

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042823\
 Data File : VU053950.D
 Acq On : 27 Apr 2023 21:16
 Operator : JC/MD
 Sample : 02488-18 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE73

Quant Time: Apr 28 07:21:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 27 05:52:18 2023
 Response via : Initial Calibration

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

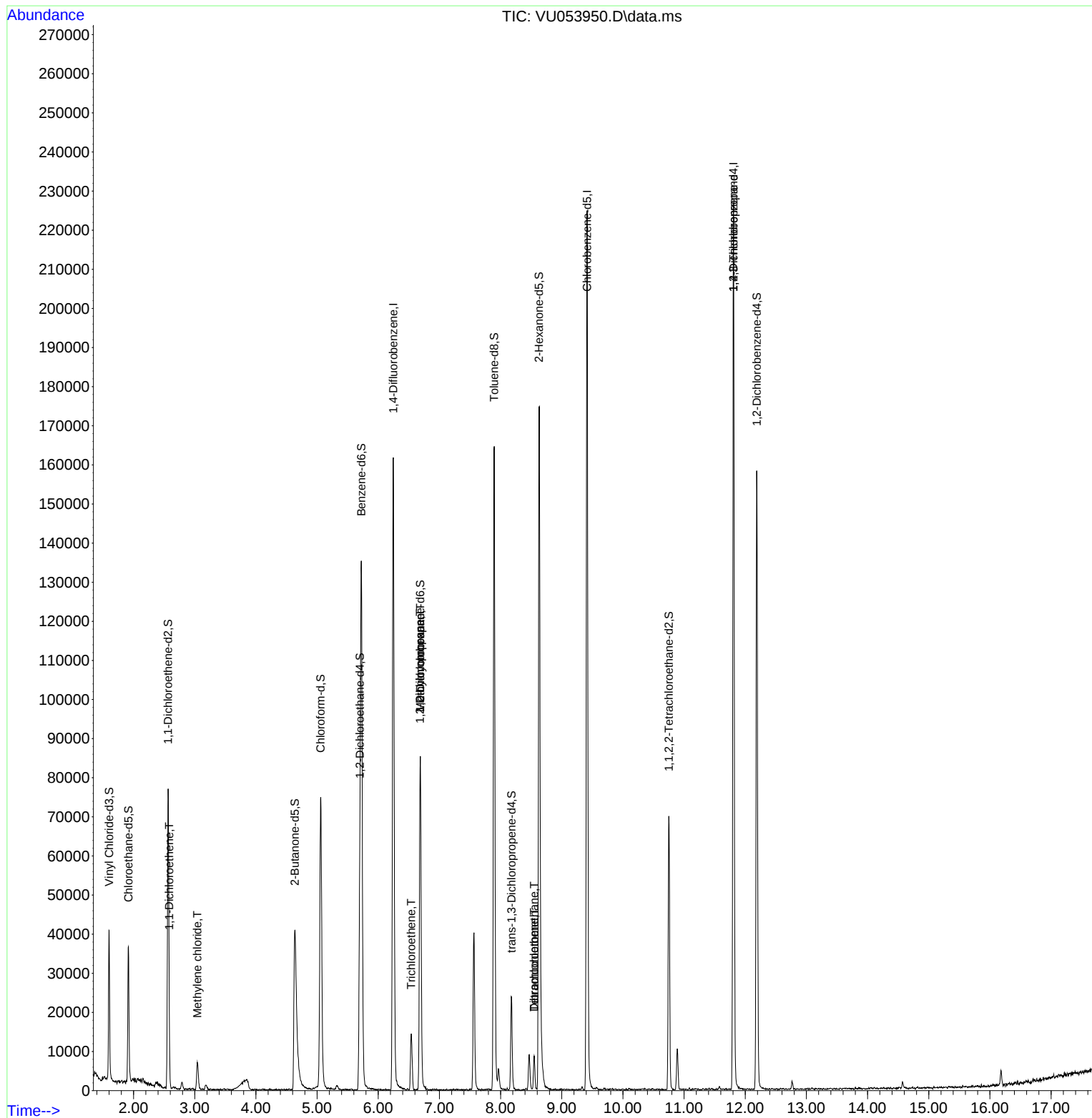
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	141507	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	133646	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	64619	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	29549	3.428	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.600%
7) Chloroethane-d5	1.916	69	27550	3.808	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.200%
11) 1,1-Dichloroethene-d2	2.565	65	13317	3.754	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.000%
20) 2-Butanone-d5	4.636	46	77340	48.991	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.980%
24) Chloroform-d	5.060	84	71360	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.700	65	33985	4.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.723	84	135111	4.291	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.687	67	44255	4.646	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.896	98	120834	4.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	8.179	79	14766	3.942	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.629	63	65381	49.319	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.640%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	34568	4.491	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	44651	4.308	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.581	96	1796	0.202	ug/L #	1
16) Methylene chloride	3.041	84	4103	0.338	ug/L	84
34) Trichloroethene	6.539	95	5574	0.543	ug/L	86
35) Methylcyclohexane	6.687	83	10312	0.650	ug/L #	22
37) 1,2-Dichloropropane	6.684	63	4486	0.480	ug/L #	87
47) Tetrachloroethene	8.549	164	2022	0.249	ug/L	86
49) Dibromochloromethane	8.549	129	1716	0.231	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	7417	1.488	ug/L #	65

