

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062223\
 Data File : VU054655.D
 Acq On : 22 Jun 2023 14:49
 Operator : MD/SY
 Sample : 03326-12DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCA40DL

Quant Time: Jun 23 04:35:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 23 04:31:37 2023
 Response via : Initial Calibration

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

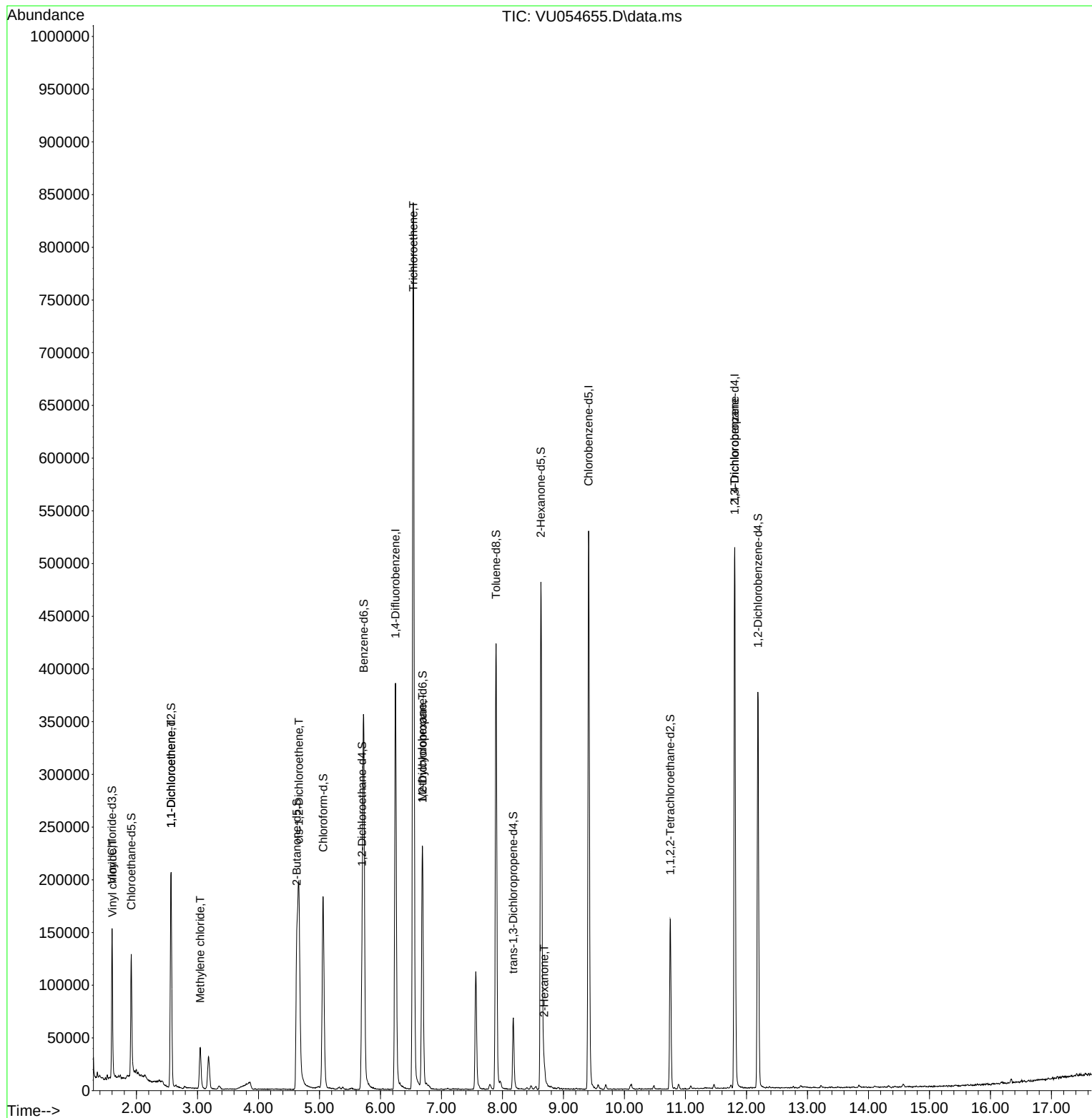
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	299800	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	289438	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	133216	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	103112	5.404	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.000%
7) Chloroethane-d5	1.914	69	84274	4.718	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.567	65	40635	4.769	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	4.628	46	248710	46.363	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.720%
24) Chloroform-d	5.059	84	168999	4.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.698	65	85418	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.724	84	335261	4.167	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.689	67	116328	4.329	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.894	98	284033	3.978	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	8.177	79	39741	4.253	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.631	63	159759	40.754	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.500%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	83452	4.165	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	97441	4.337	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.605	62	3706	0.112	ug/L #	62
12) 1,1-Dichloroethene	2.567	96	2475	0.114	ug/L #	1
16) Methylene chloride	3.046	84	18222	0.596	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	73055	2.857	ug/L	94
34) Trichloroethene	6.538	95	295403	10.739	ug/L	95
35) Methylcyclohexane	6.685	83	25416	0.611	ug/L #	17
48) 2-Hexanone	8.685	43	9735	0.870	ug/L #	87
61) 1,2,3-Trichloropropane	11.804	75	17813	1.323	ug/L #	69

