

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042623\
 Data File : VU053915.D
 Acq On : 26 Apr 2023 15:42
 Operator : JC/MD
 Sample : 02433-04DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE40DL

Quant Time: Apr 27 05:56:19 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)

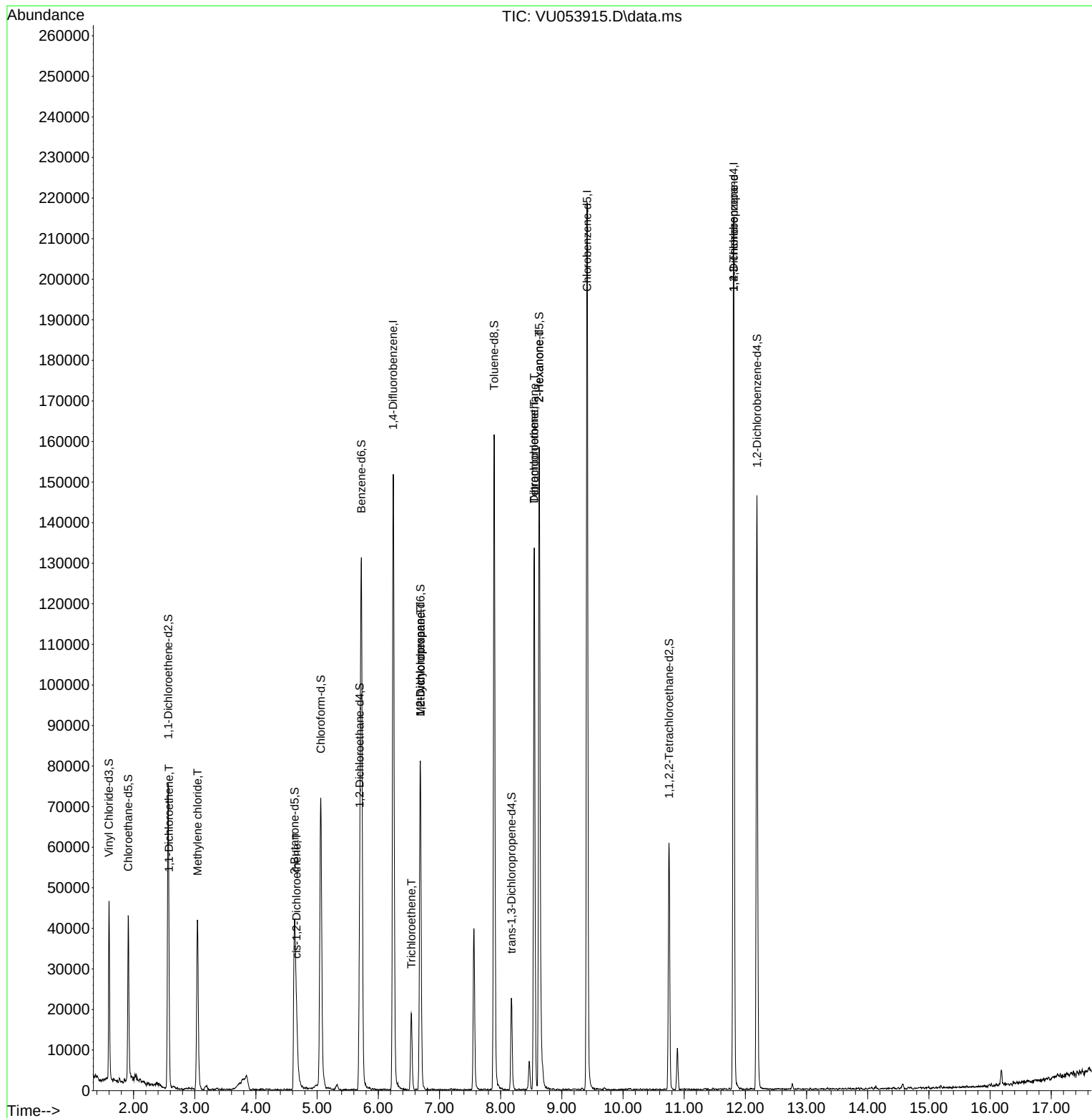
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	132887	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	128084	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	60371	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	33453	4.133	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.912	69	29605	4.358	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.565	65	13569	4.073	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	4.632	46	71231	48.048	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.100%
24) Chloroform-d	5.060	84	66729	4.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.697	65	31447	4.461	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.722	84	132070	4.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.687	67	41552	4.552	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.893	98	113508	4.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	8.176	79	14653	4.082	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.629	63	58794	46.276	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.560%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	31139	4.221	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	42632	4.403	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	1735	0.208	ug/L #	1
16) Methylene chloride	3.044	84	21893	1.919	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	4431	0.465	ug/L	97
34) Trichloroethene	6.539	95	6333	0.644	ug/L	98
35) Methylcyclohexane	6.687	83	9335	0.614	ug/L #	22
37) 1,2-Dichloropropane	6.687	63	3938	0.440	ug/L #	87
47) Tetrachloroethene	8.549	164	29466	3.779	ug/L	97
48) 2-Hexanone	8.629	43	6297	2.050	ug/L #	74
49) Dibromochloromethane	8.549	129	29030	4.084	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	6297	1.353	ug/L #	64

