

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042823\
 Data File : VU053947.D
 Acq On : 27 Apr 2023 20:04
 Operator : JC/MD
 Sample : 02488-14DL 250X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE69DL

Quant Time: Apr 28 07:21:14 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)

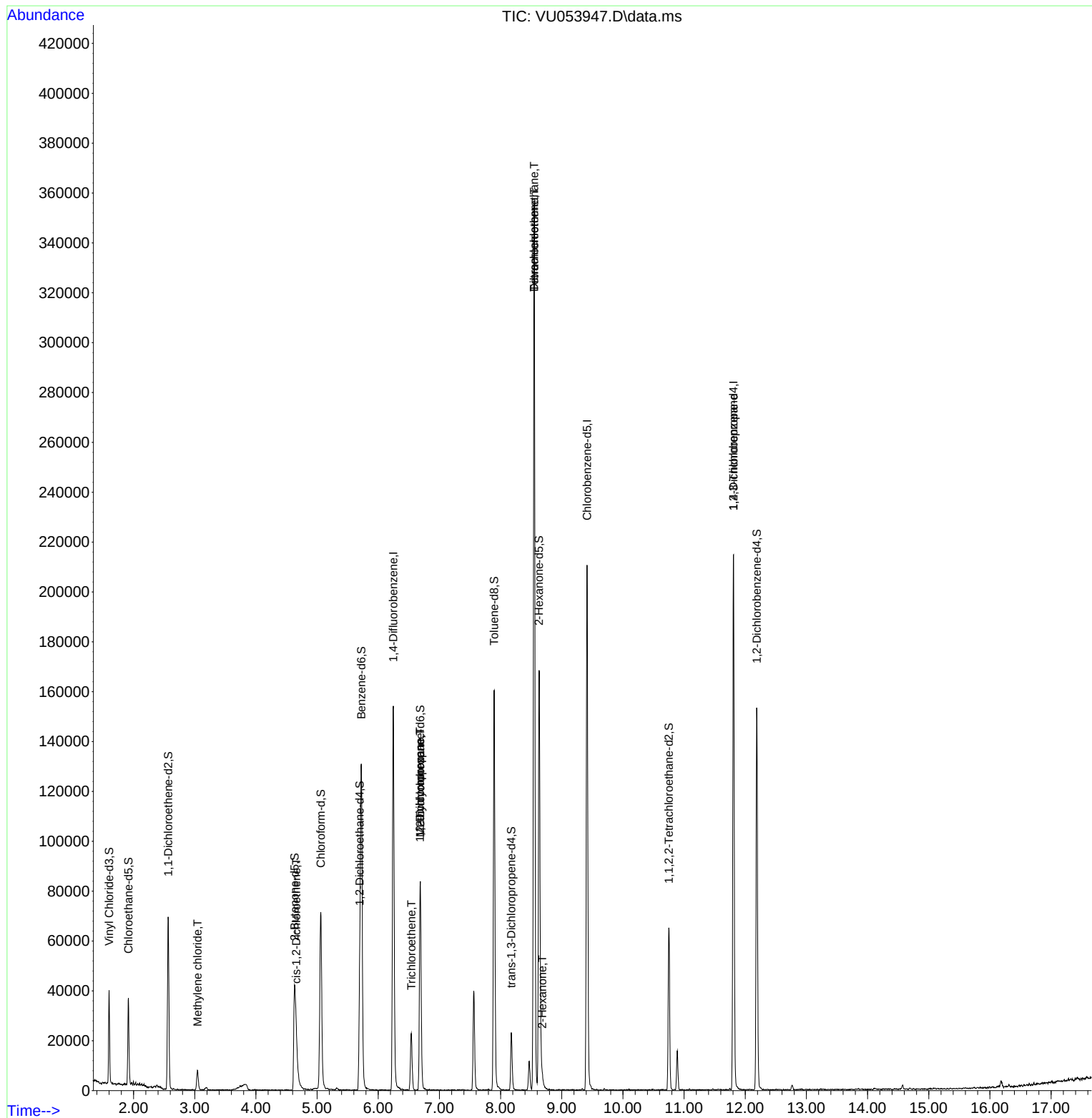
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	132707	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	126907	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	61631	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	27936	3.456	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.200%
7) Chloroethane-d5	1.916	69	26972	3.976	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.568	65	12501	3.758	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	4.633	46	75861	51.241	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.480%
24) Chloroform-d	5.060	84	68112	4.472	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.697	65	31897	4.531	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.723	84	132989	4.448	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.687	67	43109	4.766	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.896	98	114045	4.087	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	8.176	79	14457	4.064	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.629	63	62859	49.935	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.860%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	33281	4.553	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	42466	4.296	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
16) Methylene chloride	3.048	84	4034	0.354	ug/L	95
22) cis-1,2-Dichloroethene	4.662	96	1573	0.165	ug/L	89
34) Trichloroethene	6.543	95	7874	0.808	ug/L	95
35) Methylcyclohexane	6.687	83	9980	0.663	ug/L #	21
37) 1,2-Dichloropropane	6.684	63	4336	0.489	ug/L #	87
47) Tetrachloroethene	8.549	164	79937	10.346	ug/L	98
48) 2-Hexanone	8.684	43	2242	0.737	ug/L #	76
49) Dibromochloromethane	8.549	129	77149	10.953	ug/L #	10
61) 1,2,3-Trichloropropane	11.806	75	6747	1.420	ug/L #	66

