

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042823\
 Data File : VU053953.D
 Acq On : 27 Apr 2023 22:29
 Operator : JC/MD
 Sample : 02488-21 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE76

Quant Time: Apr 28 07:21:56 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)

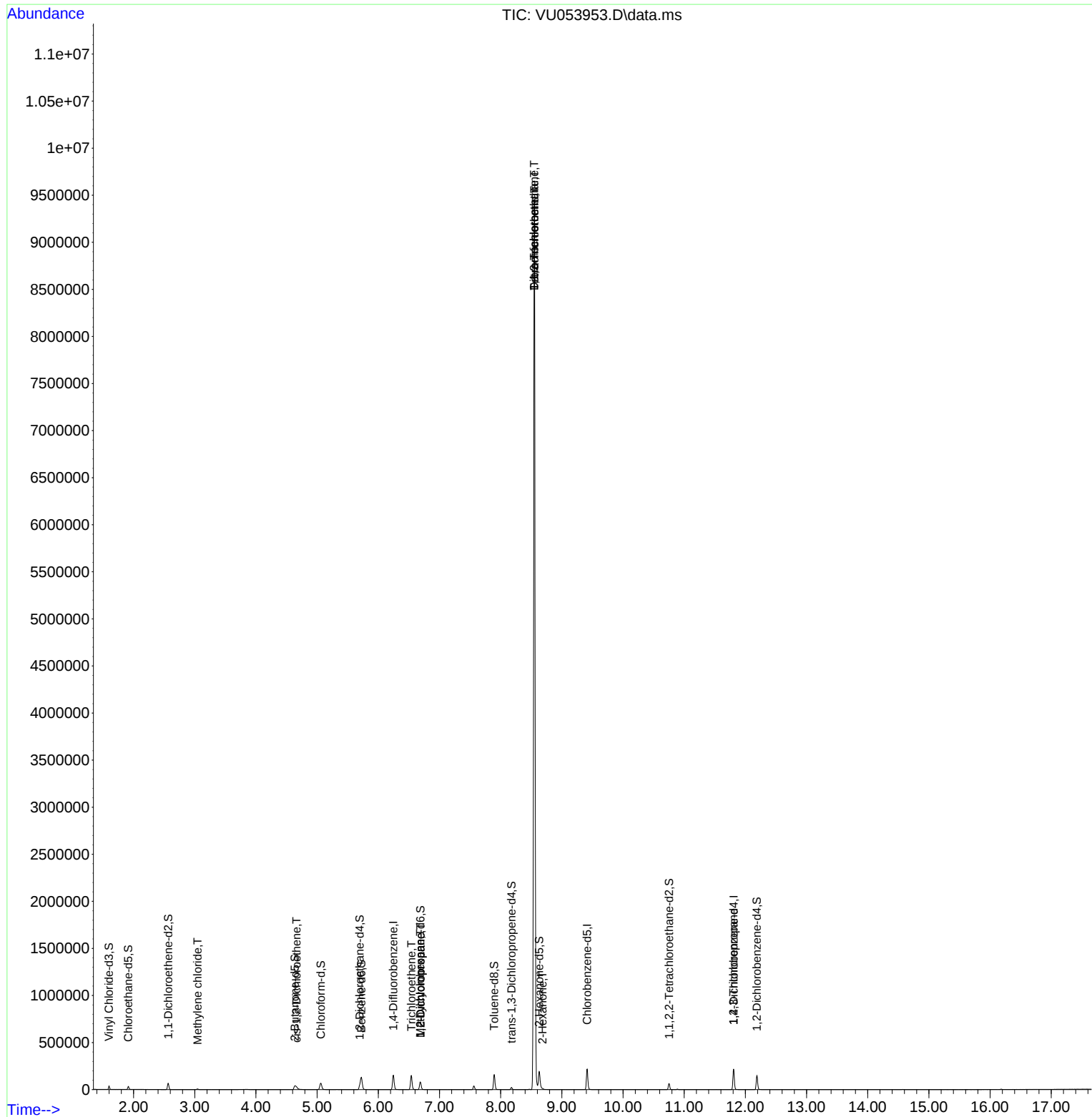
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	133975	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	129218	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	61712	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	27499	3.370	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.400%	
7) Chloroethane-d5	1.913	69	25957	3.790	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	75.800%	
11) 1,1-Dichloroethene-d2	2.565	65	13141	3.913	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.200%	
20) 2-Butanone-d5	4.636	46	76356	51.087	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.180%	
24) Chloroform-d	5.060	84	66720	4.339	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
26) 1,2-Dichloroethane-d4	5.697	65	31342	4.410	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.200%	
32) Benzene-d6	5.723	84	128988	4.237	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.800%	
36) 1,2-Dichloropropane-d6	6.687	67	41995	4.560	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.200%	
41) Toluene-d8	7.893	98	112789	3.970	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.400%	
43) trans-1,3-Dichloroprop...	8.176	79	14056	3.881	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.600%	
46) 2-Hexanone-d5	8.629	63	68077	53.113	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.220%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	33152	4.455	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.000%	
66) 1,2-Dichlorobenzene-d4	12.189	152	43425	4.387	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.800%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.044	84	3404	0.296	ug/L	87
22) cis-1,2-Dichloroethene	4.665	96	5370	0.559	ug/L	95
34) Trichloroethene	6.539	95	50762	5.114	ug/L	98
35) Methylcyclohexane	6.684	83	9710	0.633	ug/L #	21
37) 1,2-Dichloropropane	6.687	63	4478	0.496	ug/L #	87
45) 1,1,2-Trichloroethane	8.549	97	17021	2.513	ug/L #	1
47) Tetrachloroethene	8.552	164	2073986	263.639	ug/L	98
48) 2-Hexanone	8.684	43	1906	0.615	ug/L #	81
49) Dibromochloromethane	8.549	129	2029246	282.951	ug/L #	10
61) 1,2,3-Trichloropropane	11.806	75	6986	1.468	ug/L #	63

