

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051640.D
 Acq On : 01 Nov 2022 03:41
 Operator : JC/MD
 Sample : N5319-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAB2

Quant Time: Nov 01 06:01:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 02:34:58 2022
 Response via : Initial Calibration

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

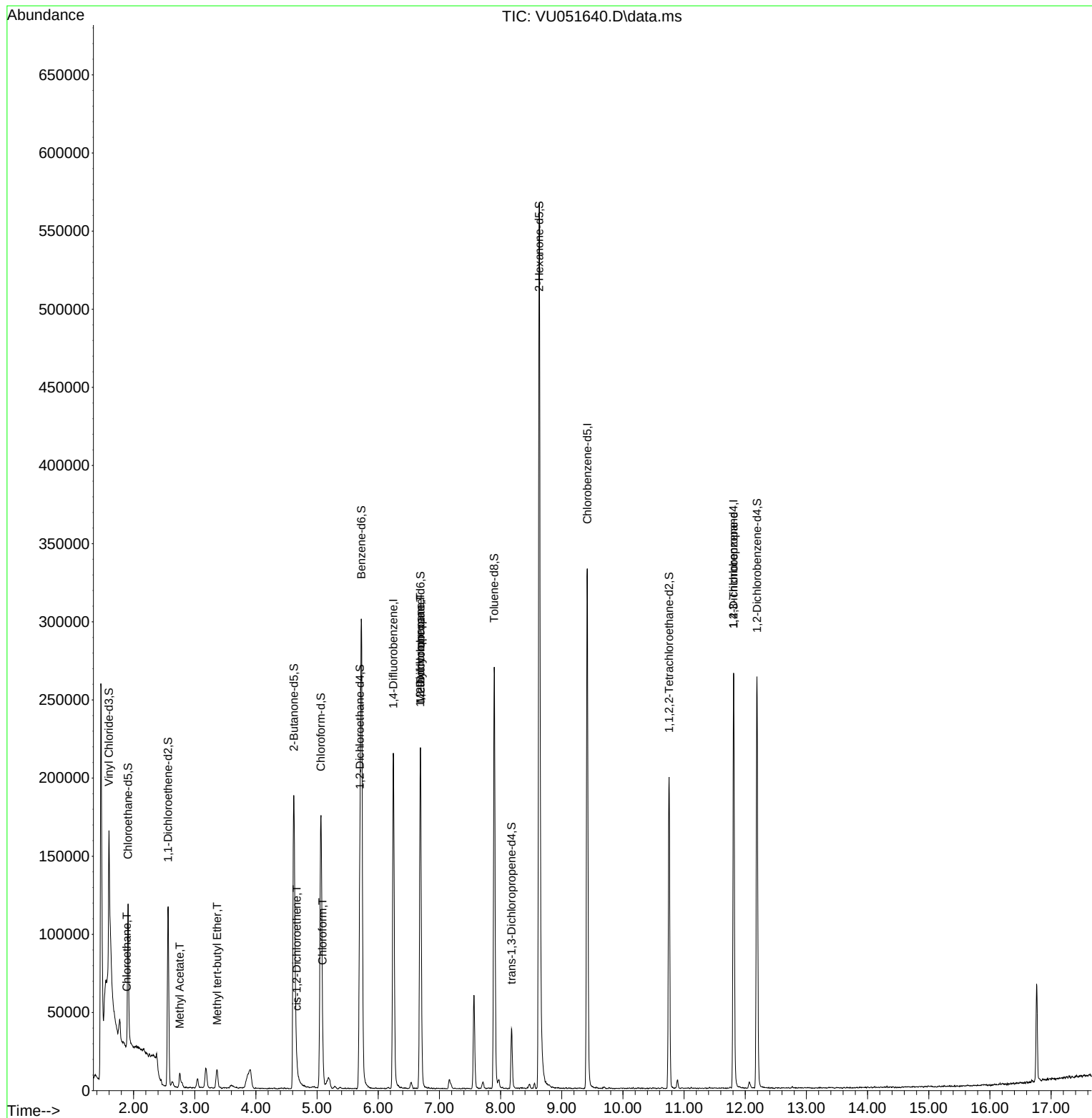
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	177542	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	193263	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	74880	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	59908	4.480	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.600%	
7) Chloroethane-d5	1.909	69	71561	5.131	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.600%	
11) 1,1-Dichloroethene-d2	2.565	65	21818	4.496	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.000%	
20) 2-Butanone-d5	4.620	46	263849	54.485	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.960%	
24) Chloroform-d	5.063	84	166576	5.324	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.400%	
26) 1,2-Dichloroethane-d4	5.700	65	91996	5.443	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.800%	
32) Benzene-d6	5.726	84	286621	4.700	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
36) 1,2-Dichloropropane-d6	6.690	67	109196	5.120	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.400%	
41) Toluene-d8	7.896	98	189020	3.941	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.800%	
43) trans-1,3-Dichloroprop...	8.179	79	23184	3.555	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	71.200%	
46) 2-Hexanone-d5	8.632	63	177431	45.201	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.400%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	101535	5.195	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.000%	
66) 1,2-Dichlorobenzene-d4	12.192	152	73613	5.356	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.200%	
Target Compounds						
					Qvalue	
8) Chloroethane	1.890	64	1511	0.106	ug/L #	51
15) Methyl Acetate	2.755	43	3011	0.468	ug/L #	50
17) Methyl tert-butyl Ether	3.366	73	12391	0.350	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	1040	0.057	ug/L	92
25) Chloroform	5.089	83	15728	0.496	ug/L	96
35) Methylcyclohexane	6.690	83	24969	0.981	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	10884	0.555	ug/L #	88
61) 1,2,3-Trichloropropane	11.809	75	8565	0.885	ug/L #	69

