

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032123\
 Data File : VU053334.D
 Acq On : 21 Mar 2023 19:07
 Operator : JC/MD
 Sample : 01995-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXEM6

Quant Time: Mar 22 03:13:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 22 03:08:43 2023
 Response via : Initial Calibration

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

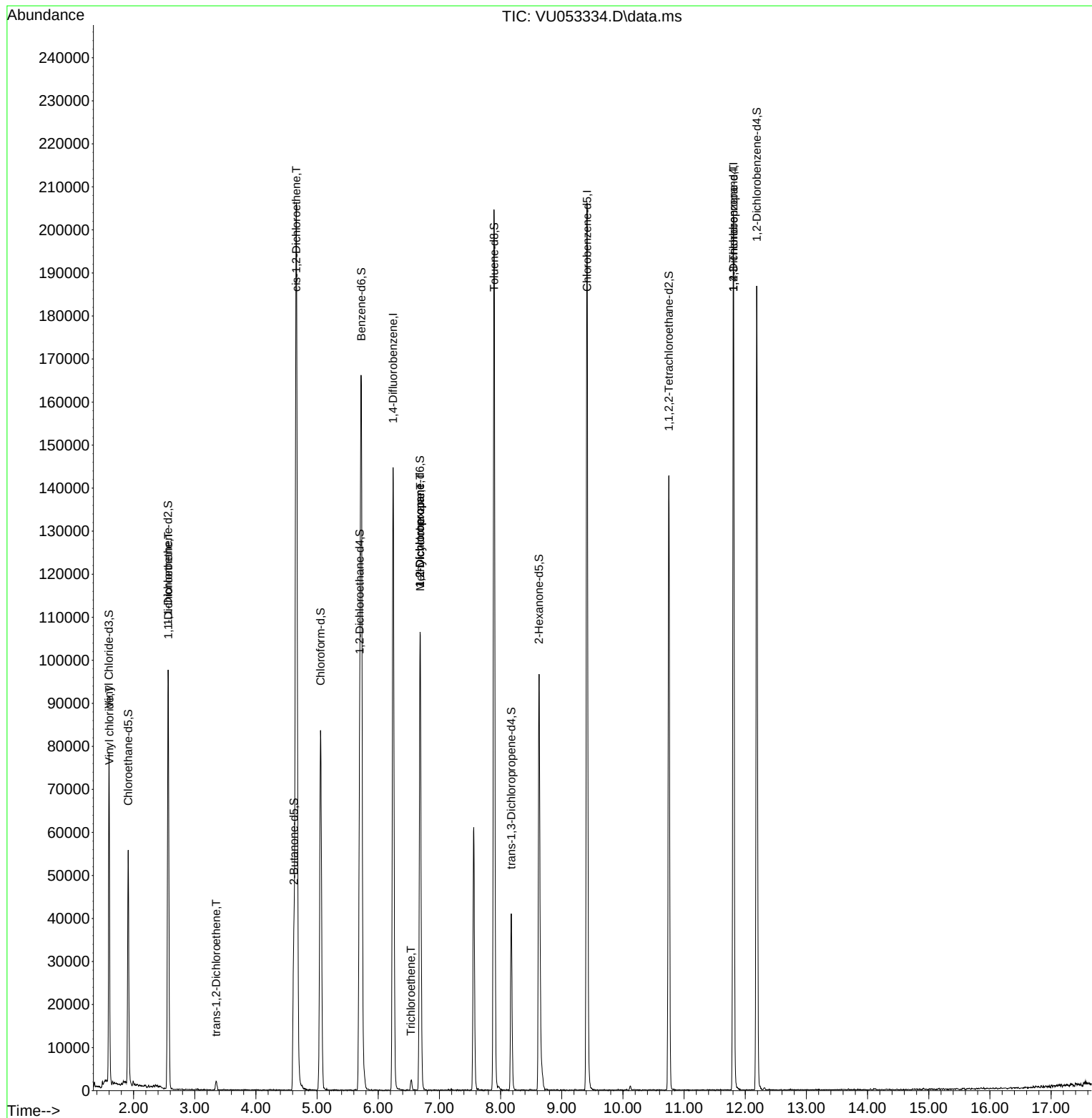
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	114726	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	107385	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	49499	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44935	42.455	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	84.920%	
7) Chloroethane-d5	1.912	69	39423	46.048	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	92.100%	
11) 1,1-Dichloroethene-d2	2.565	63	57058	31.120	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	62.240%	
21) 2-Butanone-d5	4.620	46	51447	104.802	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	104.800%	
24) Chloroform-d	5.057	84	71913	41.252	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	82.500%	
26) 1,2-Dichloroethane-d4	5.697	65	49137	45.386	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.780%	
32) Benzene-d6	5.723	84	154376	44.322	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.640%	
36) 1,2-Dichloropropane-d6	6.684	67	51415	45.737	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	91.480%	
41) Toluene-d8	7.893	98	137838	42.505	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	85.020%	
43) trans-1,3-Dichloroprop...	8.176	79	23576	42.507	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	85.020%	
47) 2-Hexanone-d5	8.626	63	33081	94.127	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	94.130%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	69146	47.482	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	94.960%	
66) 1,2-Dichlorobenzene-d4	12.188	152	44988	46.939	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.880%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	10626	8.803	ug/L	83
12) 1,1-Dichloroethene	2.568	96	465	0.552	ug/L #	1
17) trans-1,2-Dichloroethene	3.350	96	832	0.973	ug/L	90
20) cis-1,2-Dichloroethene	4.661	96	101383	100.970	ug/L	98
34) Trichloroethene	6.536	95	946	0.975	ug/L	84
35) Methylcyclohexane	6.687	83	10649	6.258	ug/L #	20
37) 1,2-Dichloropropane	6.684	63	5448	5.245	ug/L #	90
60) 1,2,3-Trichloropropane	11.809	75	7288	7.410	ug/L #	68