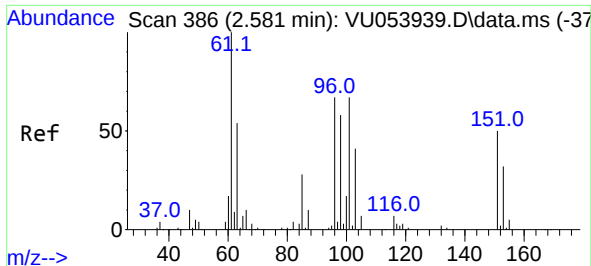
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.202 ug/L

RT: 2.581 min Scan# 3

Delta R.T. 0.003 min

Lab File: VU053950.D

Acq: 27 Apr 2023 21:16

Instrument :

MSVOA_U

ClientSampleId :

BHE73

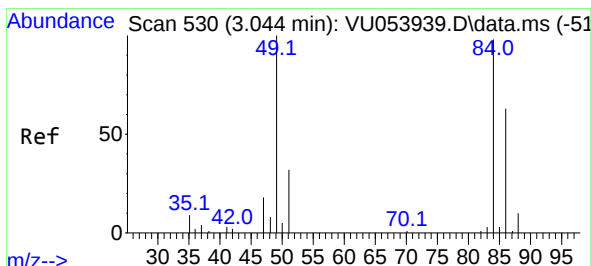
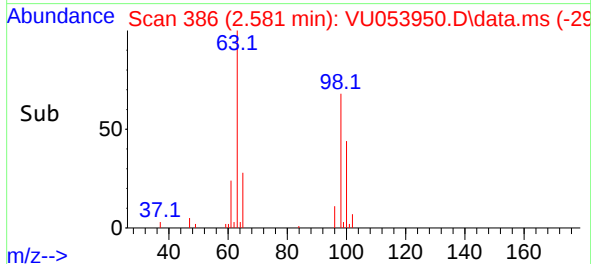
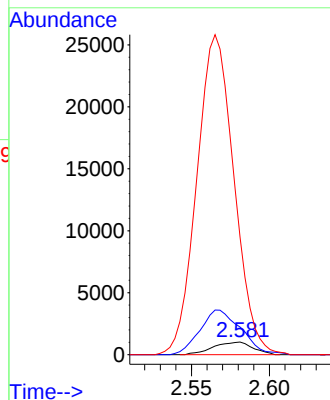
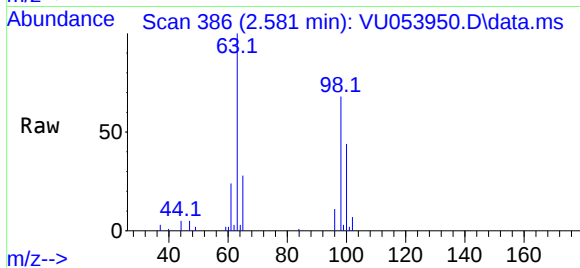
Tgt Ion: 96 Resp: 1796