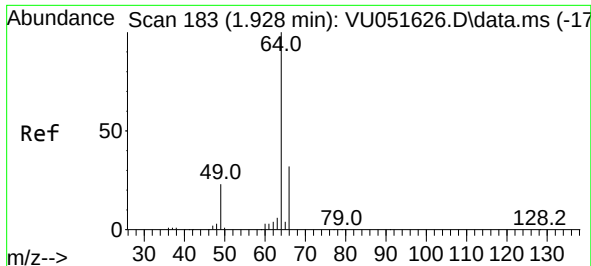
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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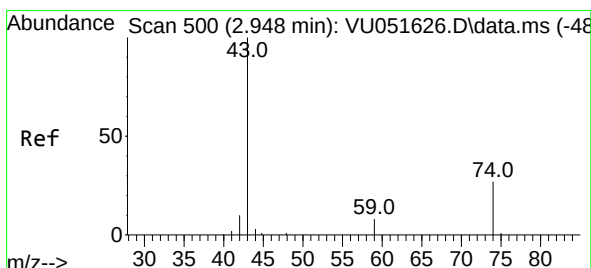
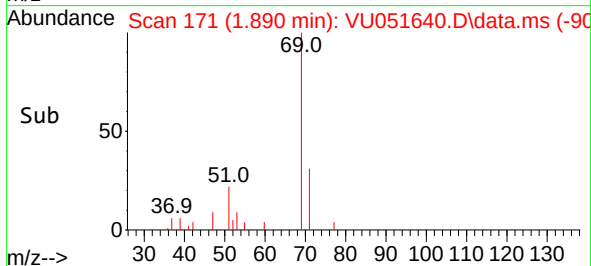
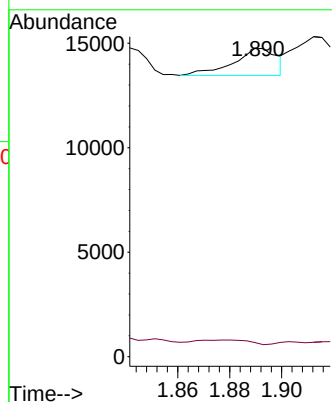
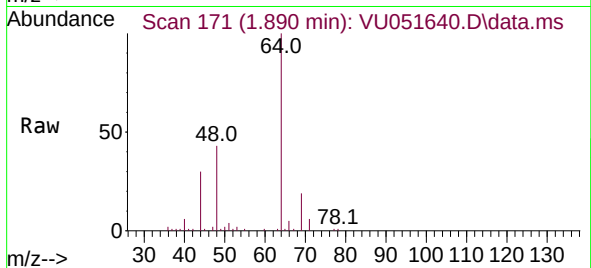