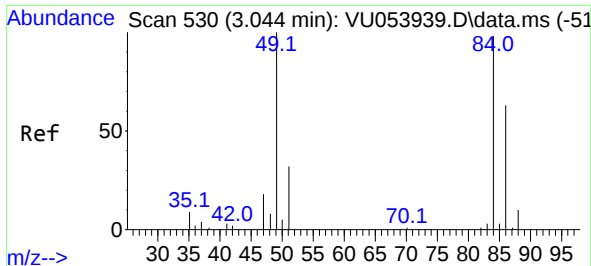
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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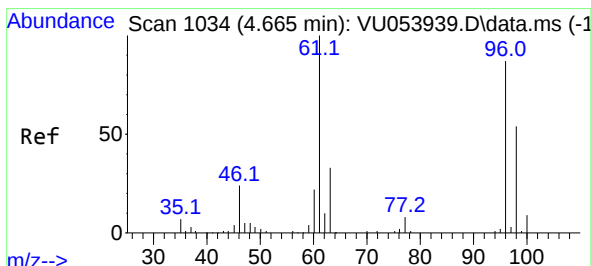
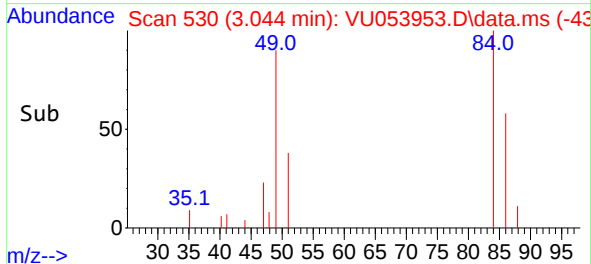
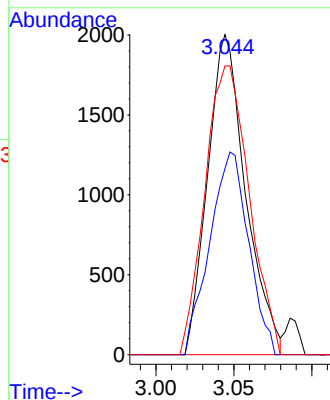
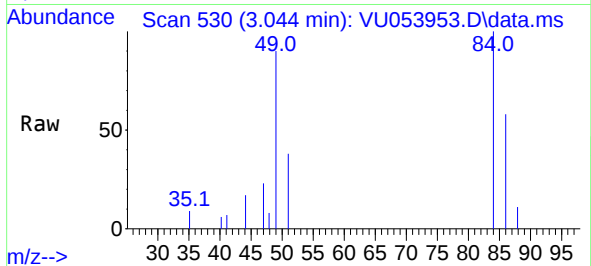