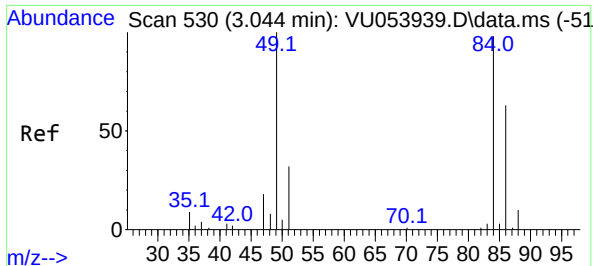
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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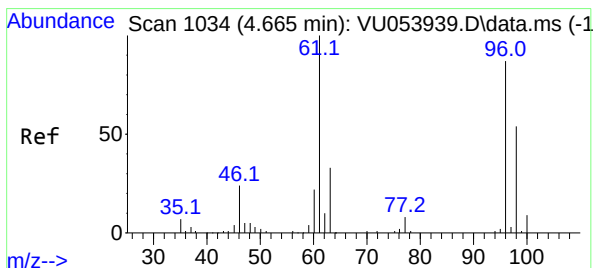
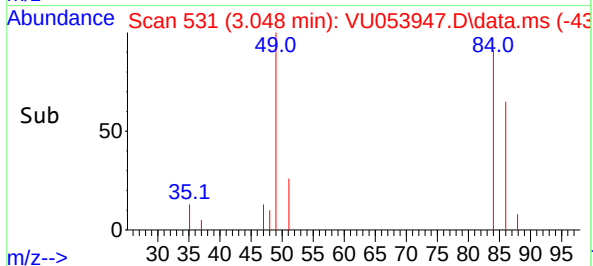
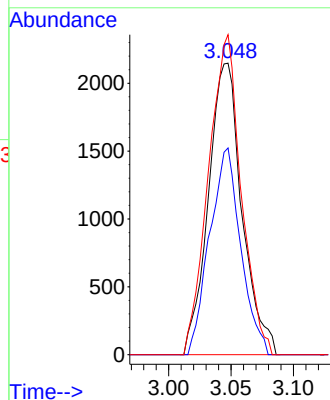
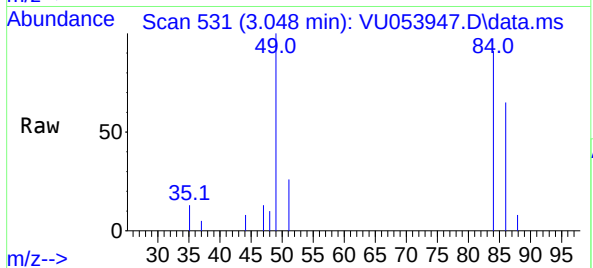




#16
Methylene chloride
Concen: 0.354 ug/L
RT: 3.048 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU053947.D
Acq: 27 Apr 2023 20:04