Ion Ratio Lower Upper

96 100

61 218.9 111.5 207.1#

63 929.0 68.7 127.7#



#16

Methylene chloride

Concen: 0.338 ug/L

RT: 3.041 min Scan# 529

Delta R.T. -0.003 min

Lab File: VU053950.D

Acq: 27 Apr 2023 21:16

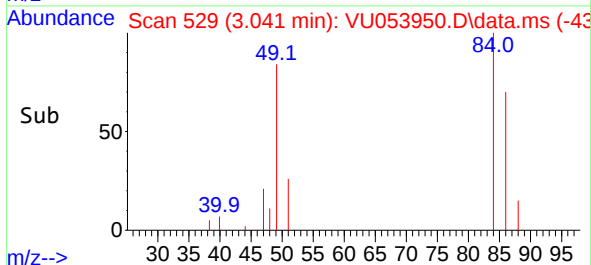
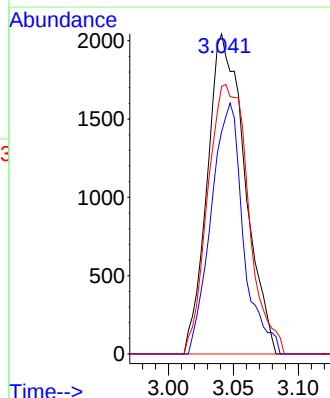
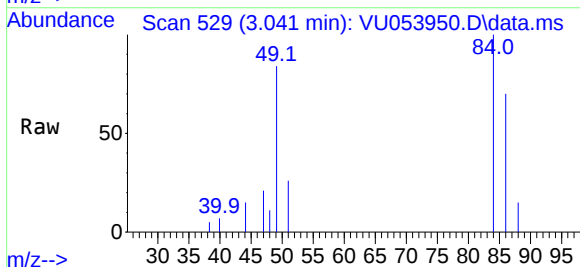
Tgt Ion: 84 Resp: 4103