#16
Methylene chloride
Concen: 0.296 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU053953.D
Acq: 27 Apr 2023 22:29

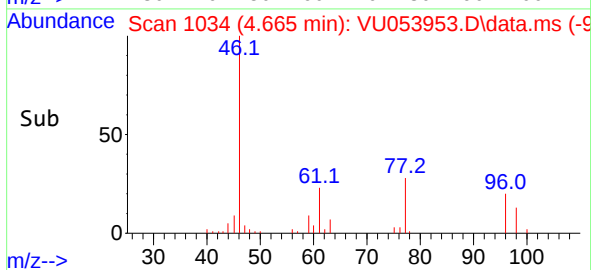
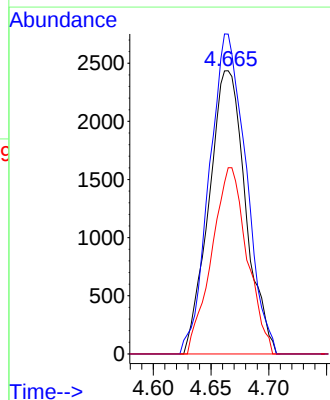
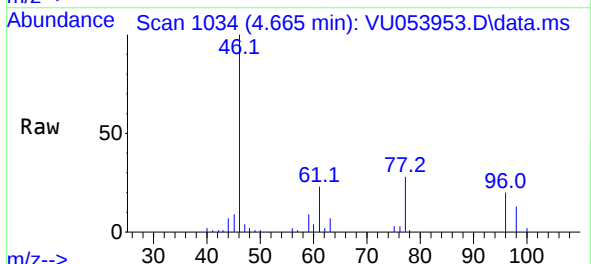
Instrument :
MSVOA_U
ClientSampleId :
BHE76

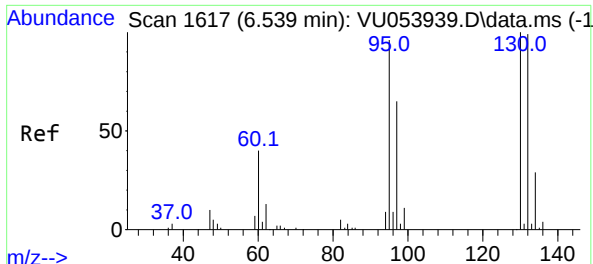
Tgt Ion: 84 Resp: 3404
Ion Ratio Lower Upper
84 100
86 58.2 45.0 83.6
49 90.3 74.8 138.8



#22
cis-1,2-Dichloroethene
Concen: 0.559 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VU053953.D
Acq: 27 Apr 2023 22:29

Tgt Ion: 96 Resp: 5370
Ion Ratio Lower Upper
96 100
61 112.9 84.3 156.5
98 65.8 46.4 86.2



