

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042623\
 Data File : VU053921.D
 Acq On : 26 Apr 2023 18:07
 Operator : JC/MD
 Sample : 02488-11 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE66

Quant Time: Apr 27 05:57:41 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)

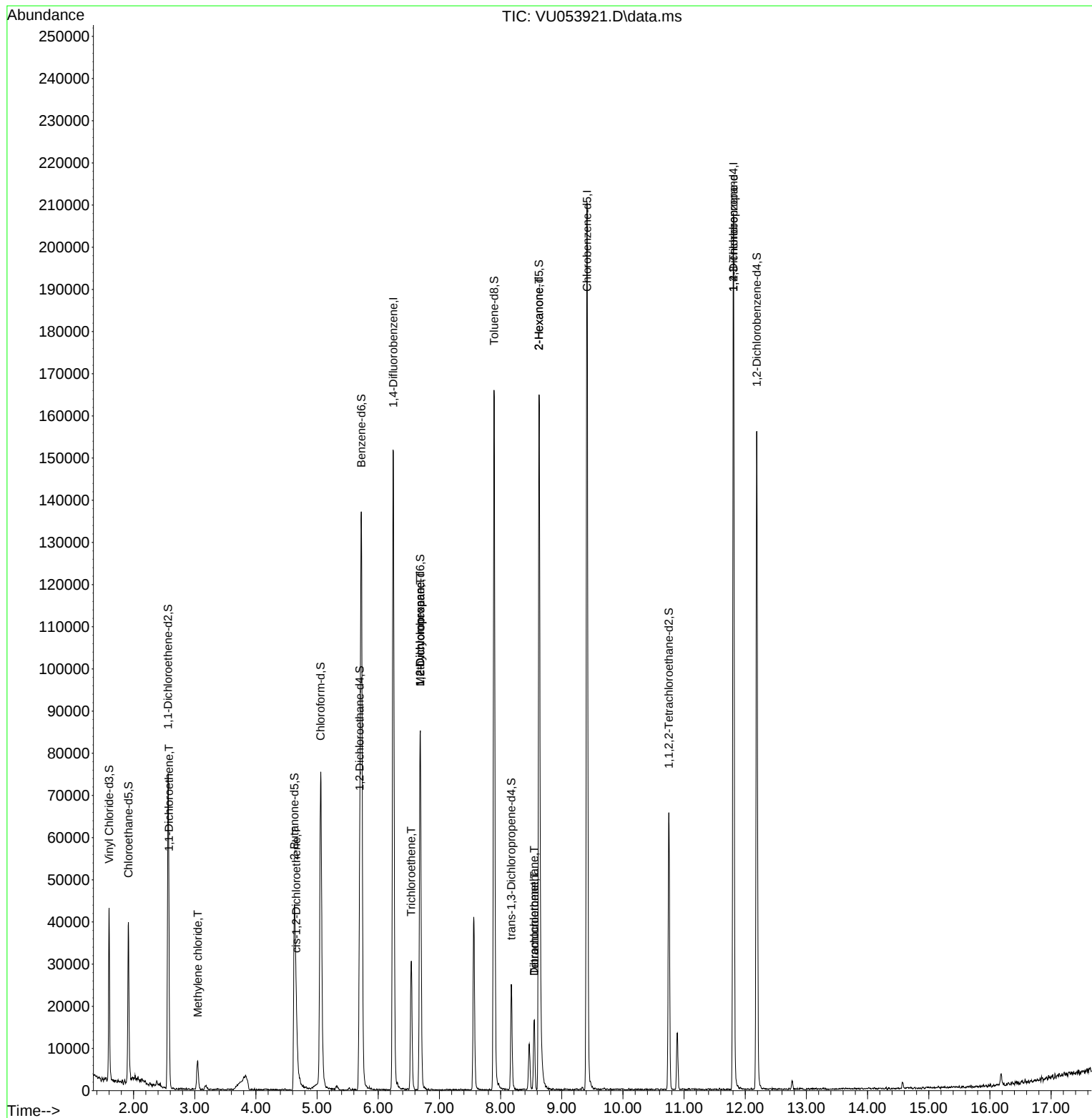
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	130083	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	125915	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	59874	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29641	3.741	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.916	69	28044	4.217	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.565	65	13095	4.016	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.400%
20) 2-Butanone-d5	4.629	46	76348	52.610	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.220%
24) Chloroform-d	5.057	84	68326	4.576	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.697	65	34140	4.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.723	84	136964	4.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.687	67	42204	4.703	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.893	98	117554	4.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.176	79	14926	4.229	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.629	63	61084	48.907	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.820%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	32661	4.504	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	44131	4.595	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	2616	0.320	ug/L #	1
16) Methylene chloride	3.051	84	3932	0.352	ug/L	88
22) cis-1,2-Dichloroethene	4.662	96	1633	0.175	ug/L	80
34) Trichloroethene	6.539	95	10870	1.124	ug/L	99
35) Methylcyclohexane	6.687	83	9822	0.657	ug/L #	24
37) 1,2-Dichloropropane	6.687	63	4413	0.501	ug/L #	87
47) Tetrachloroethene	8.552	164	3985	0.520	ug/L	94
48) 2-Hexanone	8.629	43	6407	2.122	ug/L #	78
49) Dibromochloromethane	8.549	129	3849	0.551	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	7447	1.613	ug/L #	65