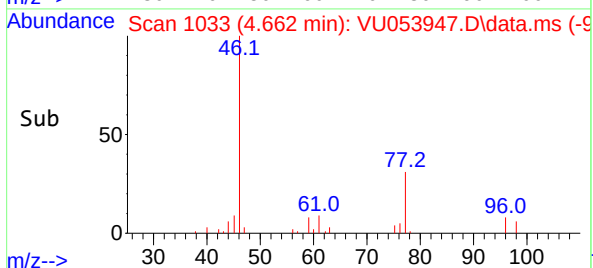
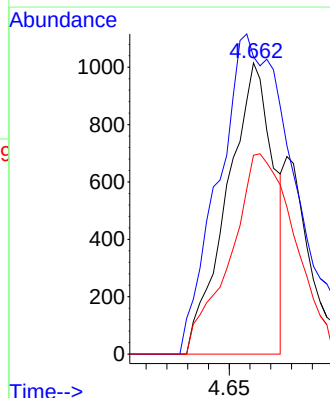
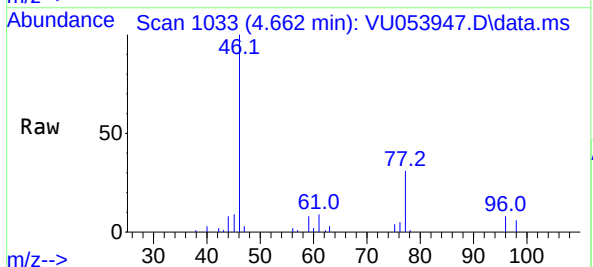
Instrument :
MSVOA_U
ClientSampleId :
BHE69DL

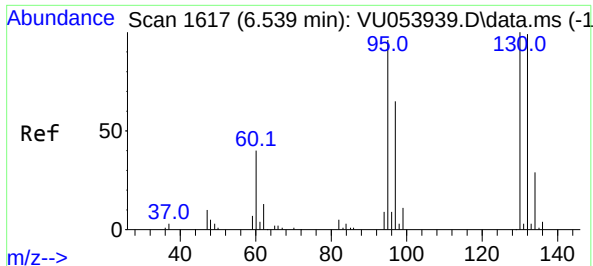
Tgt Ion: 84 Resp: 4034
Ion Ratio Lower Upper
84 100
86 70.9 45.0 83.6
49 109.8 74.8 138.8



#22
cis-1,2-Dichloroethene
Concen: 0.165 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU053947.D
Acq: 27 Apr 2023 20:04

Tgt Ion: 96 Resp: 1573
Ion Ratio Lower Upper
96 100
61 102.1 84.3 156.5
98 68.3 46.4 86.2



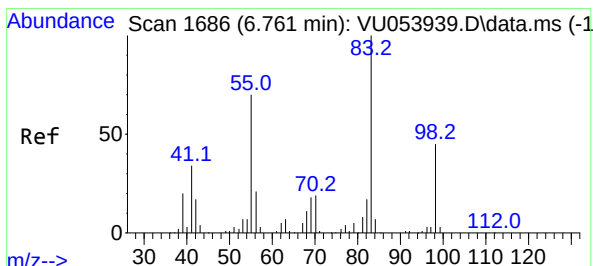
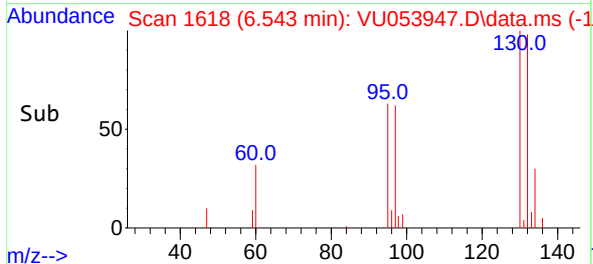
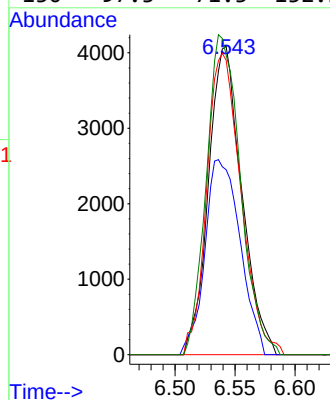
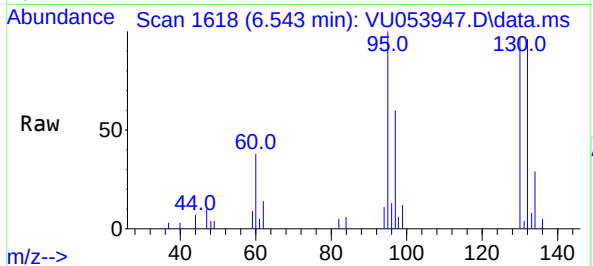


#34
Trichloroethene
Concen: 0.808 ug/L
RT: 6.543 min Scan# 1617
Delta R.T. 0.003 min
Lab File: VU053947.D
Acq: 27 Apr 2023 20:04