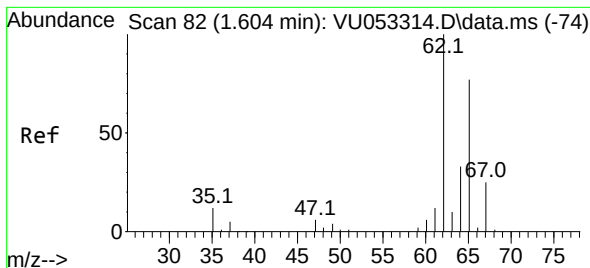
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 8.803 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU053334.D

Acq: 21 Mar 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :

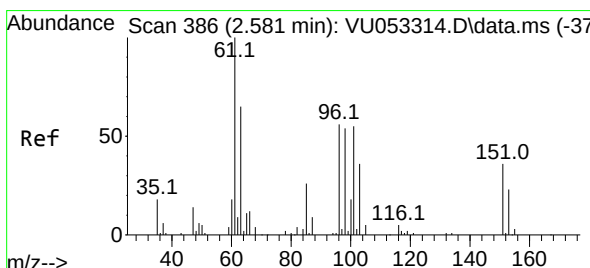
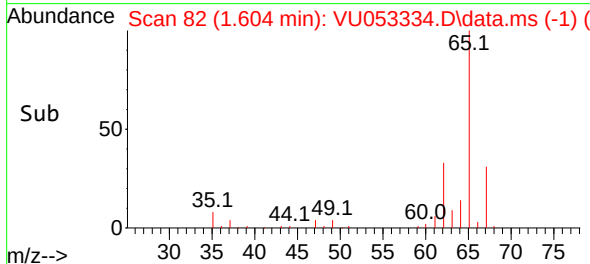
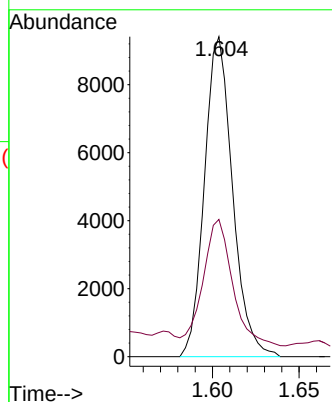
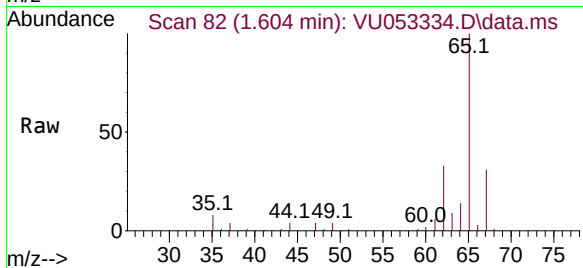
EXEM6