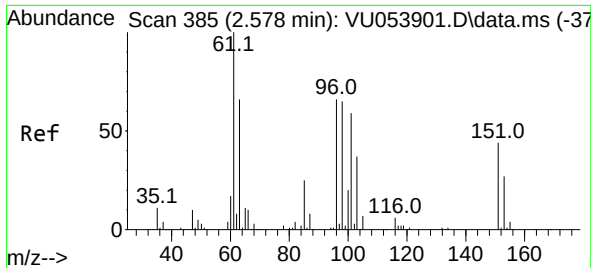
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042623\
Data File : VU053915.D
Acq On : 26 Apr 2023 15:42
Operator : JC/MD
Sample : 02433-04DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHE40DL

Quant Time: Apr 27 05:56:19 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





#12

1,1-Dichloroethene

Concen: 0.208 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU053915.D

Acq: 26 Apr 2023 15:42

Instrument :

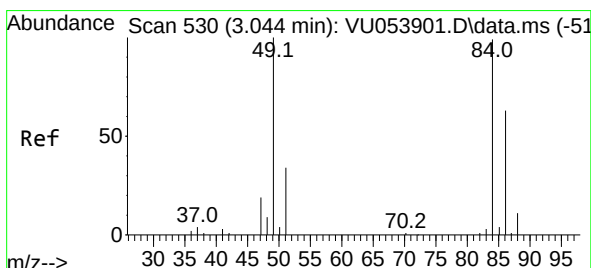
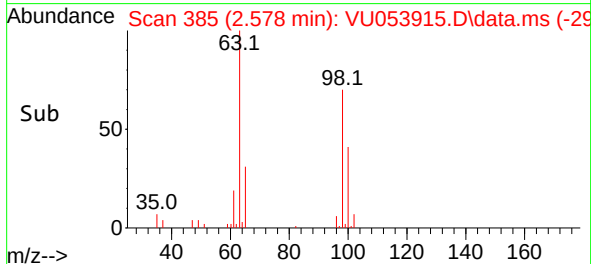
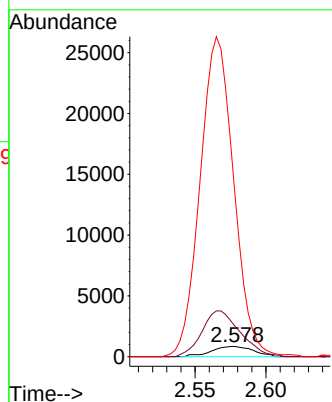
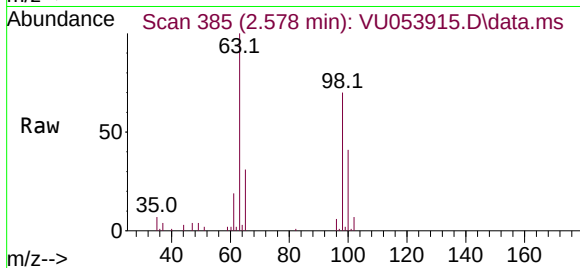
MSVOA_U