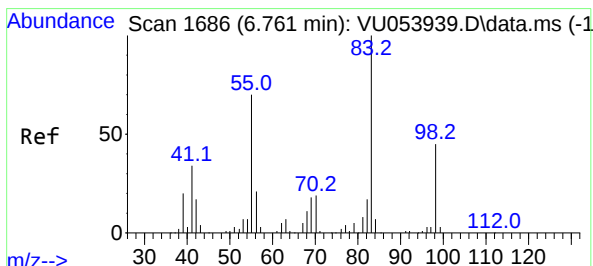
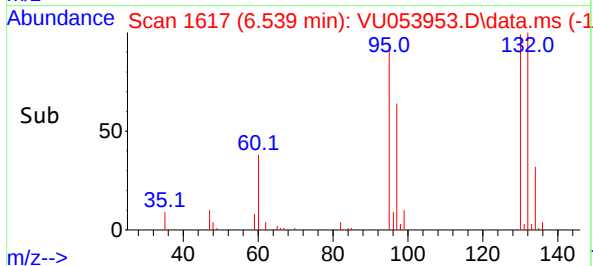
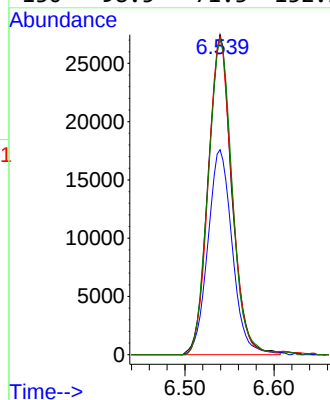
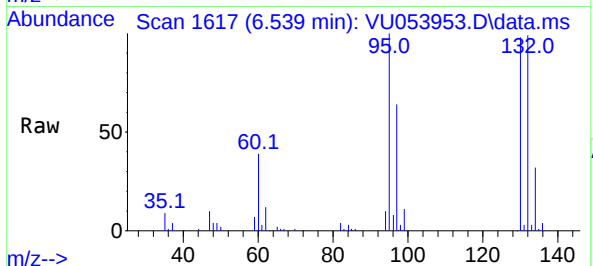


#34
Trichloroethene
Concen: 5.114 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU053953.D
Acq: 27 Apr 2023 22:29

Instrument :
MSVOA_U
ClientSampleId :
BHE76

Tgt Ion: 95 Resp: 50762

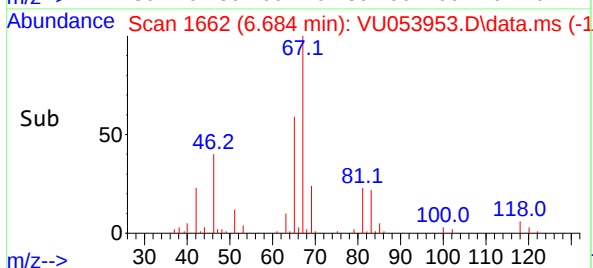
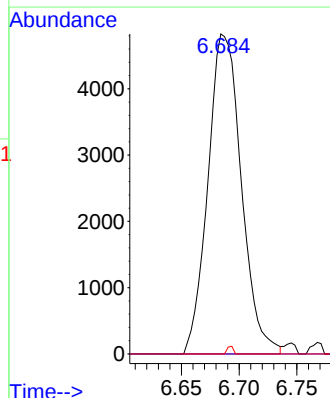
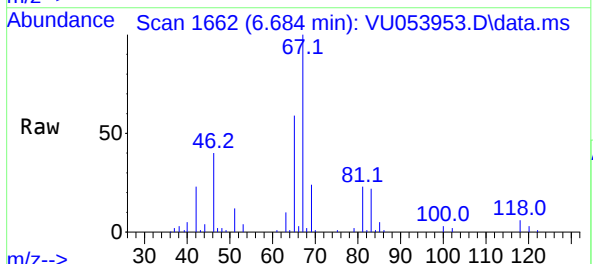
Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.1	83.9
132	99.4	69.9	129.9
130	98.5	71.3	132.3

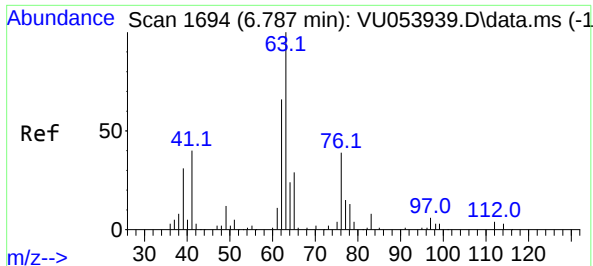


#35
Methylcyclohexane
Concen: 0.633 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.074 min
Lab File: VU053953.D
Acq: 27 Apr 2023 22:29