Tgt Ion: 62 Resp: 10626

Ion Ratio Lower Upper

62 100

64 42.9 23.2 43.0



#12

1,1-Dichloroethene

Concen: 0.552 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.013 min

Lab File: VU053334.D

Acq: 21 Mar 2023 19:07

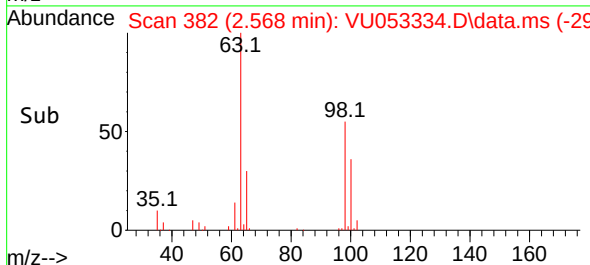
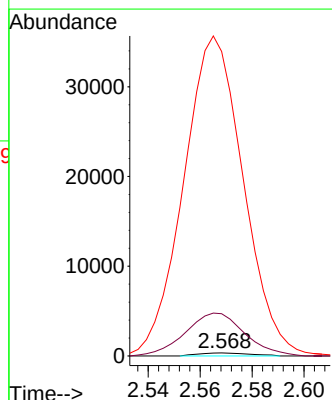
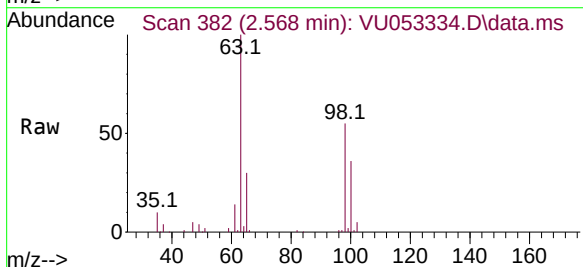
Tgt Ion: 96 Resp: 465