ClientSampleId :

BHE40DL

Tgt Ion: 96 Resp: 1735

Ion	Ratio	Lower	Upper
96	100		
61	302.0	111.5	207.1#
63	1627.1	68.7	127.7#



#16

Methylene chloride

Concen: 1.919 ug/L

RT: 3.044 min Scan# 530

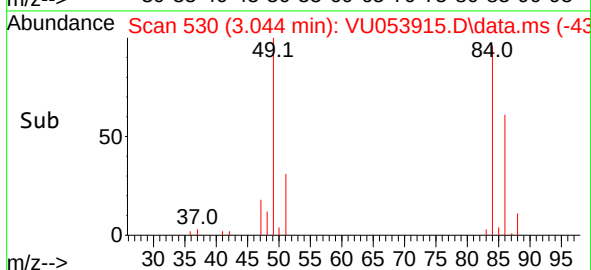
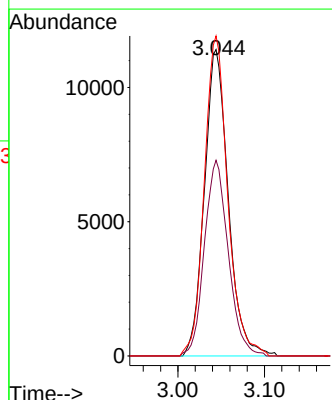
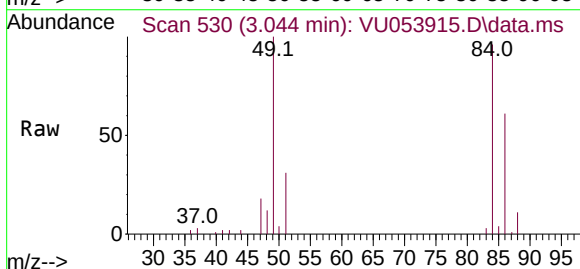
Delta R.T. -0.000 min

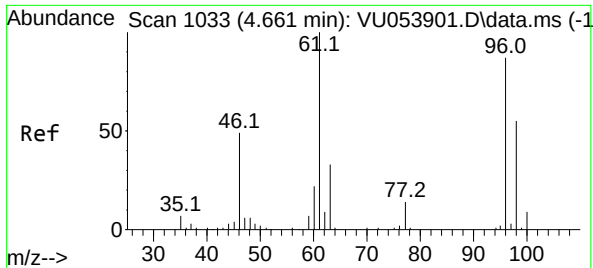
Lab File: VU053915.D

Acq: 26 Apr 2023 15:42

Tgt Ion: 84 Resp: 21893

Ion	Ratio	Lower	Upper
84	100		
86	63.9	45.0	83.6
49	104.4	74.8	138.8





#22

cis-1,2-Dichloroethene

Concen: 0.465 ug/L

RT: 4.665 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VU053915.D

Acq: 26 Apr 2023 15:42

Instrument :

MSVOA_U

ClientSampleId :