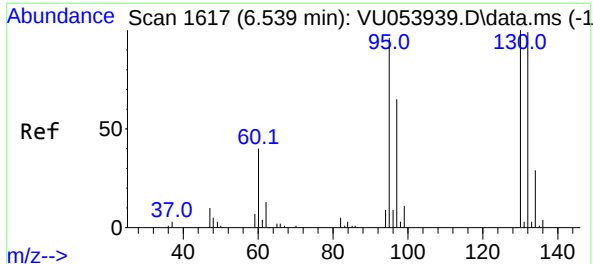
Ion Ratio Lower Upper

84 100

86 69.5 45.0 83.6

49 83.7 74.8 138.8



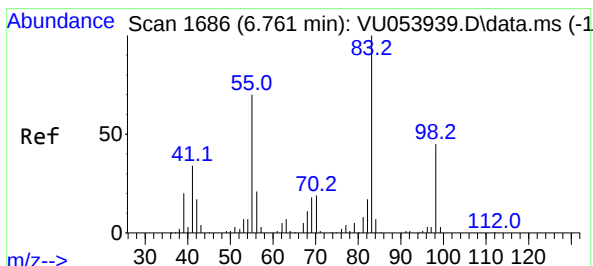
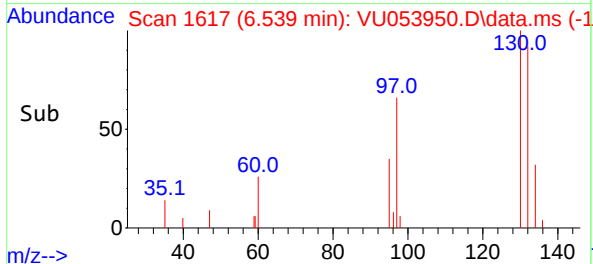
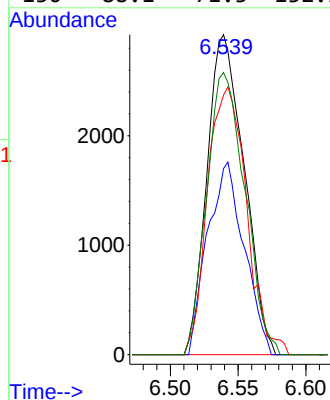
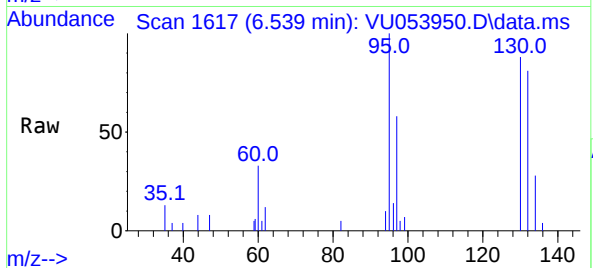


#34
Trichloroethene
Concen: 0.543 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU053950.D
Acq: 27 Apr 2023 21:16

Instrument :
MSVOA_U
ClientSampleId :
BHE73

Tgt Ion: 95 Resp: 5574

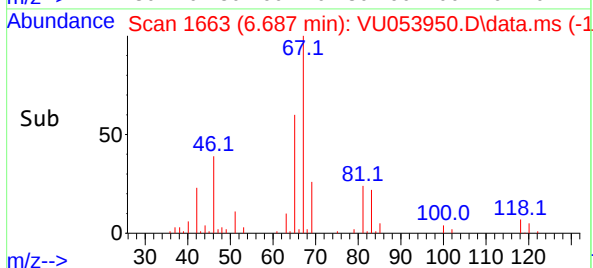
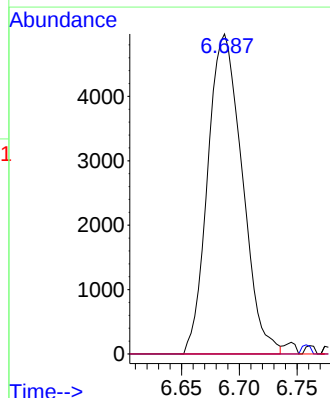
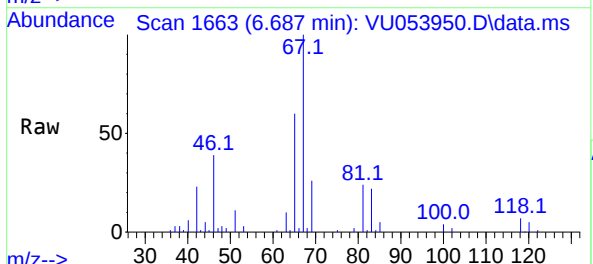
Ion	Ratio	Lower	Upper
95	100		
97	58.1	45.1	83.9
132	81.2	69.9	129.9
130	88.1	71.3	132.3

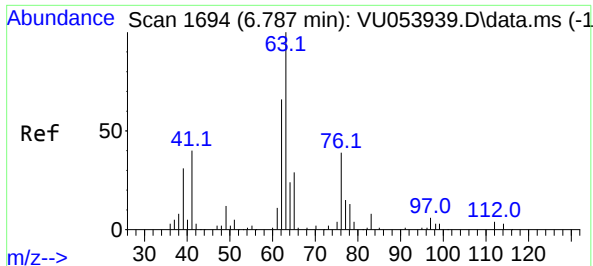


#35
Methylcyclohexane
Concen: 0.650 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU053950.D
Acq: 27 Apr 2023 21:16