Instrument :
MSVOA_U
ClientSampleId :
BHE69DL

Tgt Ion: 95 Resp: 7874

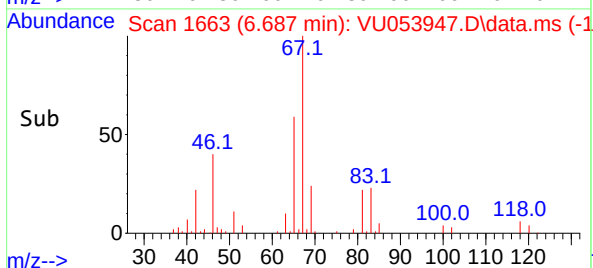
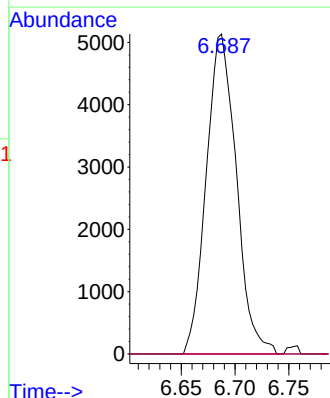
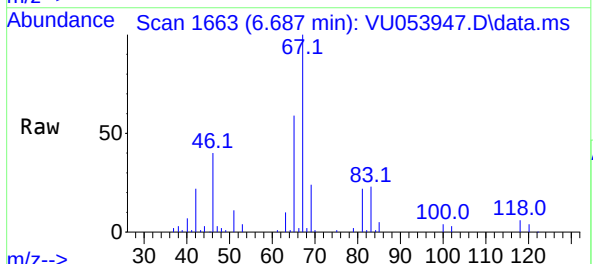
Ion	Ratio	Lower	Upper
95	100		
97	60.0	45.1	83.9
132	95.5	69.9	129.9
130	97.3	71.3	132.3

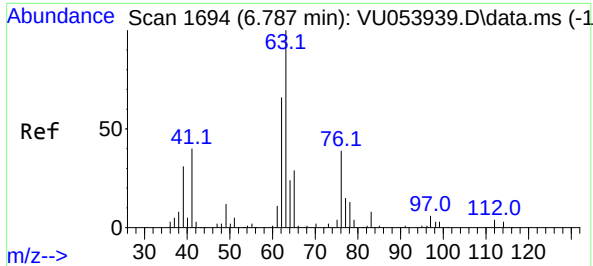


#35
Methylcyclohexane
Concen: 0.663 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU053947.D
Acq: 27 Apr 2023 20:04

Tgt Ion: 83 Resp: 9980

Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.4	83.2#
98	0.6	37.3	55.9#

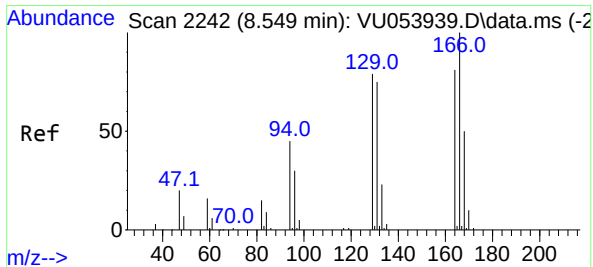
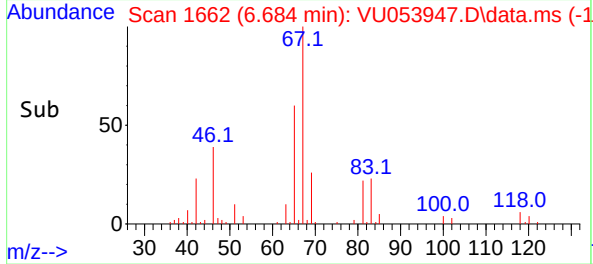
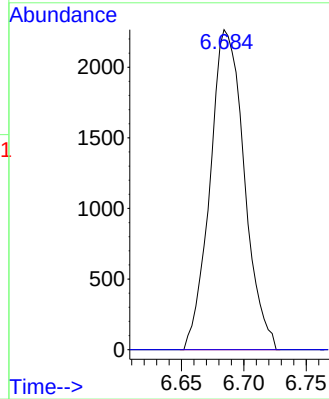
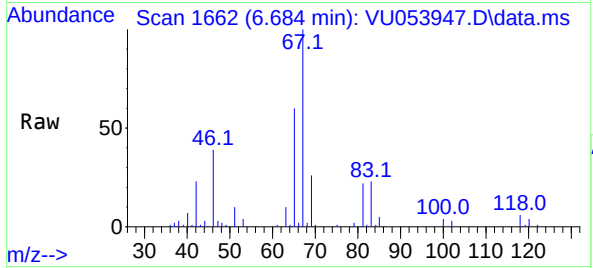