BHE40DL

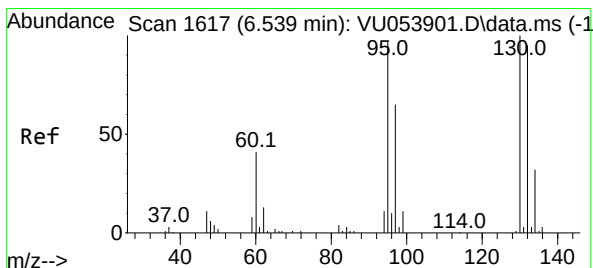
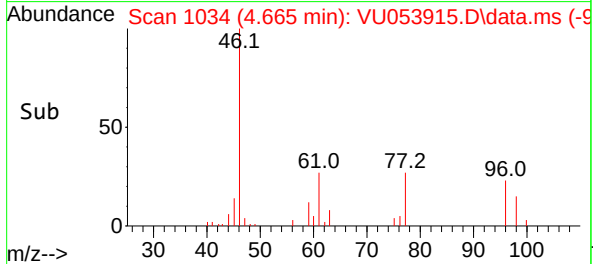
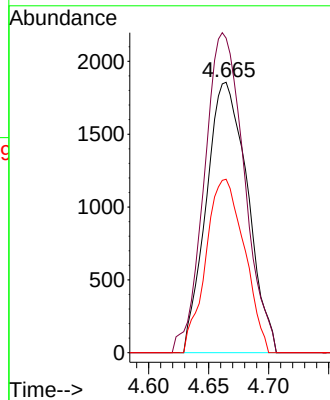
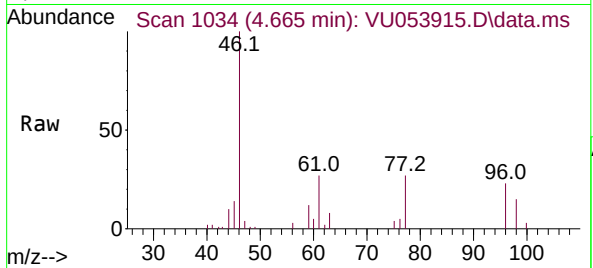
Tgt Ion: 96 Resp: 4431

Ion Ratio Lower Upper

96 100

61 116.4 84.3 156.5

98 64.2 46.4 86.2



#34

Trichloroethene

Concen: 0.644 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VU053915.D

Acq: 26 Apr 2023 15:42

Tgt Ion: 95 Resp: 6333

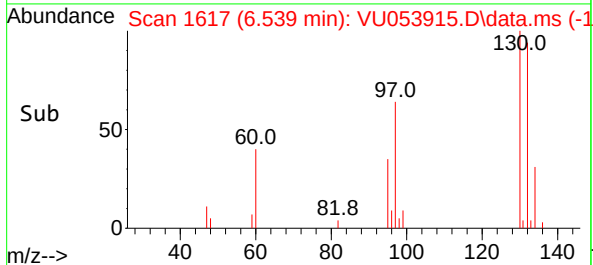
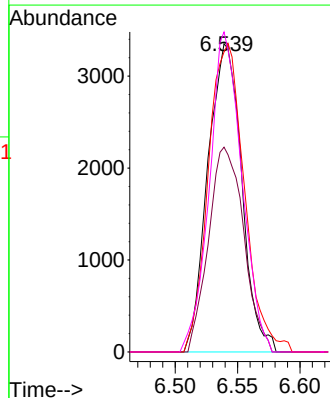
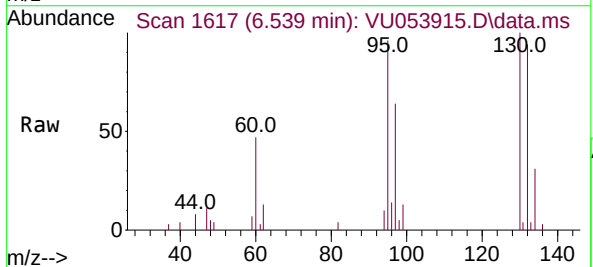
Ion Ratio Lower Upper

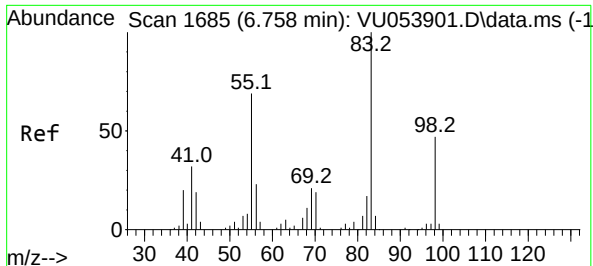
95 100

97 66.5 45.1 83.9

132 97.3 69.9 129.9

130 103.8 71.3 132.3





#35

Methylcyclohexane

Concen: 0.614 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.071 min

Lab File: VU053915.D

Acq: 26 Apr 2023 15:42

Instrument :

MSVOA_U

ClientSampleId :