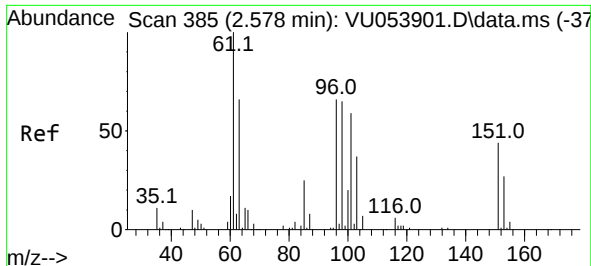
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.320 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU053921.D

Acq: 26 Apr 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

BHE66

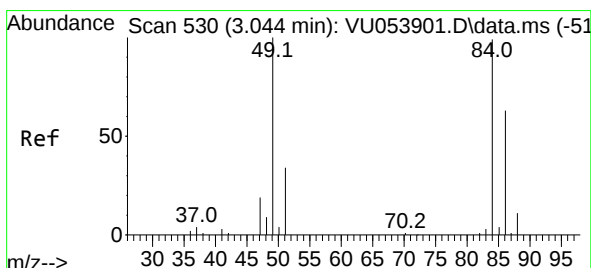
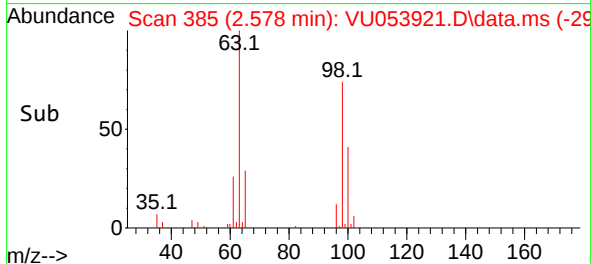
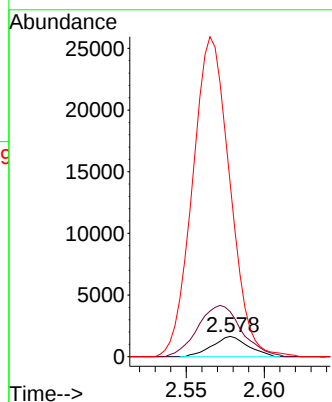
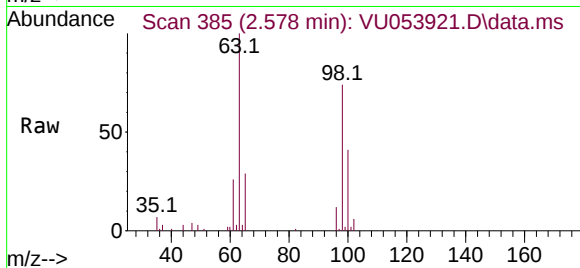
Tgt Ion: 96 Resp: 2616