#37
1,2-Dichloropropane
Concen: 0.489 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU053947.D
Acq: 27 Apr 2023 20:04

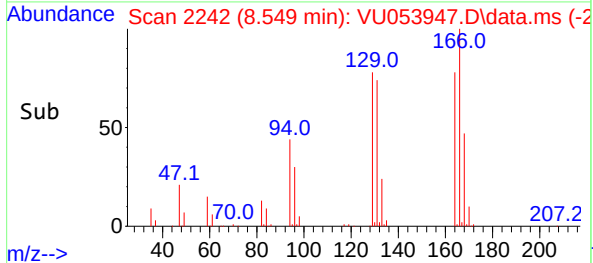
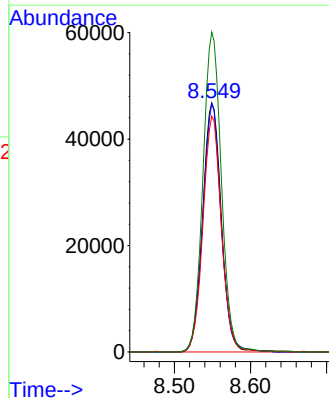
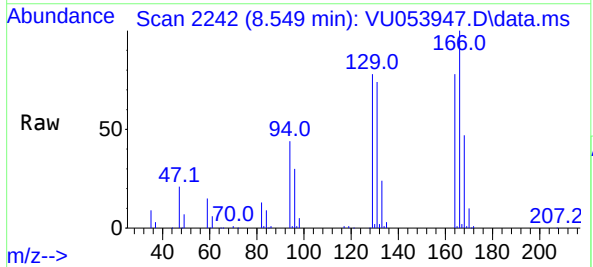
Instrument :
MSVOA_U
ClientSampleId :
BHE69DL

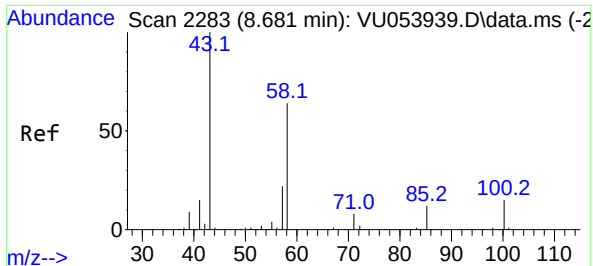
Tgt Ion: 63 Resp: 4336
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#47
Tetrachloroethene
Concen: 10.346 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053947.D
Acq: 27 Apr 2023 20:04

Tgt Ion:164 Resp: 79937
Ion Ratio Lower Upper
164 100
129 99.7 68.3 126.8
131 94.7 64.4 119.6
166 128.4 88.3 163.9



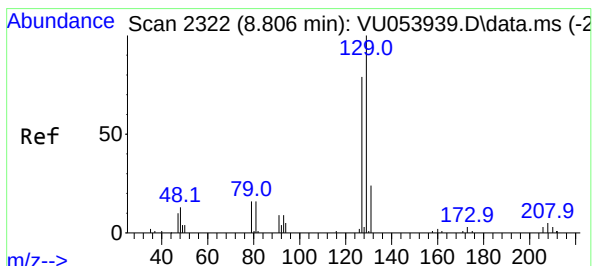
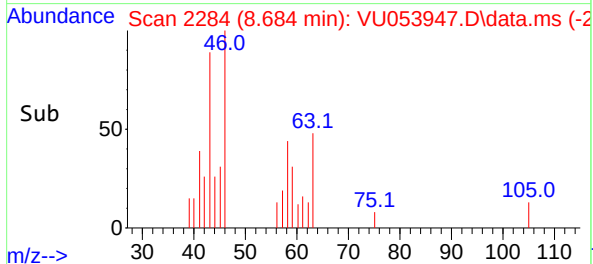
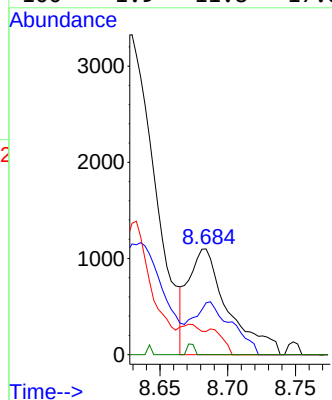
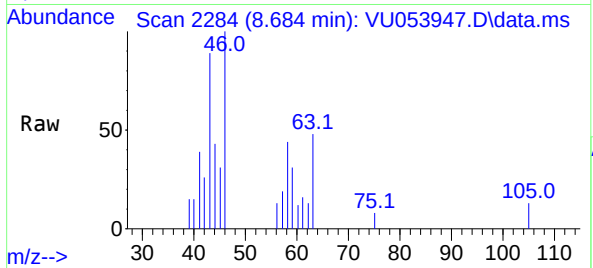