Tgt Ion: 83 Resp: 9710

Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.4	83.2#
98	0.4	37.3	55.9#

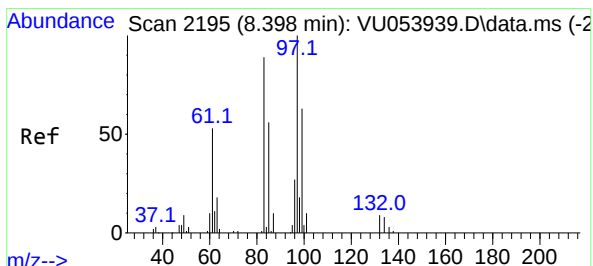
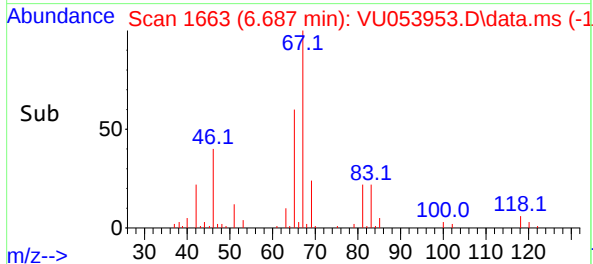
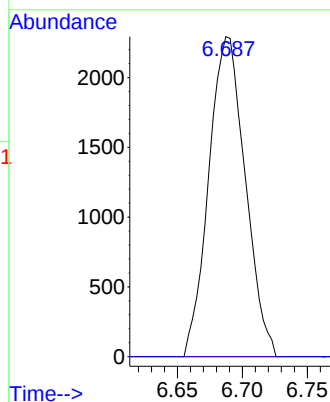
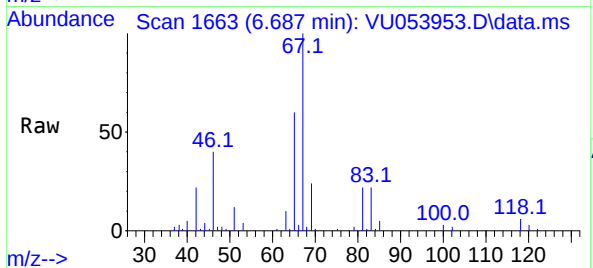




#37
1,2-Dichloropropane
Concen: 0.496 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU053953.D
Acq: 27 Apr 2023 22:29

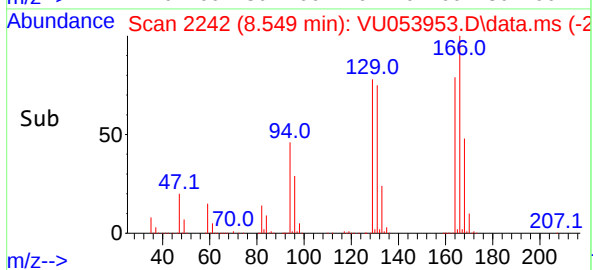
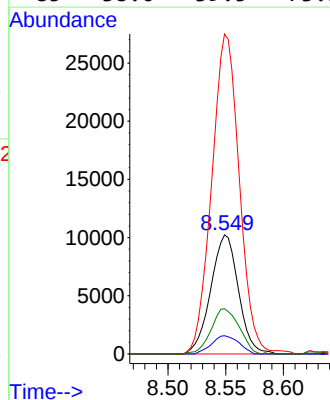
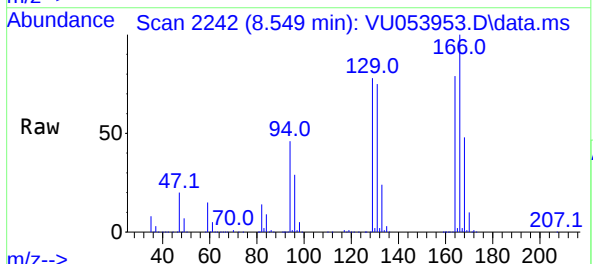
Instrument :
MSVOA_U
ClientSampleId :
BHE76