Ion Ratio Lower Upper

96 100

61 222.3 111.5 207.1#

63 857.1 68.7 127.7#



#16

Methylene chloride

Concen: 0.352 ug/L

RT: 3.051 min Scan# 532

Delta R.T. 0.007 min

Lab File: VU053921.D

Acq: 26 Apr 2023 18:07

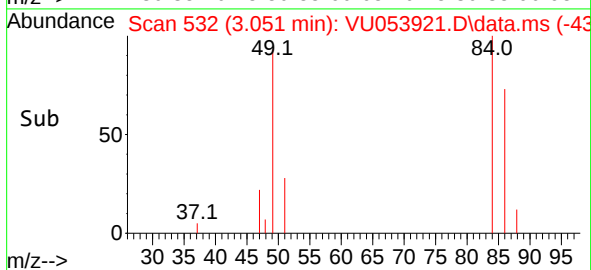
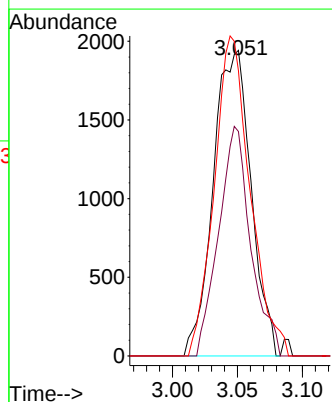
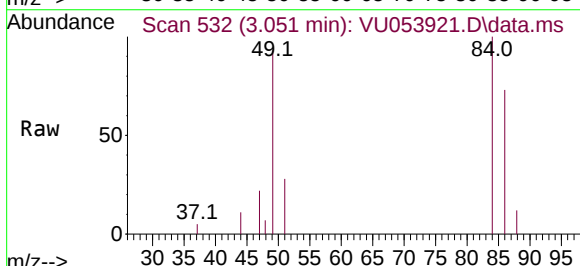
Tgt Ion: 84 Resp: 3932

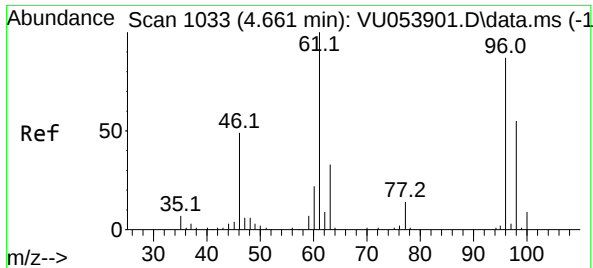
Ion Ratio Lower Upper

84 100

86 73.5 45.0 83.6

49 93.4 74.8 138.8

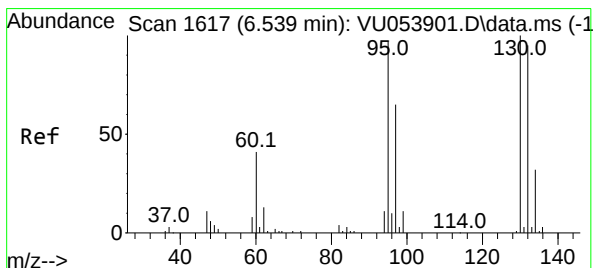
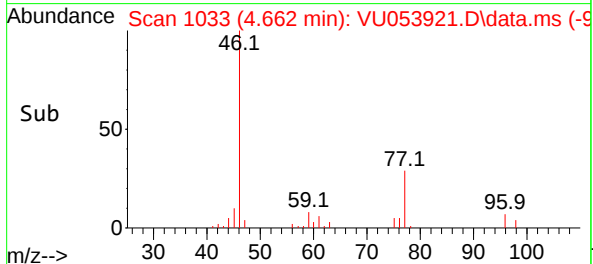
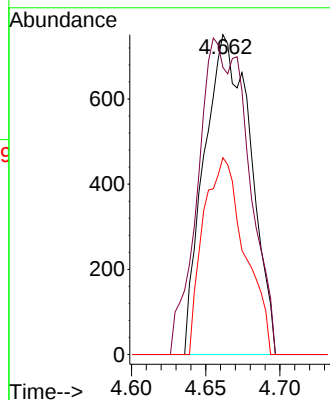
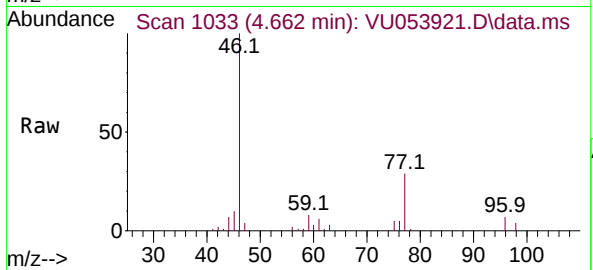