BHE40DL

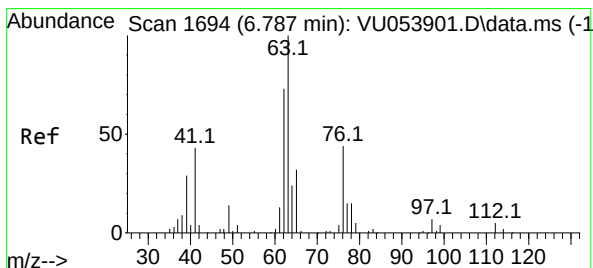
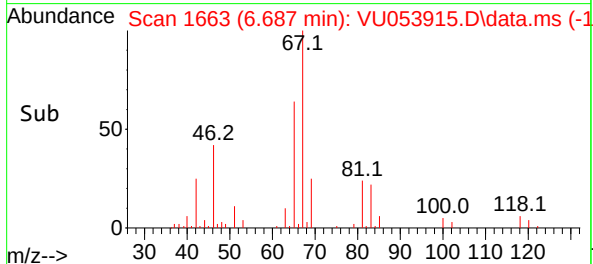
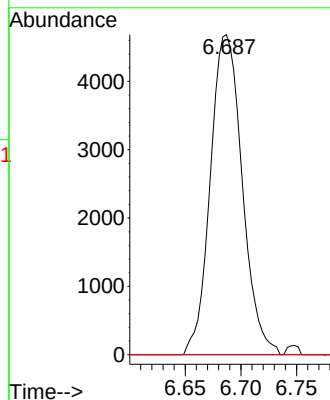
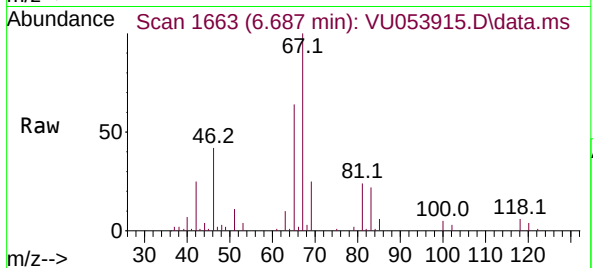
Tgt Ion: 83 Resp: 9335

Ion Ratio Lower Upper

83 100

55 0.0 55.4 83.2#

98 2.1 37.3 55.9#



#37

1,2-Dichloropropane

Concen: 0.440 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU053915.D

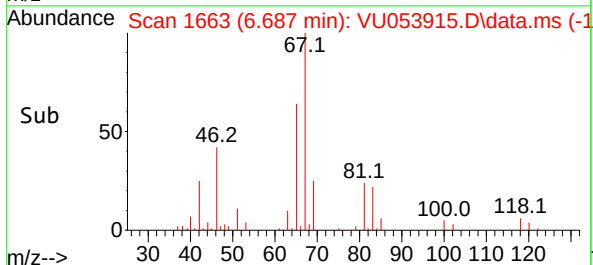
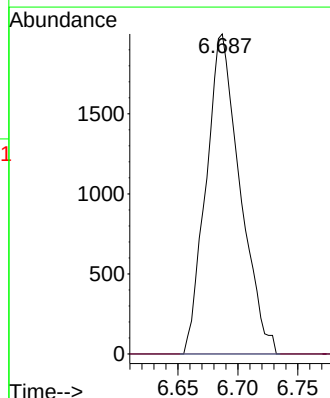
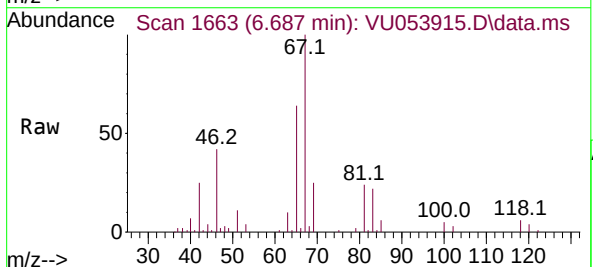
Acq: 26 Apr 2023 15:42