#8
Chloroethane
Concen: 0.106 ug/L
RT: 1.890 min Scan# 11
Delta R.T. -0.039 min
Lab File: VU051640.D
Acq: 01 Nov 2022 03:41

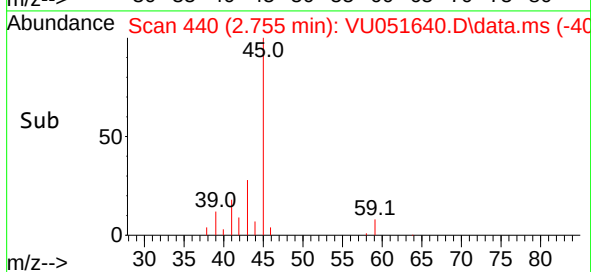
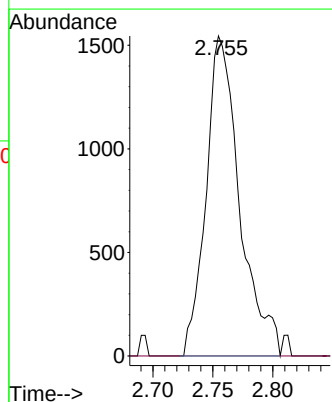
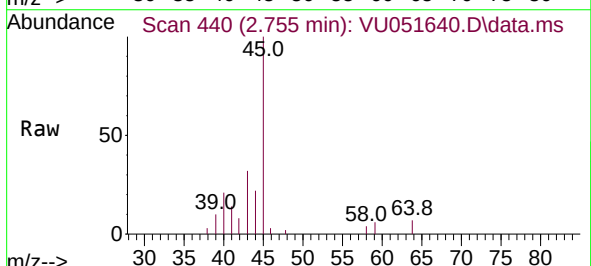
Instrument :
MSVOA_U
ClientSampleId :
BHAB2

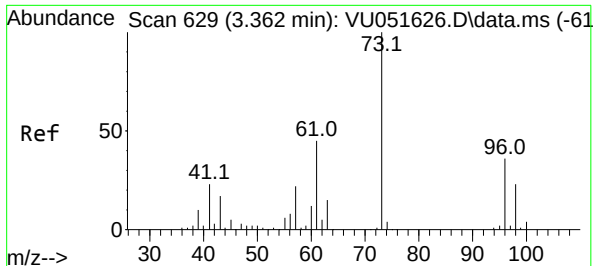
Tgt Ion: 64 Resp: 1511
Ion Ratio Lower Upper
64 100
66 4.5 22.3 41.5#



#15
Methyl Acetate
Concen: 0.468 ug/L
RT: 2.755 min Scan# 440
Delta R.T. -0.193 min
Lab File: VU051640.D
Acq: 01 Nov 2022 03:41

Tgt Ion: 43 Resp: 3011
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.4#





#17

Methyl tert-butyl Ether

Concen: 0.350 ug/L

RT: 3.366 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU051640.D

Acq: 01 Nov 2022 03:41

Instrument :

MSVOA_U

ClientSampleId :

