368	ug/L #	94
34) Trichloroethene	6.539	95	13195	1.375	ug/L	94
35) Methylcyclohexane	6.684	83	12678	0.770	ug/L #	22
37) 1,2-Dichloropropane	6.687	63	5628	0.591	ug/L #	89
47) Tetrachloroethene	8.545	164	980	0.139	ug/L	97
49) Dibromochloromethane	8.549	129	1096	0.164	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	7877	1.474	ug/L #	63

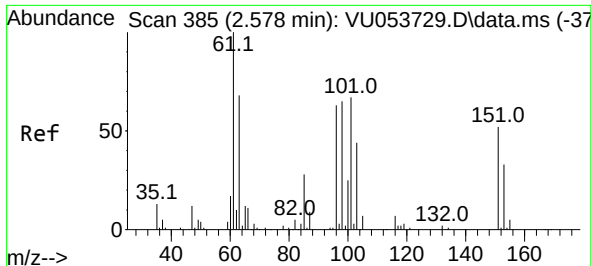
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.909 ug/L

RT: 2.578 min Scan# 3

Delta R.T. -0.000 min

Lab File: VU053748.D

Acq: 17 Apr 2023 23:51

Instrument :

MSVOA_U

ClientSampleId :

BHE21

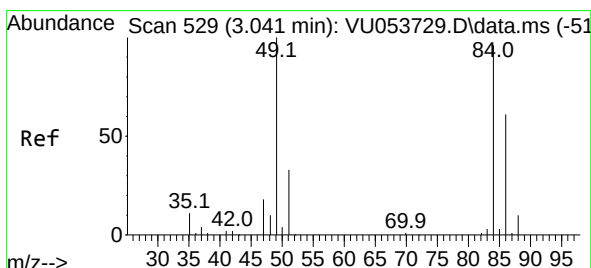
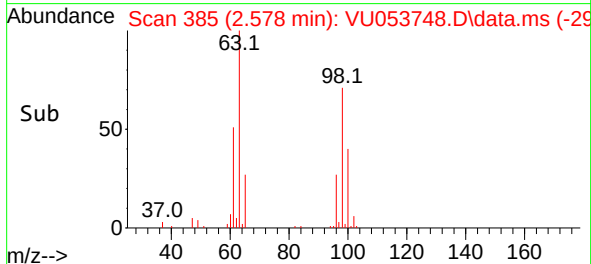
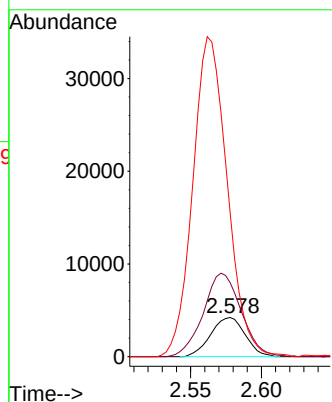
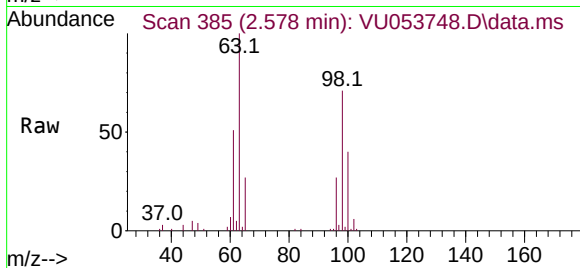
Tgt Ion: 96 Resp: 7152