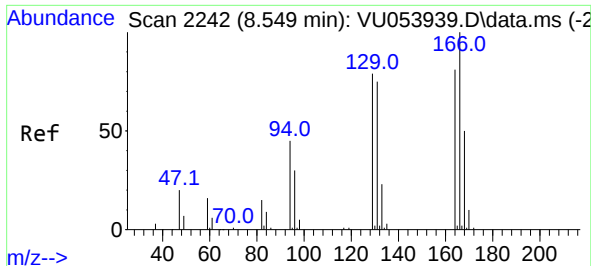
Tgt Ion: 63 Resp: 4478
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#45
1,1,2-Trichloroethane
Concen: 2.513 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.155 min
Lab File: VU053953.D
Acq: 27 Apr 2023 22:29

Tgt Ion: 97 Resp: 17021
Ion Ratio Lower Upper
97 100
99 15.3 44.7 83.1#
83 268.9 59.8 111.1#
85 38.0 39.5 73.3#

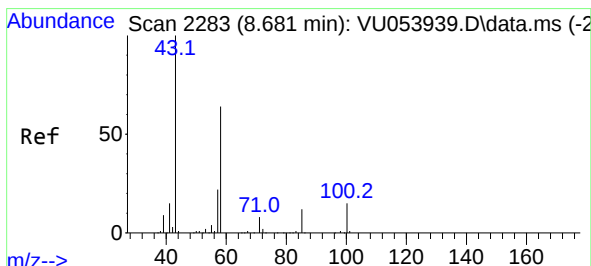
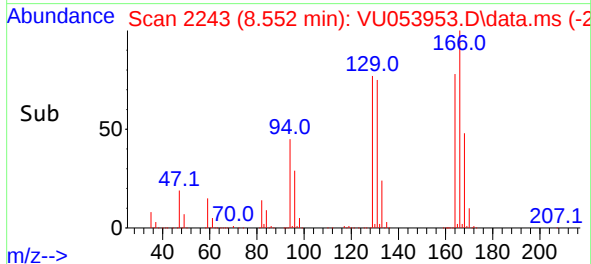
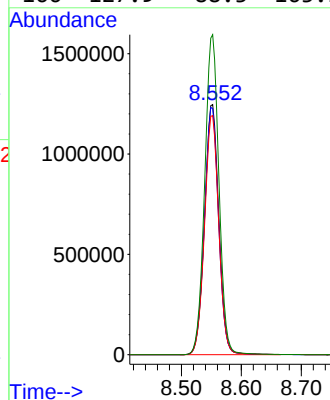
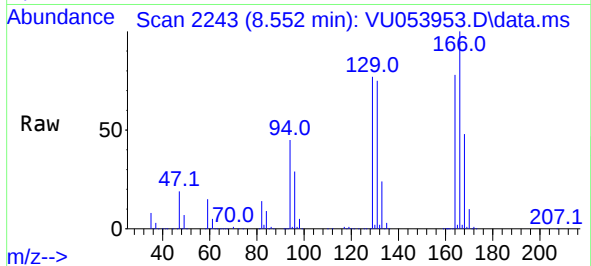




#47
Tetrachloroethene
Concen: 263.639 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053953.D
Acq: 27 Apr 2023 22:29

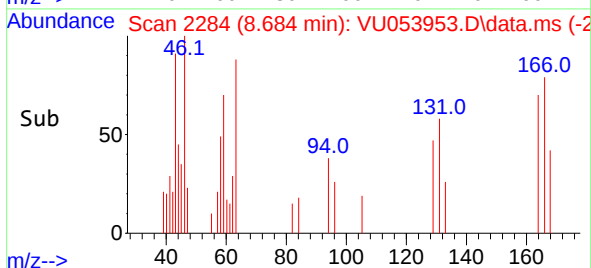
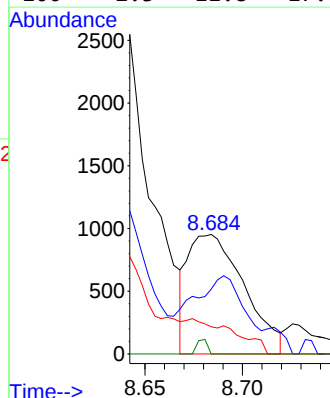
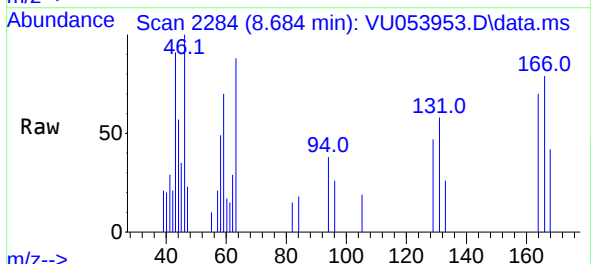
Instrument :
MSVOA_U
ClientSampleId :
BHE76