Tgt Ion: 83 Resp: 10312

Ion	Ratio	Lower	Upper
83	100		
55	0.7	55.4	83.2#
98	0.6	37.3	55.9#

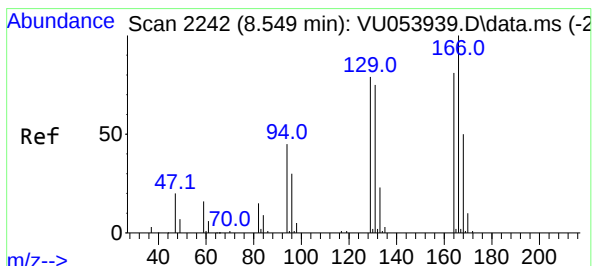
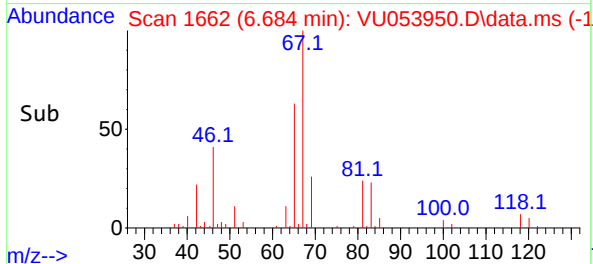
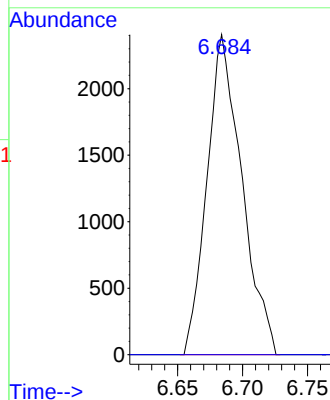
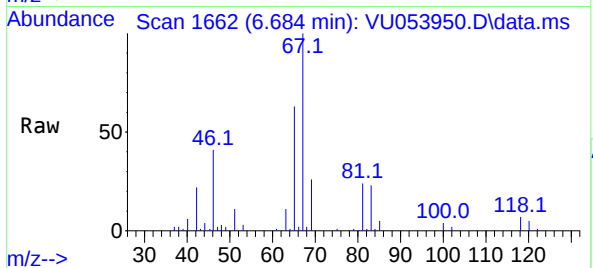




#37
1,2-Dichloropropane
Concen: 0.480 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU053950.D
Acq: 27 Apr 2023 21:16

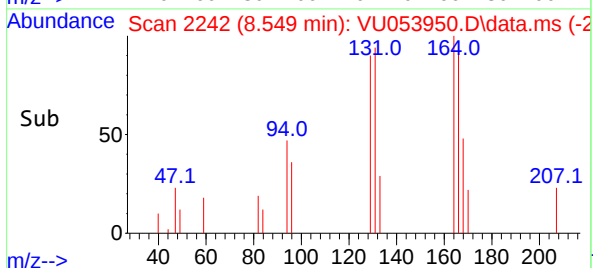
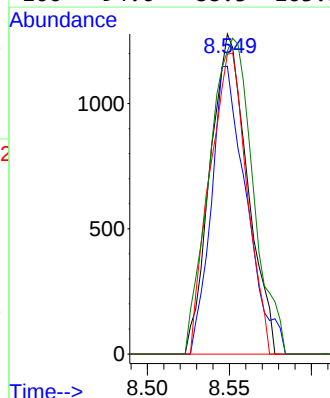
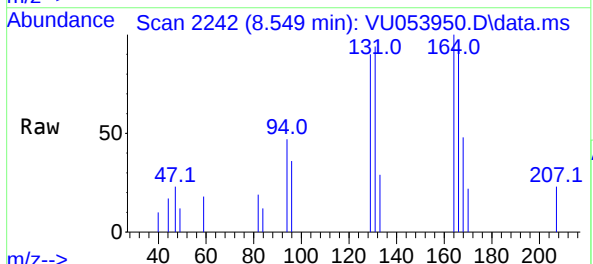
Instrument :
MSVOA_U
ClientSampleId :
BHE73