Ion Ratio Lower Upper

96 100

61 189.3 116.8 216.8

63 368.5 88.6 164.6#



#16

Methylene chloride

Concen: 0.748 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.003 min

Lab File: VU053748.D

Acq: 17 Apr 2023 23:51

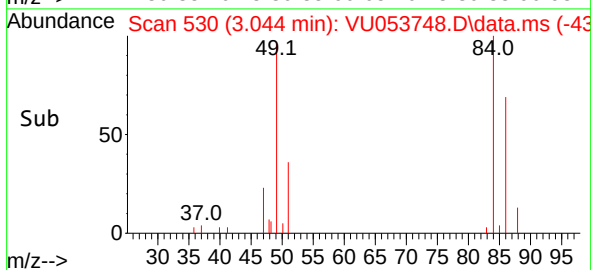
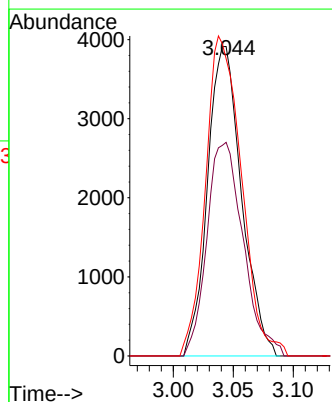
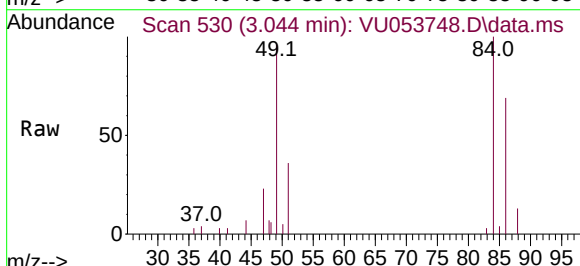
Tgt Ion: 84 Resp: 7725

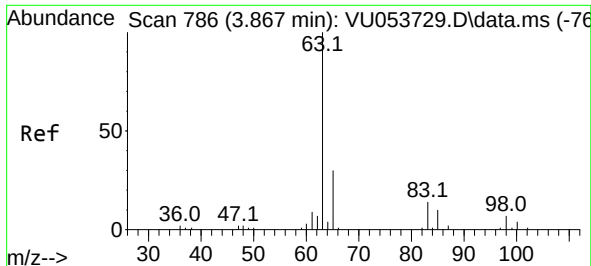
Ion Ratio Lower Upper

84 100

86 69.0 44.7 83.1

49 96.1 75.5 140.1





#19

1,1-Dichloroethane

Concen: 0.368 ug/L

RT: 3.864 min Scan# 786

Delta R.T. -0.003 min

Lab File: VU053748.D

Acq: 17 Apr 2023 23:51

Instrument :

MSVOA_U

ClientSampleId :

BHE21

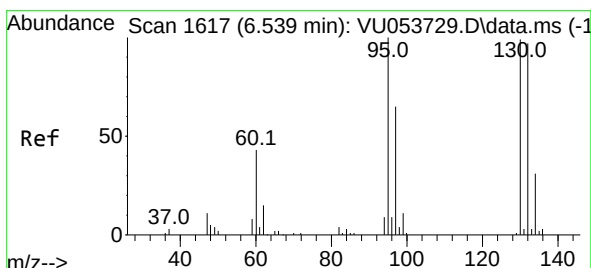
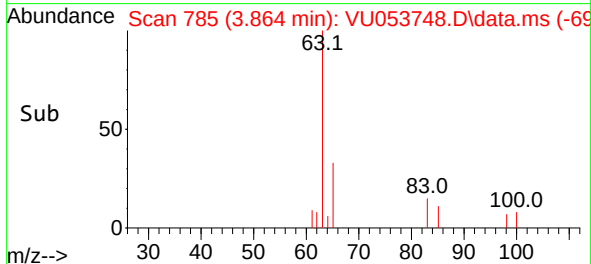
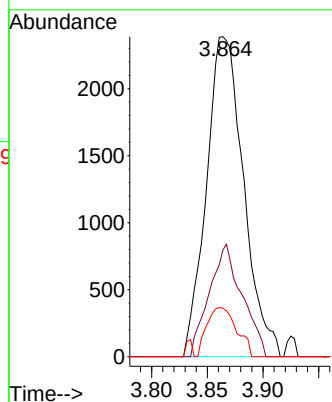
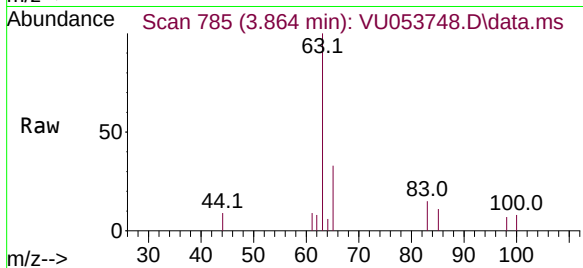
Tgt Ion: 63 Resp: 5543