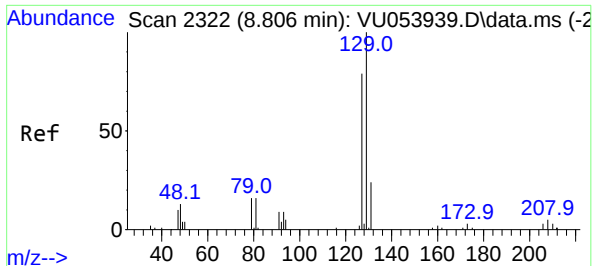
Tgt Ion:164 Resp: 2073986
Ion Ratio Lower Upper
164 100
129 98.4 68.3 126.8
131 95.6 64.4 119.6
166 127.9 88.3 163.9



#48
2-Hexanone
Concen: 0.615 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. 0.003 min
Lab File: VU053953.D
Acq: 27 Apr 2023 22:29

Tgt Ion: 43 Resp: 1906
Ion Ratio Lower Upper
43 100
58 68.3 49.8 74.6
57 0.0 16.9 25.3#
100 2.3 11.8 17.8#





#49

Dibromochloromethane

Concen: 282.951 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU053953.D

Acq: 27 Apr 2023 22:29

Instrument :

MSVOA_U

ClientSampleId :

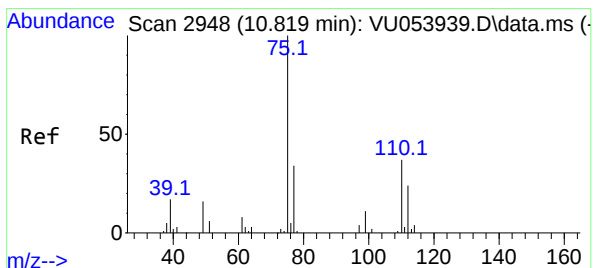
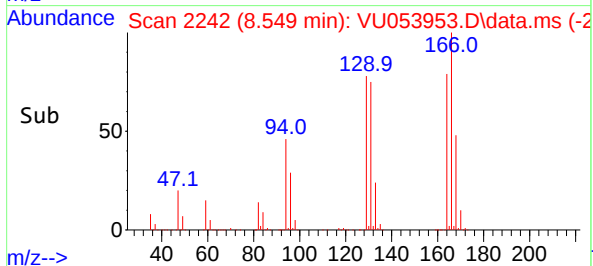
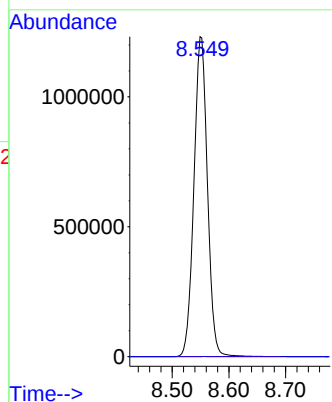
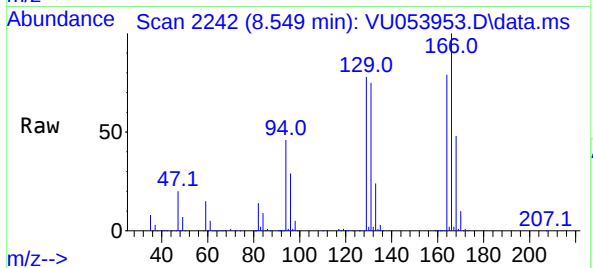
BHE76

Tgt Ion:129 Resp: 2029246

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.468 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU053953.D

Acq: 27 Apr 2023 22:29

Tgt Ion: 75 Resp: 6986

Ion Ratio Lower Upper

75 100

110 0.0 30.7 46.1#

77 36.4 26.2 39.4