#22
 cis-1,2-Dichloroethene
 Concen: 0.175 ug/L
 RT: 4.662 min Scan# 1033
 Delta R.T. 0.000 min
 Lab File: VU053921.D
 Acq: 26 Apr 2023 18:07

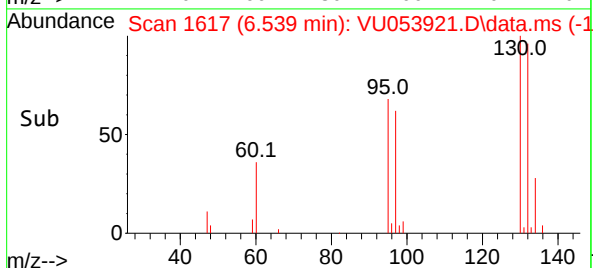
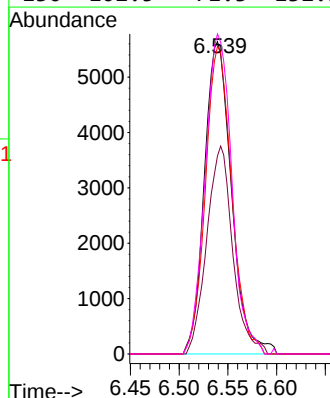
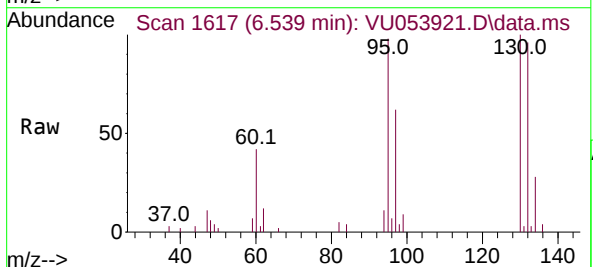
Instrument :
 MSVOA_U
 ClientSampleId :
 BHE66

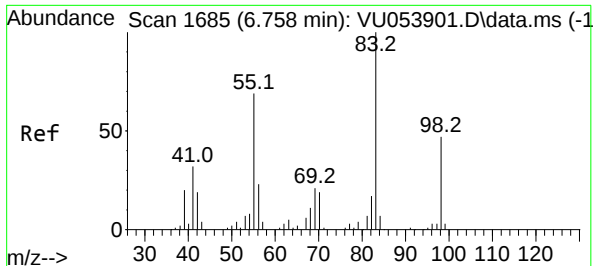
Tgt Ion:	96	Resp:	1633
Ion	Ratio	Lower	Upper
96	100		
61	89.7	84.3	156.5
98	61.5	46.4	86.2



#34
 Trichloroethene
 Concen: 1.124 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: VU053921.D
 Acq: 26 Apr 2023 18:07

Tgt Ion:	95	Resp:	10870
Ion	Ratio	Lower	Upper
95	100		
97	63.4	45.1	83.9
132	98.5	69.9	129.9
130	102.5	71.3	132.3