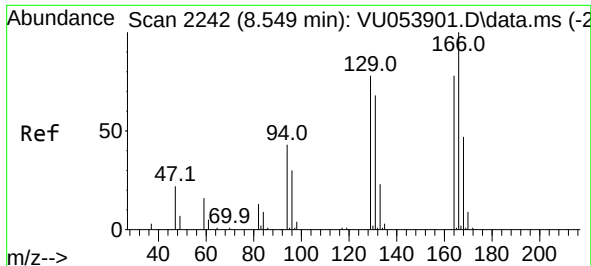
Tgt Ion: 63 Resp: 3938

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#

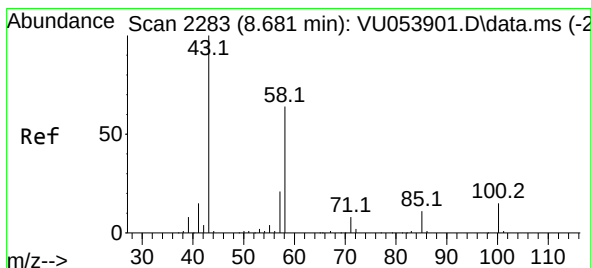
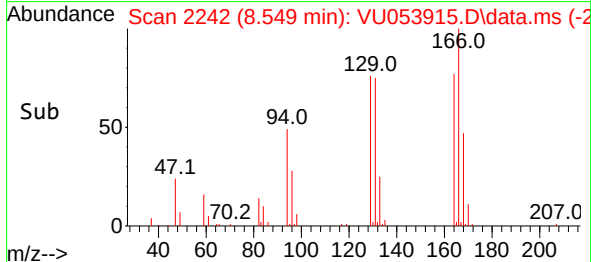
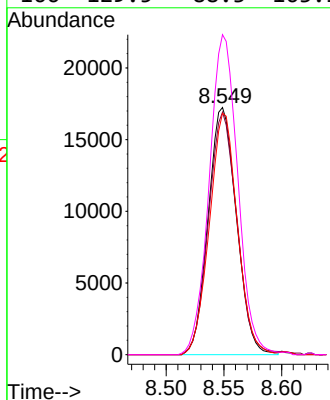
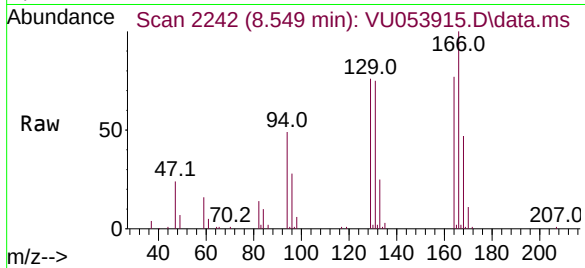




#47
Tetrachloroethene
Concen: 3.779 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053915.D
Acq: 26 Apr 2023 15:42

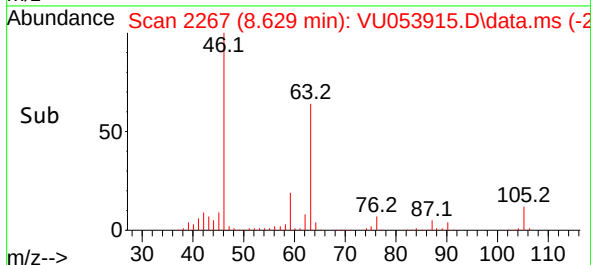
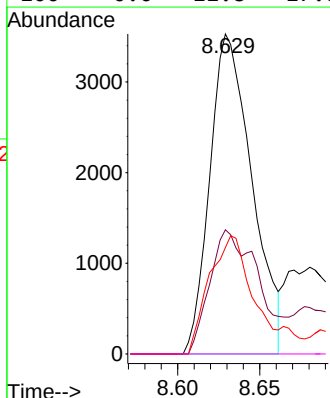
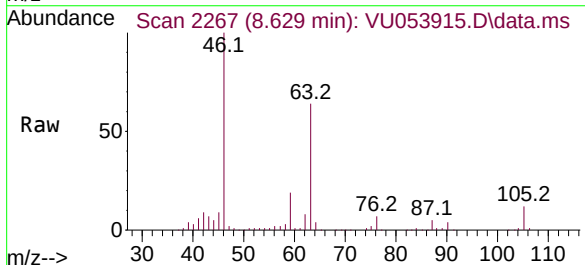
Instrument :
MSVOA_U
ClientSampleId :
BHE40DL