#48
2-Hexanone
Concen: 0.737 ug/L
RT: 8.684 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU053947.D
Acq: 27 Apr 2023 20:04

Instrument :
MSVOA_U
ClientSampleId :
BHE69DL

Tgt Ion: 43 Resp: 2242

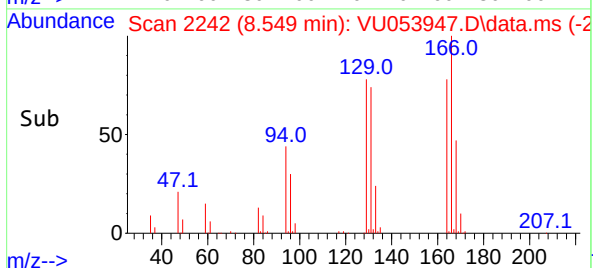
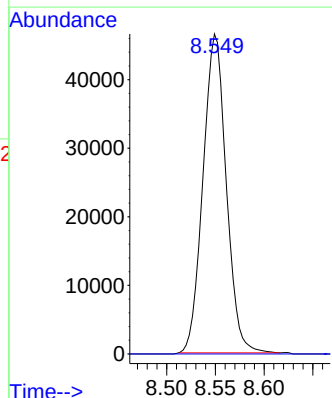
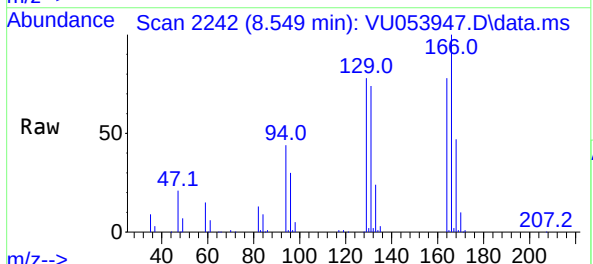
Ion	Ratio	Lower	Upper
43	100		
58	47.9	49.8	74.6#
57	4.4	16.9	25.3#
100	1.9	11.8	17.8#

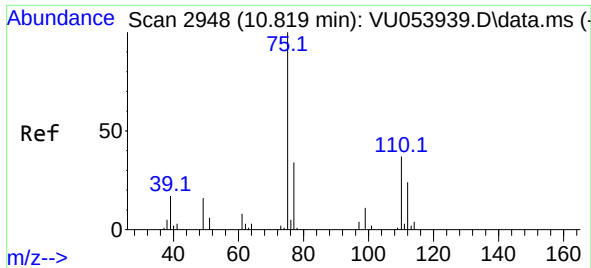


#49
Dibromochloromethane
Concen: 10.953 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU053947.D
Acq: 27 Apr 2023 20:04

Tgt Ion: 129 Resp: 77149

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.7	103.5#





#61

1,2,3-Trichloropropane

Concen: 1.420 ug/L

RT: 11.806 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU053947.D

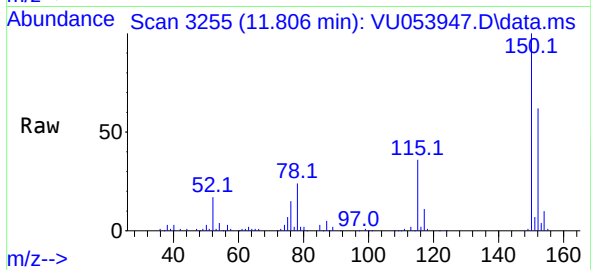
Acq: 27 Apr 2023 20:04

Instrument :

MSVOA_U

ClientSampleId :

BHE69DL



Tgt Ion: 75 Resp: 6747

Ion Ratio Lower Upper

75 100

110 1.3 30.7 46.1#

77 31.4 26.2 39.4