Ion Ratio Lower Upper

63 100

65 33.3 21.7 40.3

83 15.1 8.1 15.1#



#34

Trichloroethene

Concen: 1.375 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VU053748.D

Acq: 17 Apr 2023 23:51

Tgt Ion: 95 Resp: 13195

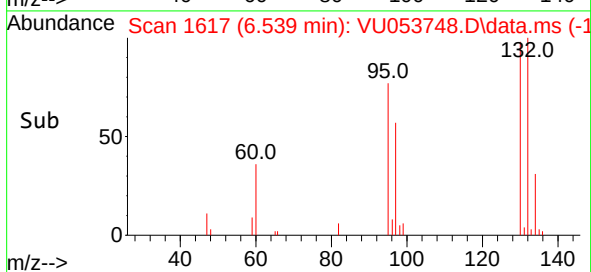
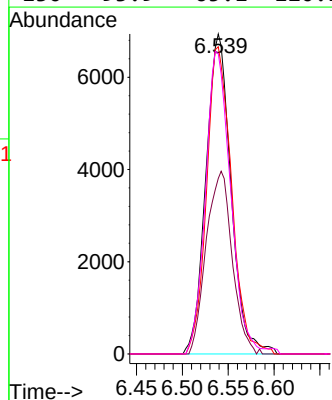
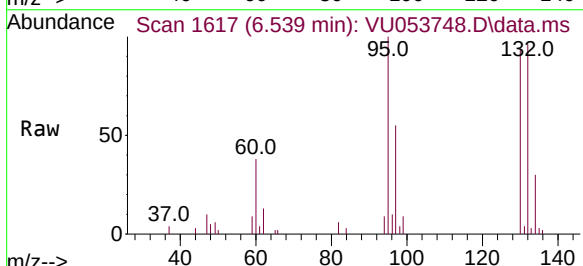
Ion Ratio Lower Upper

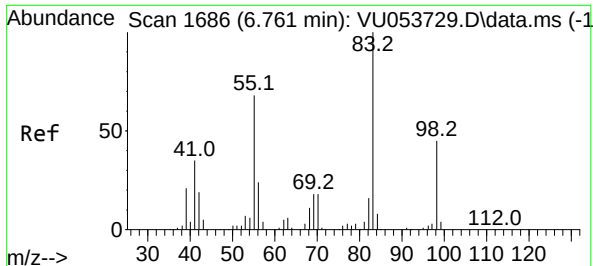
95 100

97 54.8 45.3 84.1

132 96.0 62.8 116.6

130 93.9 65.1 120.9





#35

Methylcyclohexane

Concen: 0.770 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU053748.D

Acq: 17 Apr 2023 23:51

Instrument :

MSVOA_U

ClientSampleId :

BHE21

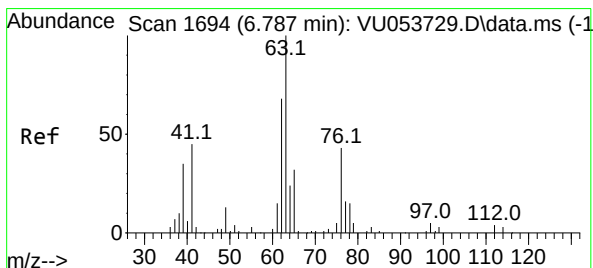
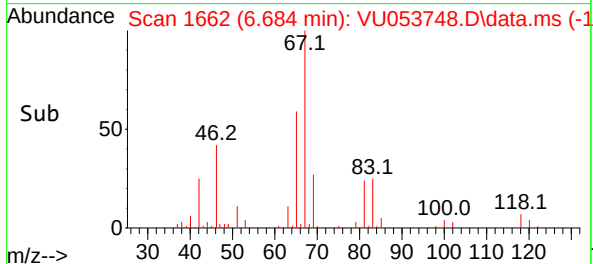
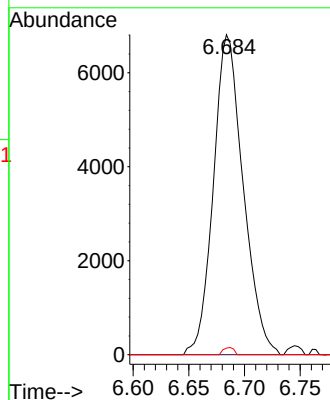
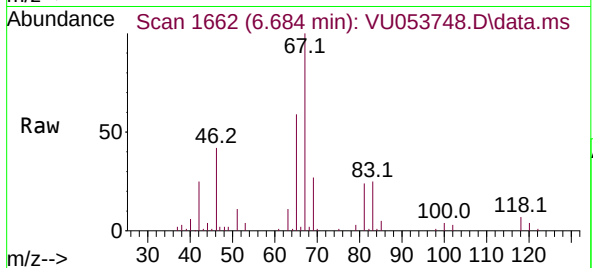
Tgt Ion: 83 Resp: 12678