BHAB2

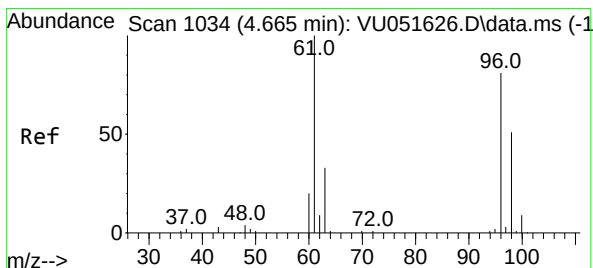
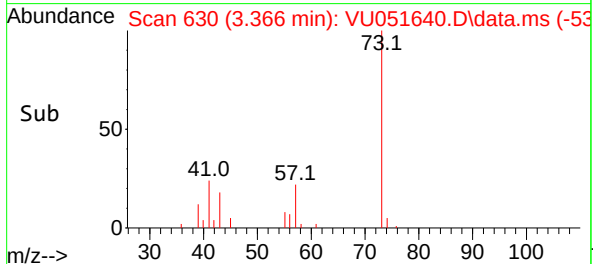
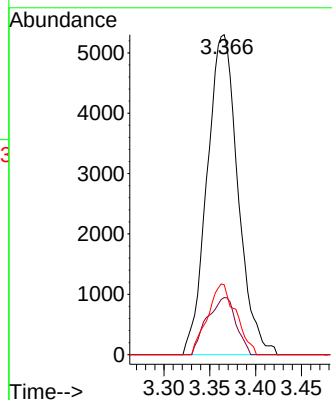
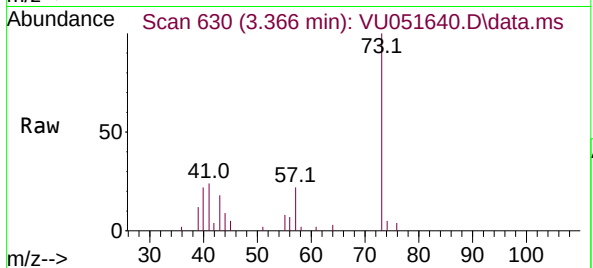
Tgt Ion: 73 Resp: 12391

Ion Ratio Lower Upper

73 100

43 16.7 13.6 20.4

57 20.3 17.5 26.3



#22

cis-1,2-Dichloroethene

Concen: 0.057 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU051640.D

Acq: 01 Nov 2022 03:41

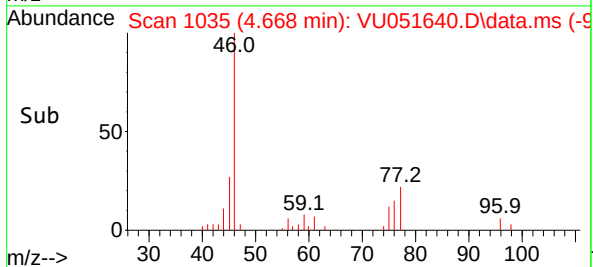
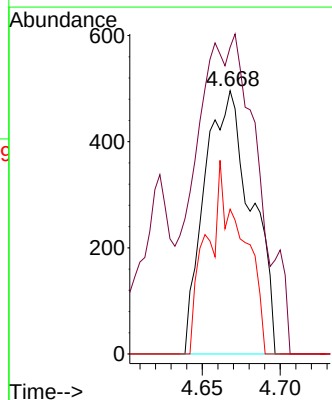
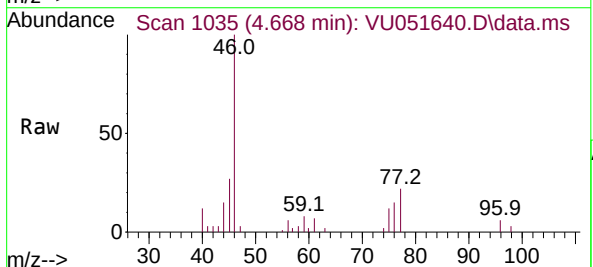
Tgt Ion: 96 Resp: 1040