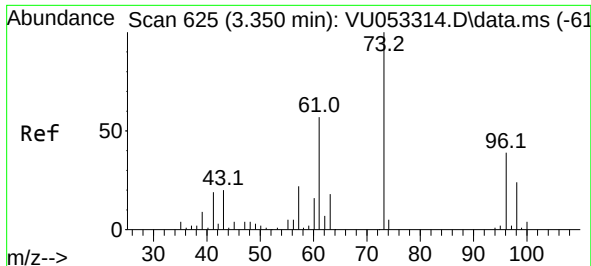
Ion Ratio Lower Upper

96 100

61 1407.8 122.2 226.9#

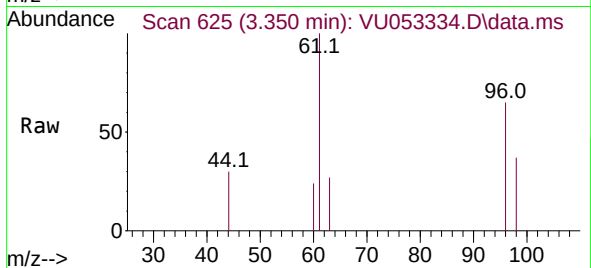
63 10160.5 89.9 166.9#



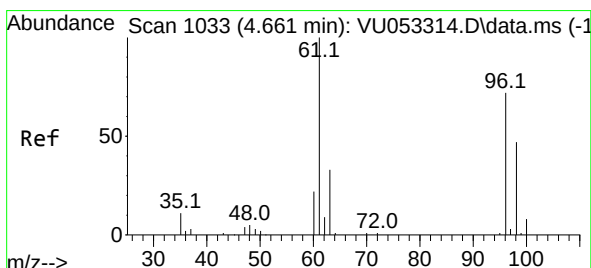
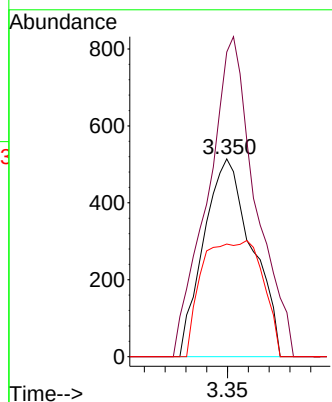
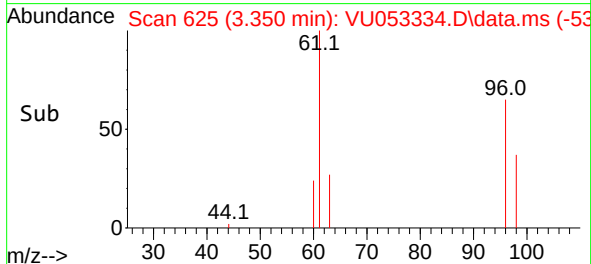


#17
trans-1,2-Dichloroethene
Concen: 0.973 ug/L
RT: 3.350 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU053334.D
Acq: 21 Mar 2023 19:07

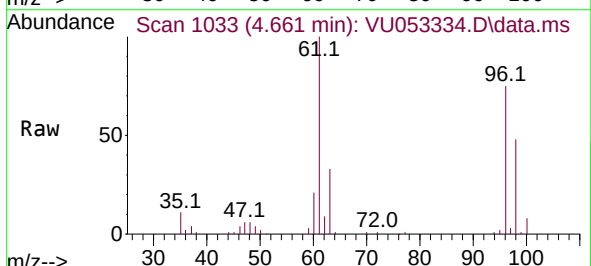
Instrument :
MSVOA_U
ClientSampleId :
EXEM6



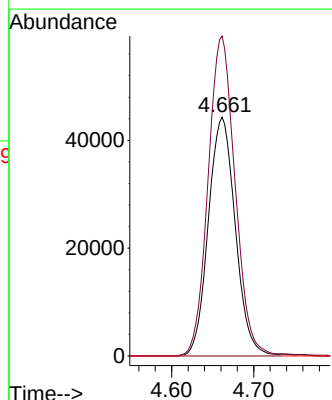
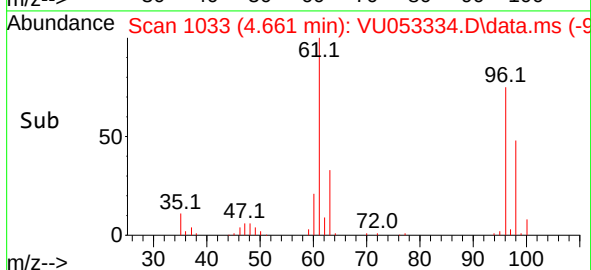
Tgt Ion:	96	Resp:	832
Ion	Ratio	Lower	Upper
96	100		
61	154.1	99.6	185.0
98	57.0	45.5	84.5

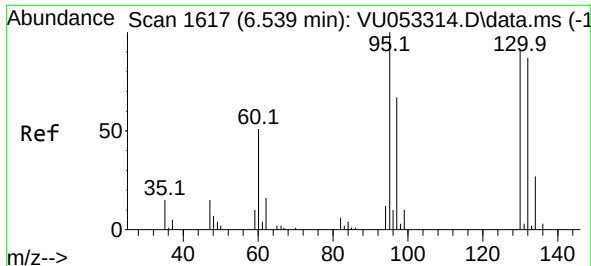


#20
cis-1,2-Dichloroethene
Concen: 100.970 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU053334.D
Acq: 21 Mar 2023 19:07