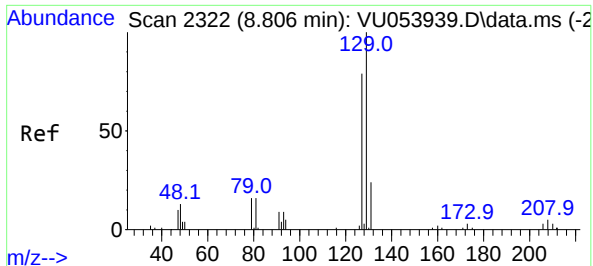
Tgt Ion: 63 Resp: 4486
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#47
Tetrachloroethene
Concen: 0.249 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053950.D
Acq: 27 Apr 2023 21:16

Tgt Ion:164 Resp: 2022
Ion Ratio Lower Upper
164 100
129 89.9 68.3 126.8
131 93.7 64.4 119.6
166 94.6 88.3 163.9





#49

Dibromochloromethane

Concen: 0.231 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU053950.D

Acq: 27 Apr 2023 21:16

Instrument :

MSVOA_U

ClientSampleId :

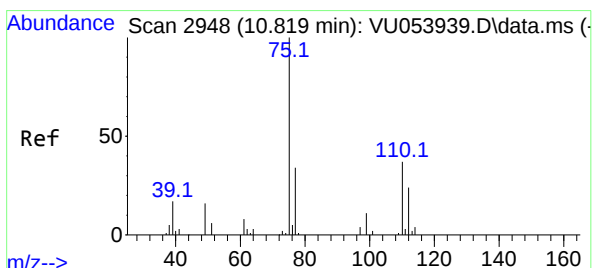
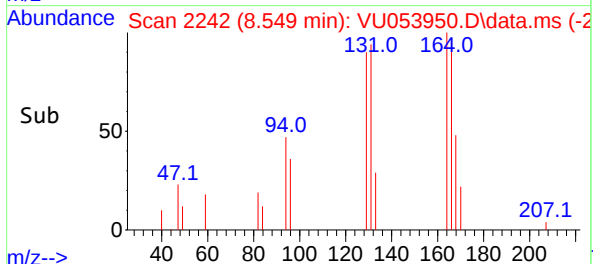
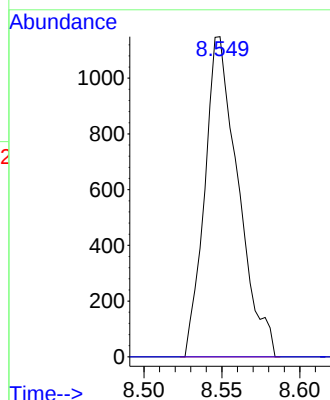
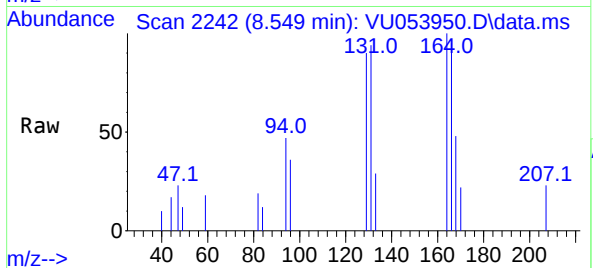
BHE73

Tgt Ion:129 Resp: 1716

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.488 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU053950.D

Acq: 27 Apr 2023 21:16

Tgt Ion: 75 Resp: 7417

Ion Ratio Lower Upper

75 100

110 0.9 30.7 46.1#

77 30.4 26.2 39.4