#35

Methylcyclohexane

Concen: 0.657 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.071 min

Lab File: VU053921.D

Acq: 26 Apr 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

BHE66

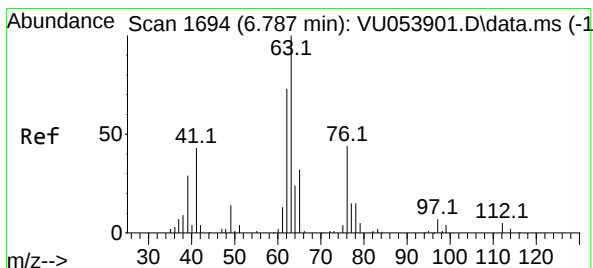
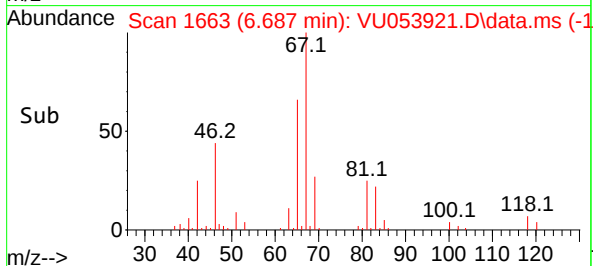
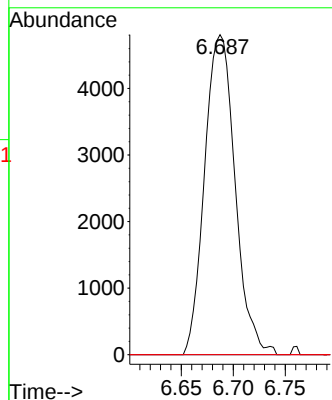
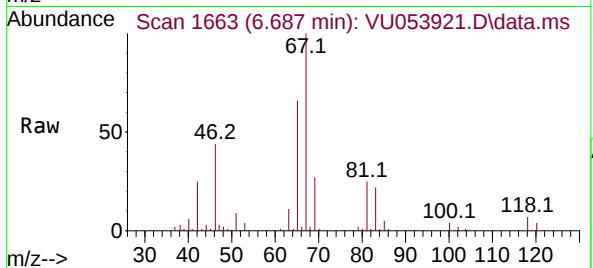
Tgt Ion: 83 Resp: 9822

Ion Ratio Lower Upper

83 100

55 0.0 55.4 83.2#

98 5.1 37.3 55.9#



#37

1,2-Dichloropropane

Concen: 0.501 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU053921.D

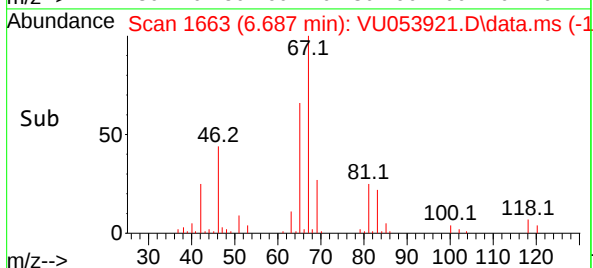
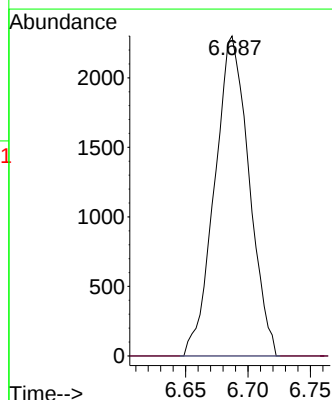
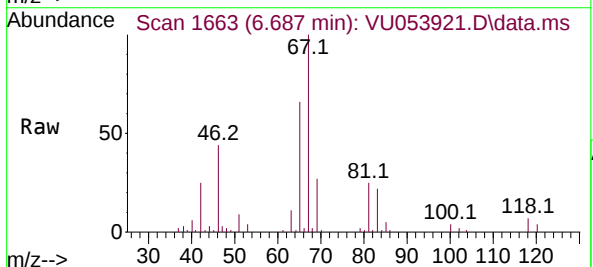
Acq: 26 Apr 2023 18:07