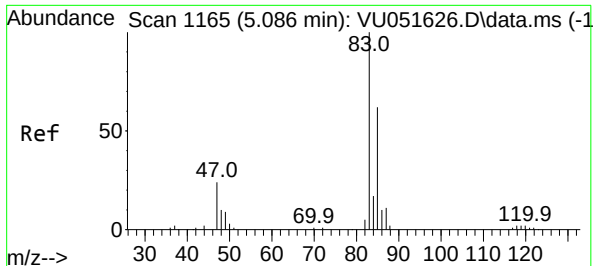
Ion Ratio Lower Upper

96 100

61 116.5 86.4 160.4

98 55.0 44.2 82.2





#25

Chloroform

Concen: 0.496 ug/L

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU051640.D

Acq: 01 Nov 2022 03:41

Instrument :

MSVOA_U

ClientSampleId :

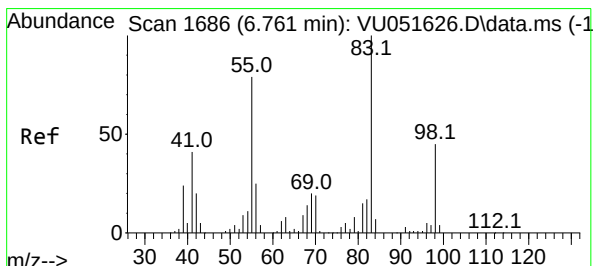
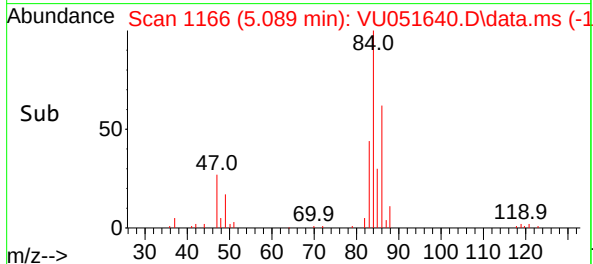
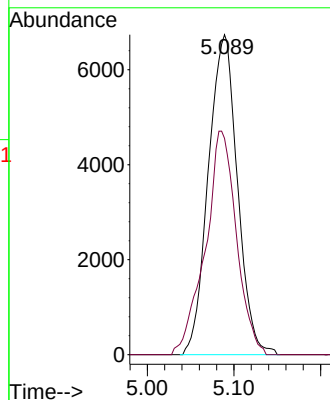
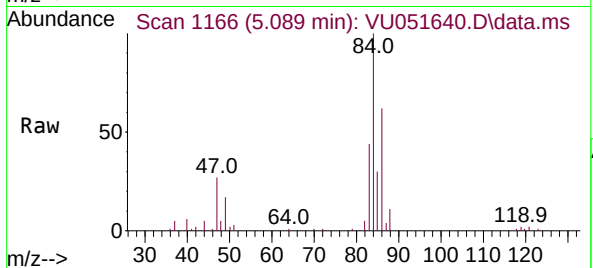
BHAB2

Tgt Ion: 83 Resp: 15728

Ion Ratio Lower Upper

83 100

85 67.6 45.2 84.0



#35

Methylcyclohexane

Concen: 0.981 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU051640.D

Acq: 01 Nov 2022 03:41

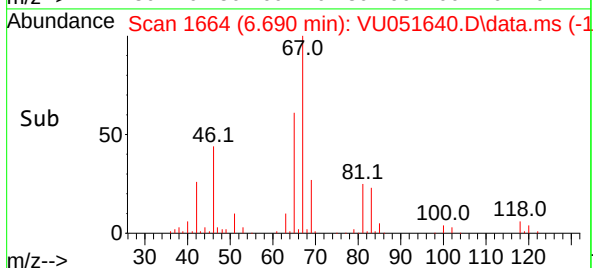
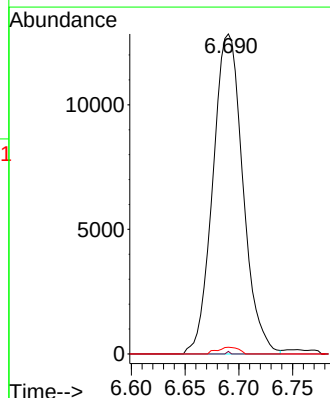
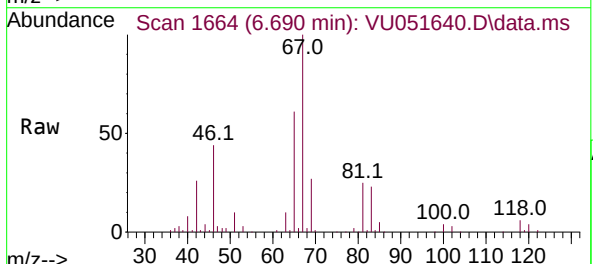
Tgt Ion: 83 Resp: 24969