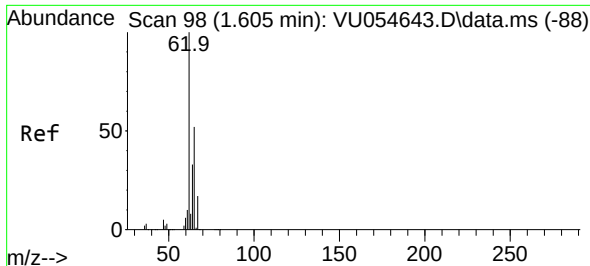
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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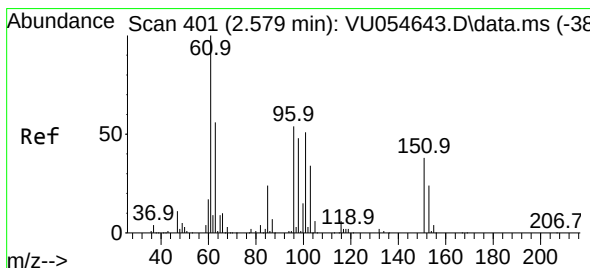
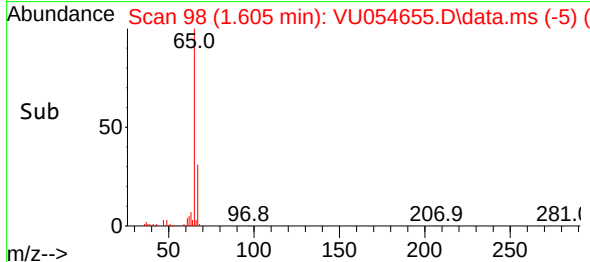
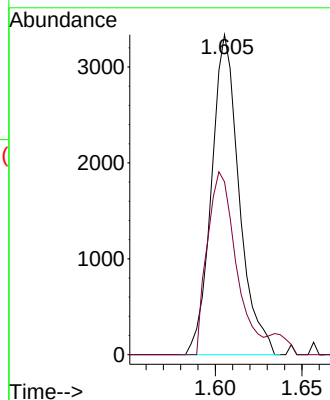
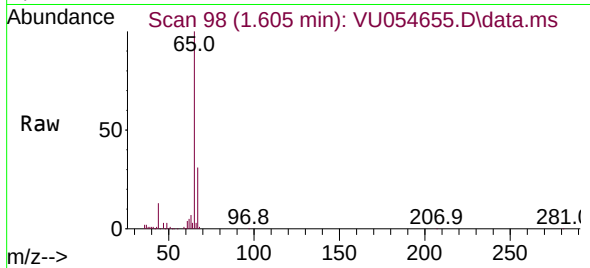




#5
Vinyl chloride
Concen: 0.112 ug/L
RT: 1.605 min Scan# 98
Delta R.T. 0.000 min
Lab File: VU054655.D
Acq: 22 Jun 2023 14:49