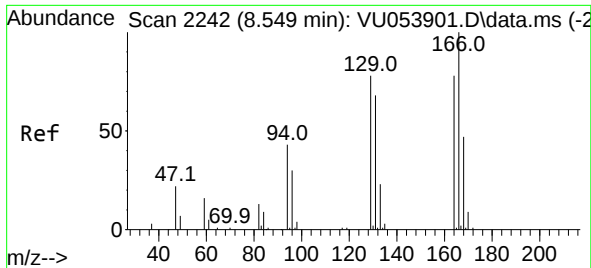
Tgt Ion: 63 Resp: 4413

Ion Ratio Lower Upper

63 100

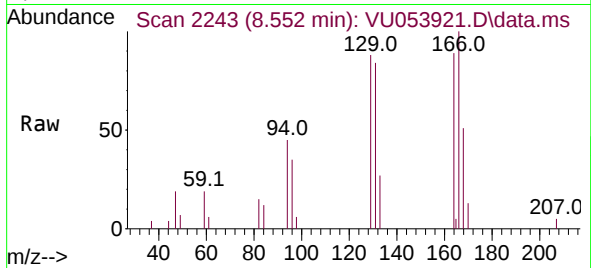
112 0.0 3.5 5.3#



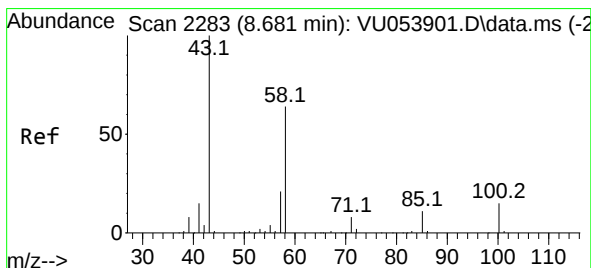
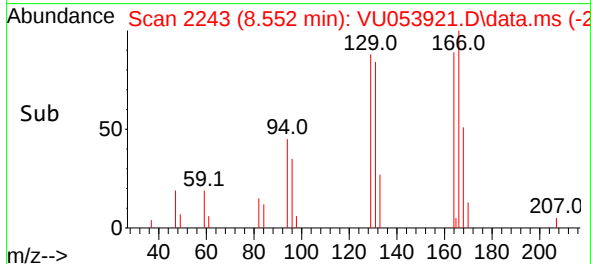
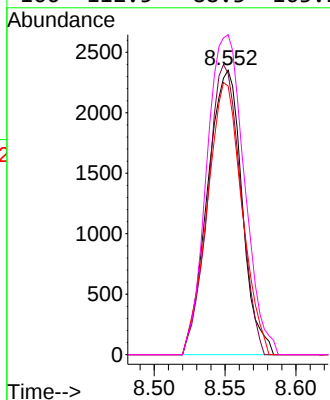


#47
Tetrachloroethene
Concen: 0.520 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053921.D
Acq: 26 Apr 2023 18:07

Instrument :
MSVOA_U
ClientSampleId :
BHE66

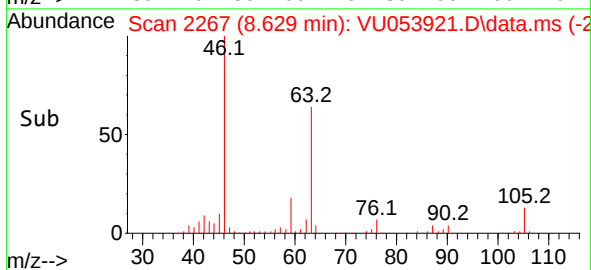
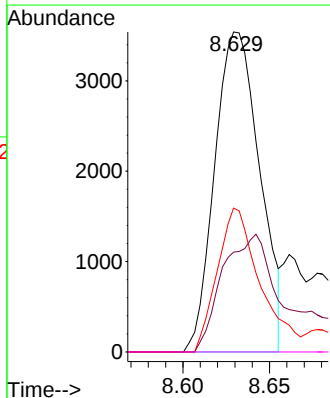
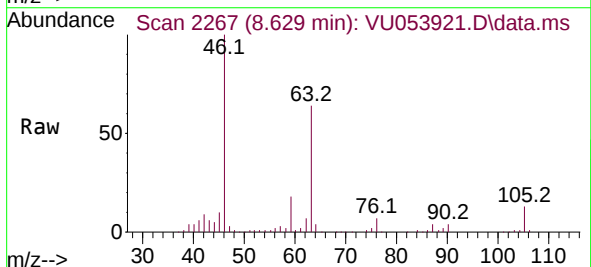