Ion Ratio Lower Upper

83 100

55 0.0 54.9 82.3#

98 0.8 34.9 52.3#



#37

1,2-Dichloropropane

Concen: 0.591 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU053748.D

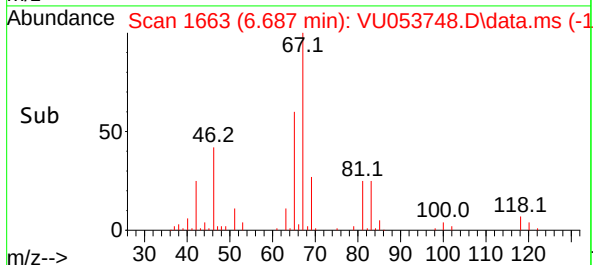
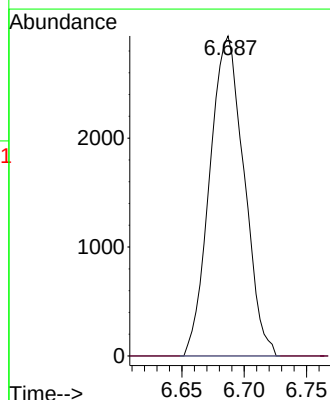
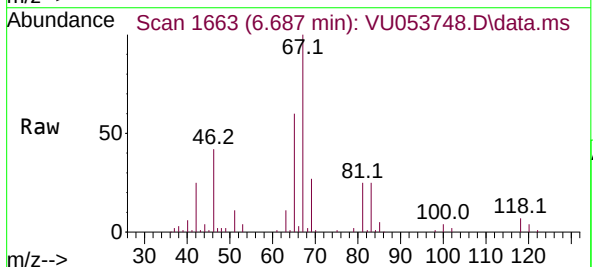
Acq: 17 Apr 2023 23:51