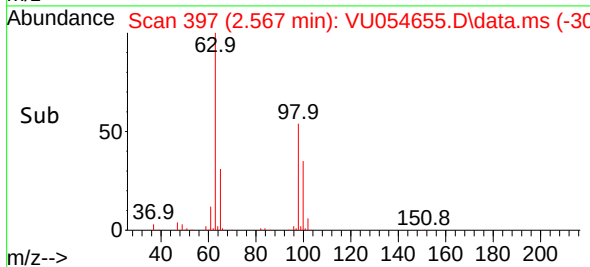
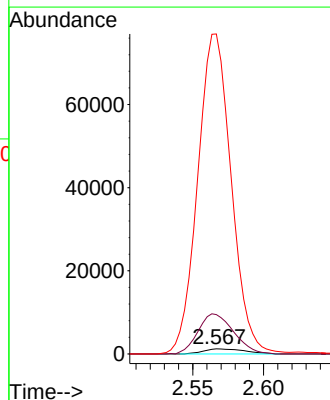
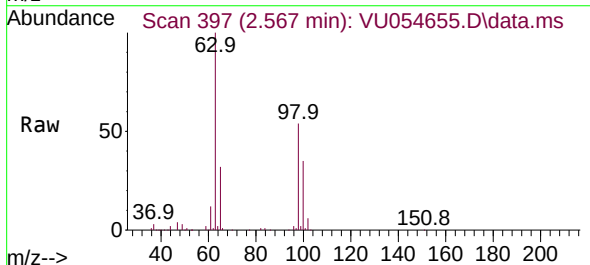
Instrument :
MSVOA_U
ClientSampleId :
GCA40DL

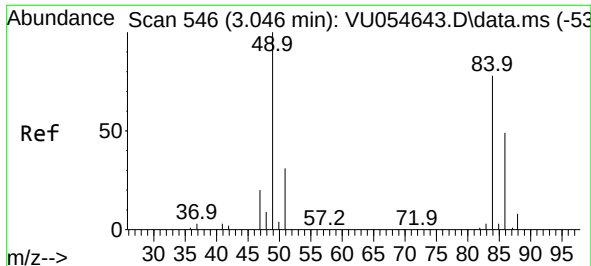
Tgt Ion: 62 Resp: 3706
Ion Ratio Lower Upper
62 100
64 54.0 23.0 42.6#



#12
1,1-Dichloroethene
Concen: 0.114 ug/L
RT: 2.567 min Scan# 397
Delta R.T. -0.013 min
Lab File: VU054655.D
Acq: 22 Jun 2023 14:49

Tgt Ion: 96 Resp: 2475
Ion Ratio Lower Upper
96 100
61 761.0 119.9 222.7#
63 6193.4 64.3 119.3#

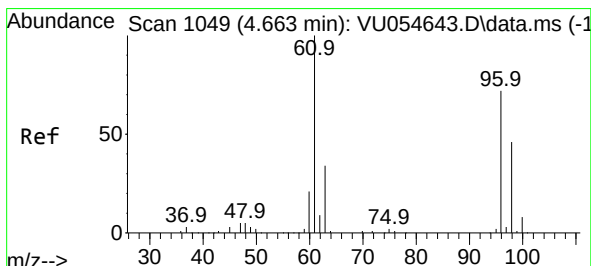
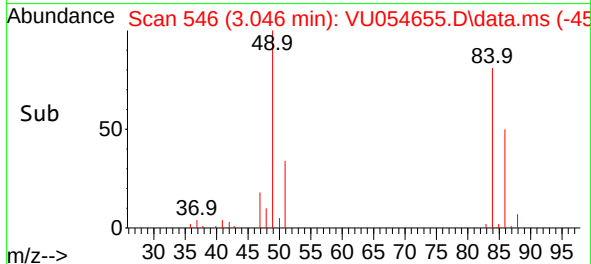
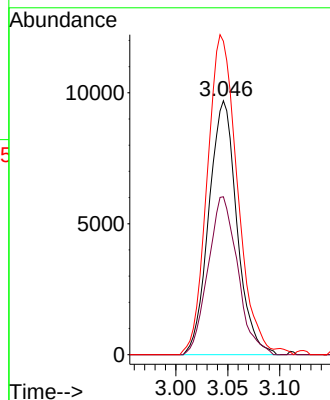
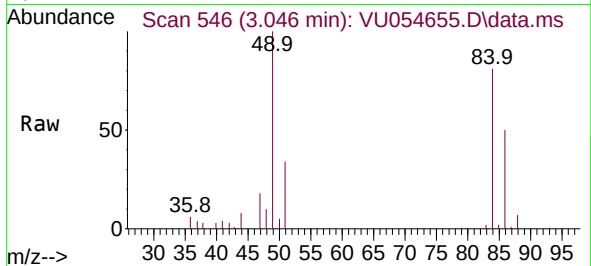