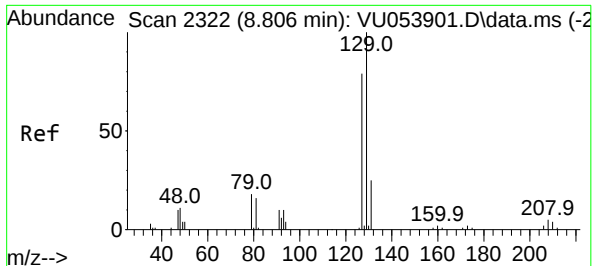
Tgt	Ion:164	Resp:	3985
Ion	Ratio	Lower	Upper
164	100		
129	98.8	68.3	126.8
131	94.4	64.4	119.6
166	112.5	88.3	163.9



#48
2-Hexanone
Concen: 2.122 ug/L
RT: 8.629 min Scan# 2267
Delta R.T. -0.051 min
Lab File: VU053921.D
Acq: 26 Apr 2023 18:07

Tgt Ion: 43	Resp: 6407
Ion Ratio	Lower Upper
43 100	
58 53.6	49.8 74.6
57 42.8	16.9 25.3#
100 0.0	11.8 17.8#





#49

Dibromochloromethane

Concen: 0.551 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU053921.D

Acq: 26 Apr 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

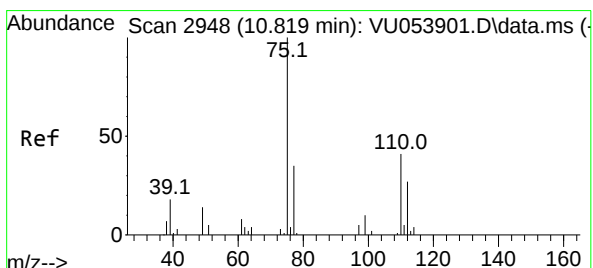
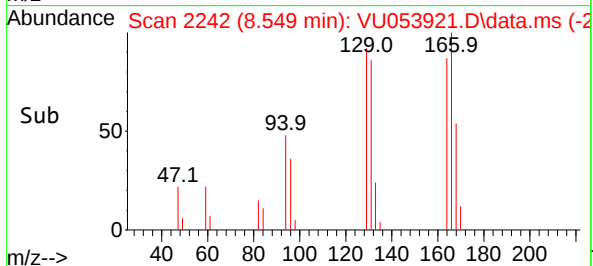
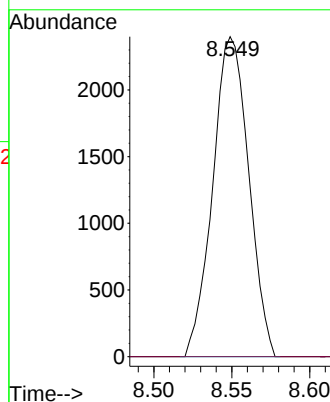
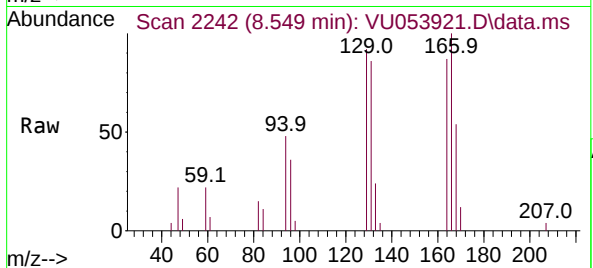
BHE66

Tgt Ion:129 Resp: 3849

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.613 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU053921.D

Acq: 26 Apr 2023 18:07

Tgt Ion: 75 Resp: 7447

Ion Ratio Lower Upper

75 100

110 0.9 30.7 46.1#

77 30.9 26.2 39.4