Tgt Ion:	96	Resp:	101383
Ion	Ratio	Lower	Upper
96	100		
61	133.9	92.5	171.7
68	0.0	0.0	0.0



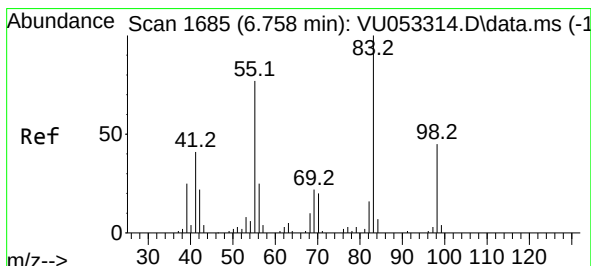
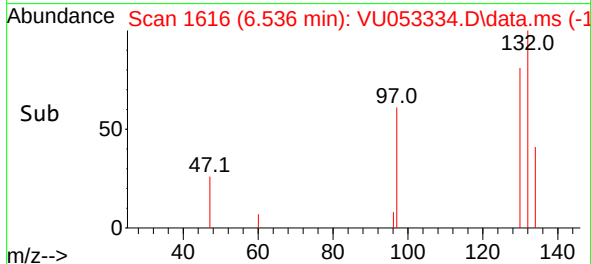
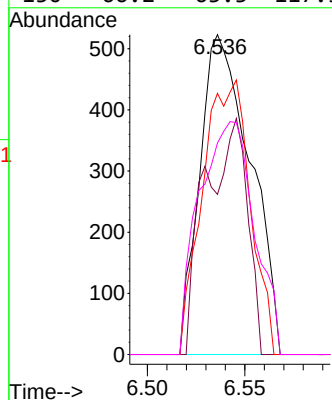
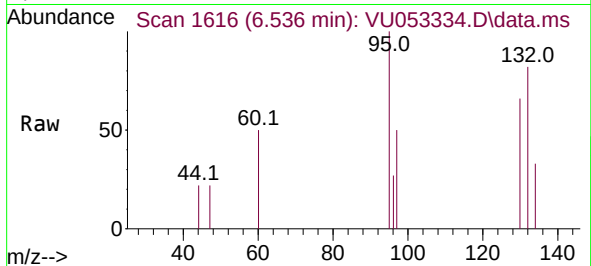


#34
Trichloroethene
Concen: 0.975 ug/L
RT: 6.536 min Scan# 1663
Delta R.T. -0.003 min
Lab File: VU053334.D
Acq: 21 Mar 2023 19:07

Instrument :
MSVOA_U
ClientSampleId :
EXEM6

Tgt Ion: 95 Resp: 946

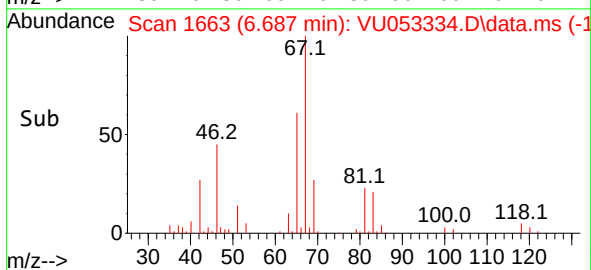
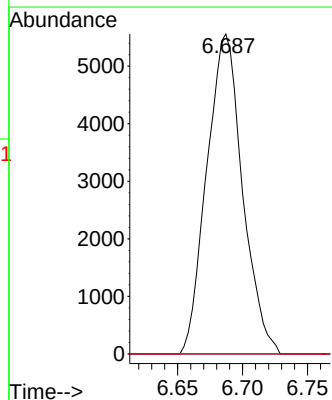
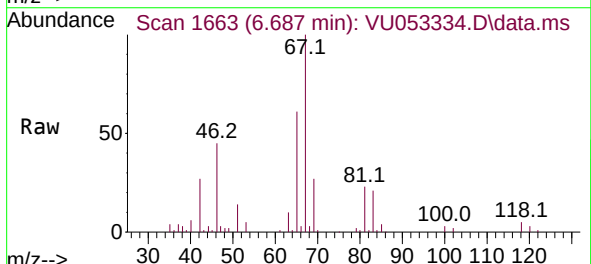
Ion	Ratio	Lower	Upper
95	100		
97	50.1	43.8	81.3
132	81.6	61.5	114.3
130	66.2	63.3	117.5