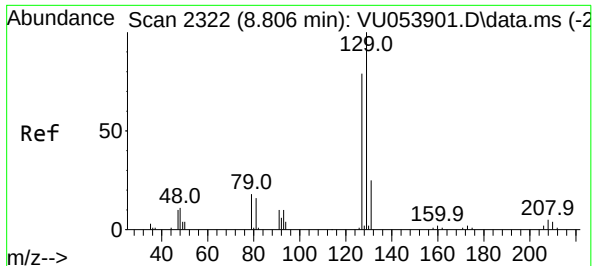
Tgt Ion:164	Resp:	29466
Ion	Ratio	Lower Upper
164	100	
129	98.1	68.3 126.8
131	97.7	64.4 119.6
166	129.5	88.3 163.9



#48
2-Hexanone
Concen: 2.050 ug/L
RT: 8.629 min Scan# 2267
Delta R.T. -0.052 min
Lab File: VU053915.D
Acq: 26 Apr 2023 15:42

Tgt Ion: 43	Resp:	6297
Ion	Ratio	Lower Upper
43	100	
58	46.2	49.8 74.6#
57	37.9	16.9 25.3#
100	0.0	11.8 17.8#





#49

Dibromochloromethane

Concen: 4.084 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU053915.D

Acq: 26 Apr 2023 15:42

Instrument :

MSVOA_U

ClientSampleId :

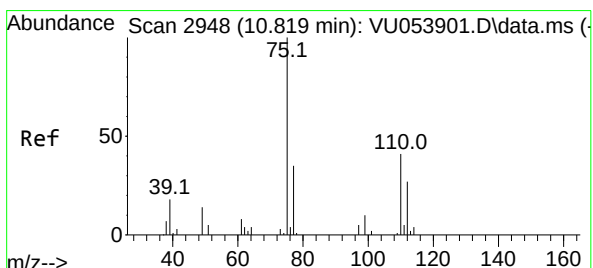
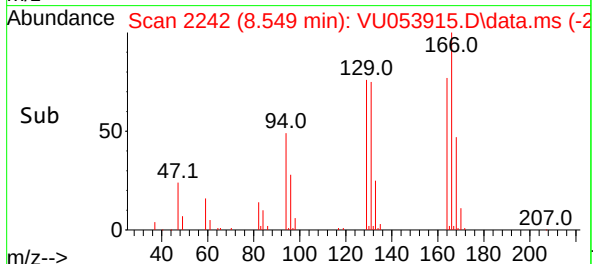
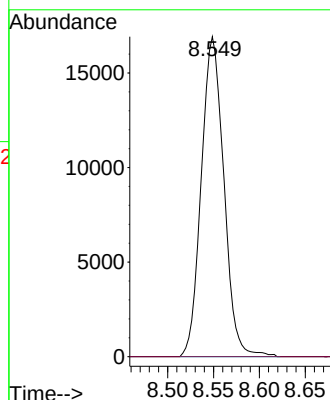
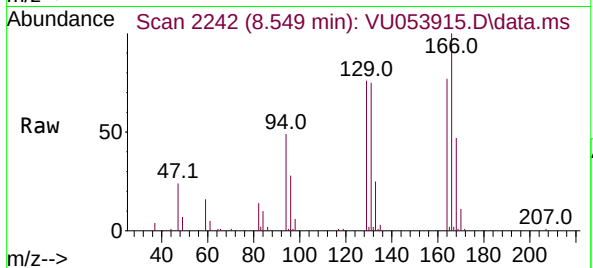
BHE40DL

Tgt Ion:129 Resp: 29030

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.353 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU053915.D

Acq: 26 Apr 2023 15:42

Tgt Ion: 75 Resp: 6297

Ion Ratio Lower Upper

75 100

110 0.0 30.7 46.1#

77 35.1 26.2 39.4