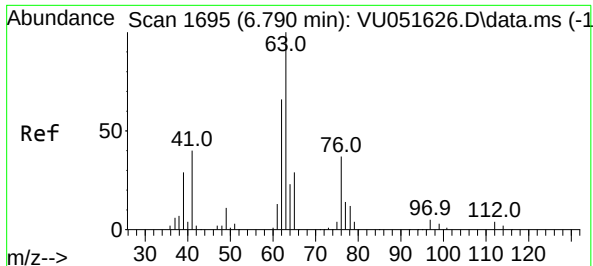
Ion Ratio Lower Upper

83 100

55 0.1 60.6 90.8#

98 1.5 35.8 53.6#





#37

1,2-Dichloropropane

Concen: 0.555 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU051640.D

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Instrument :

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ClientSampleId :

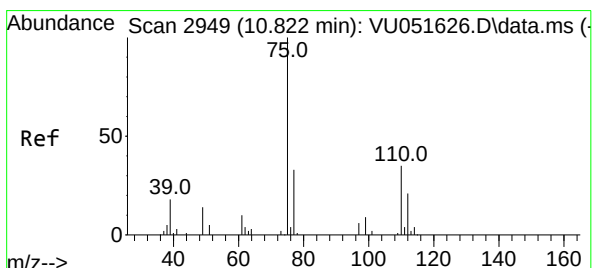
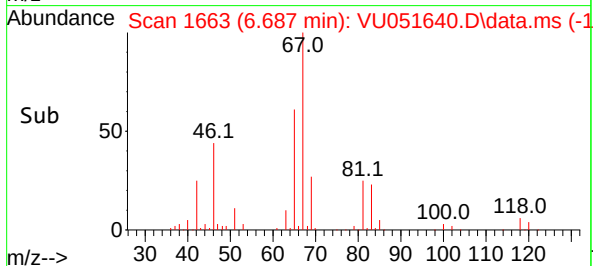
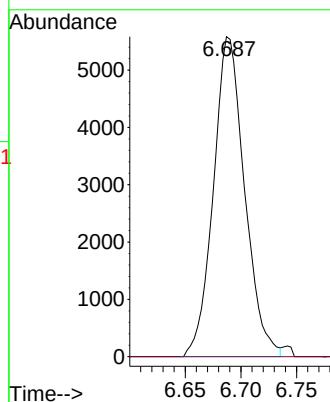
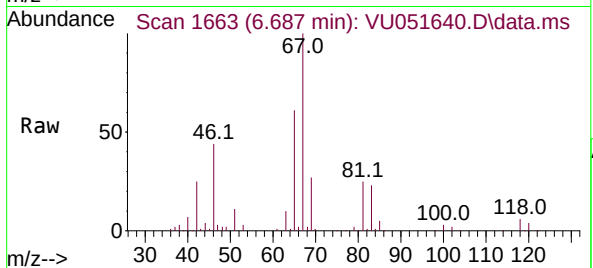
BHAB2

Tgt Ion: 63 Resp: 10884

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#61

1,2,3-Trichloropropane

Concen: 0.885 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.987 min

Lab File: VU051640.D

Acq: 01 Nov 2022 03:41

Tgt Ion: 75 Resp: 8565

Ion Ratio Lower Upper

75 100

110 1.7 28.7 43.1#

77 31.8 26.1 39.1