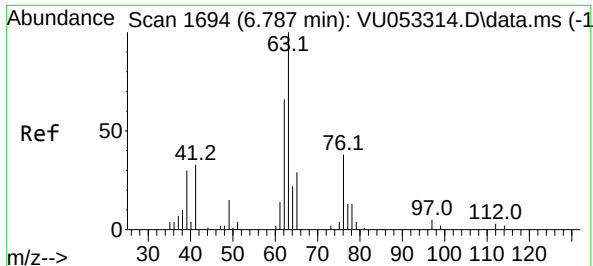


#35
Methylcyclohexane
Concen: 6.258 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU053334.D
Acq: 21 Mar 2023 19:07

Tgt Ion: 83 Resp: 10649

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.2	87.4#
98	0.0	35.4	53.2#





#37

1,2-Dichloropropane

Concen: 5.245 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU053334.D

Acq: 21 Mar 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :

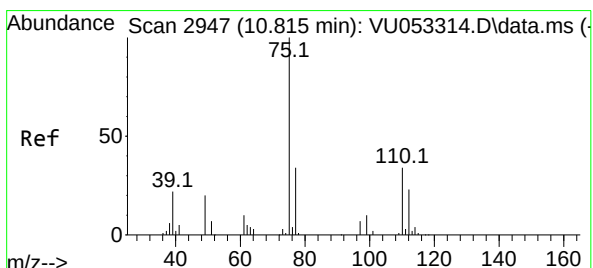
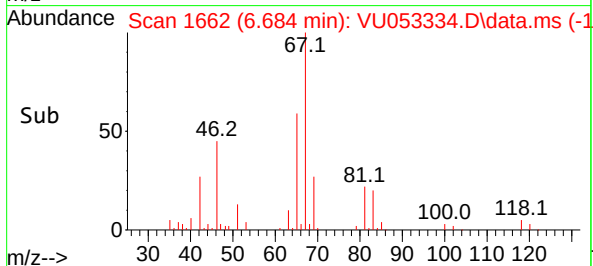
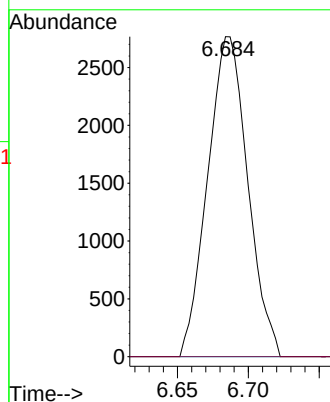
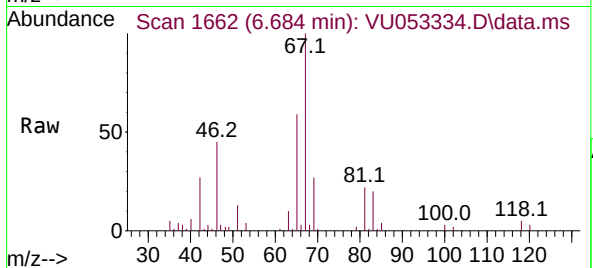
EXEM6

Tgt Ion: 63 Resp: 5448

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#



#60

1,2,3-Trichloropropane

Concen: 7.410 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.994 min

Lab File: VU053334.D

Acq: 21 Mar 2023 19:07

Tgt Ion: 75 Resp: 7288

Ion Ratio Lower Upper

75 100

77 33.2 26.6 40.0

110 0.0 28.6 42.8#