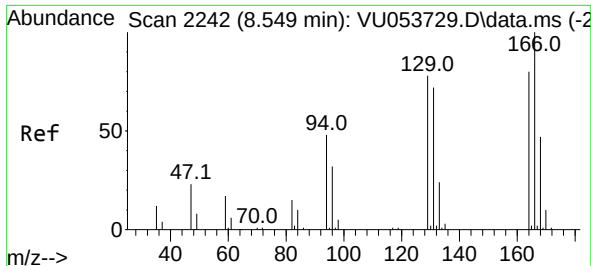
Tgt Ion: 63 Resp: 5628

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



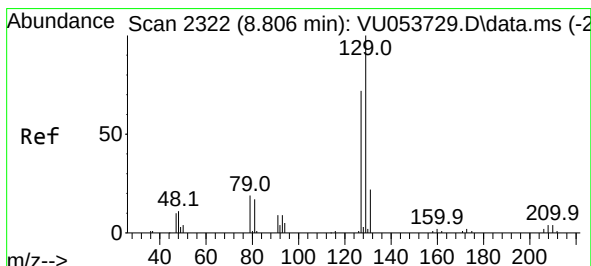
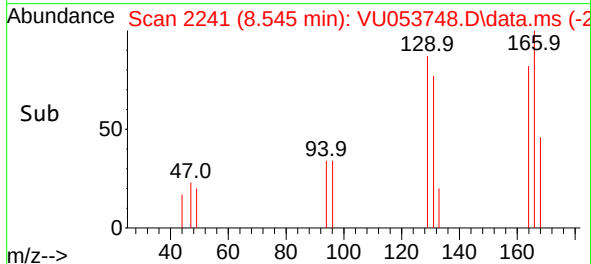
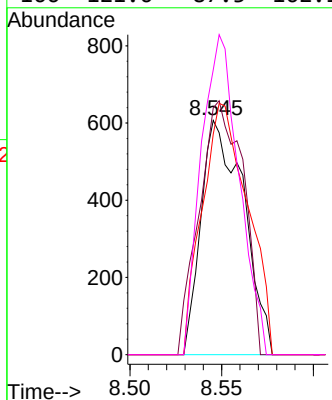
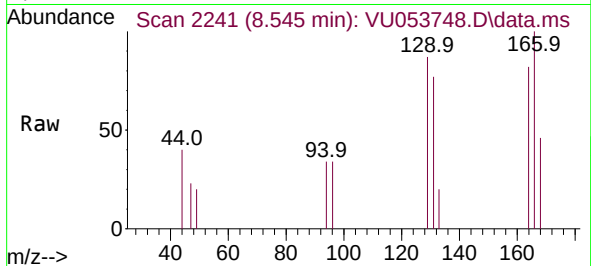


#47
Tetrachloroethene
Concen: 0.139 ug/L
RT: 8.545 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053748.D
Acq: 17 Apr 2023 23:51

Instrument :
MSVOA_U
ClientSampleId :
BHE21

Tgt Ion:164 Resp: 980

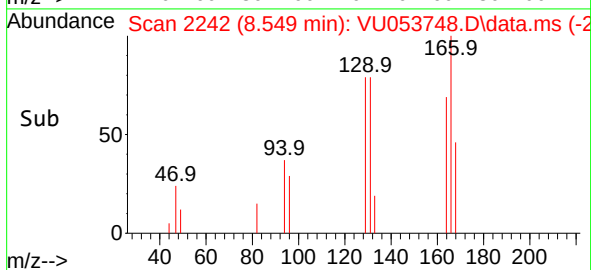
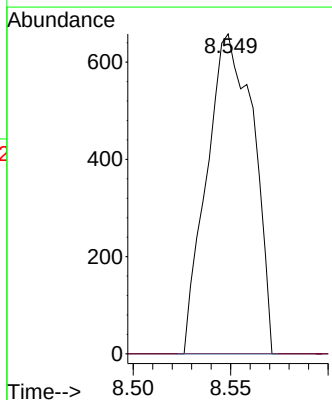
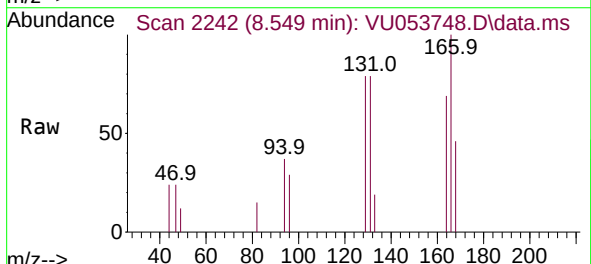
Ion	Ratio	Lower	Upper
164	100		
129	105.3	74.8	138.8
131	94.1	70.1	130.1
166	121.6	87.3	162.1

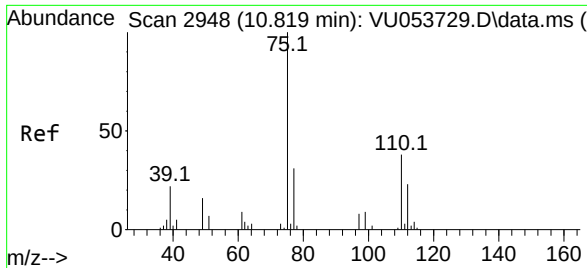


#49
Dibromochloromethane
Concen: 0.164 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU053748.D
Acq: 17 Apr 2023 23:51

Tgt Ion:129 Resp: 1096

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.2	97.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.474 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU053748.D
 Acq: 17 Apr 2023 23:51

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE21

Tgt Ion: 75 Resp: 7877
 Ion Ratio Lower Upper
 75 100
 110 0.3 30.6 46.0#
 77 29.2 26.1 39.1