#16
Methylene chloride
Concen: 0.596 ug/L
RT: 3.046 min Scan# 546
Delta R.T. 0.000 min
Lab File: VU054655.D
Acq: 22 Jun 2023 14:49

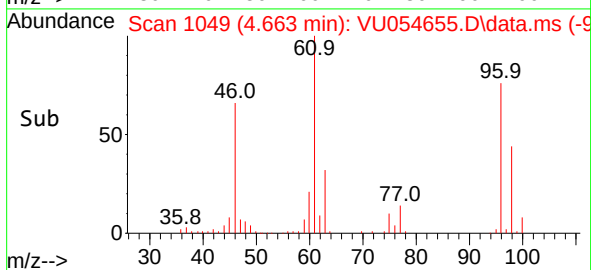
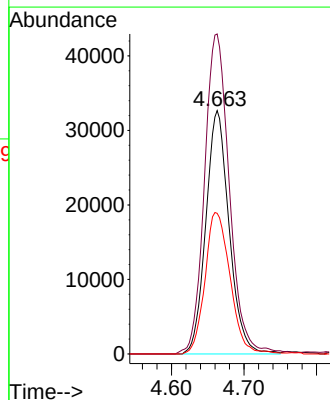
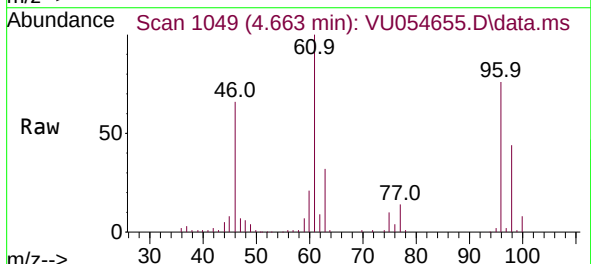
Instrument :
MSVOA_U
ClientSampleId :
GCA40DL

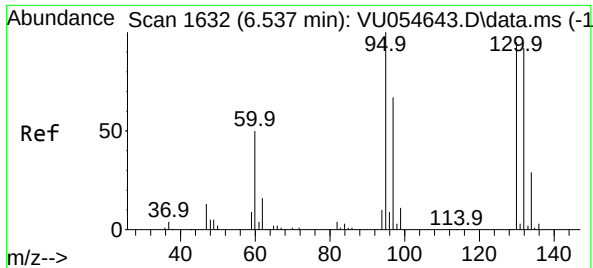
Tgt Ion: 84 Resp: 18222
Ion Ratio Lower Upper
84 100
86 62.2 43.9 81.5
49 123.5 86.1 159.9



#22
cis-1,2-Dichloroethene
Concen: 2.857 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU054655.D
Acq: 22 Jun 2023 14:49

Tgt Ion: 96 Resp: 73055
Ion Ratio Lower Upper
96 100
61 131.5 96.5 179.1
98 57.8 44.9 83.3

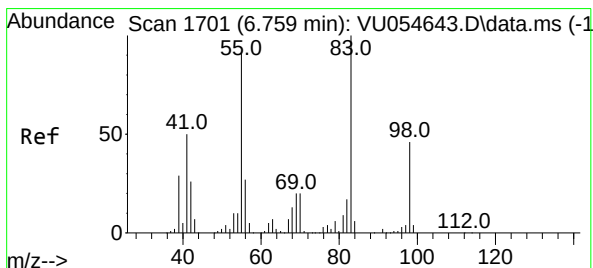
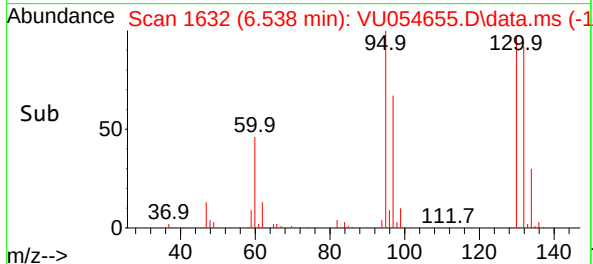
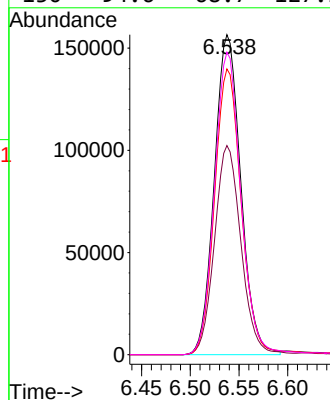
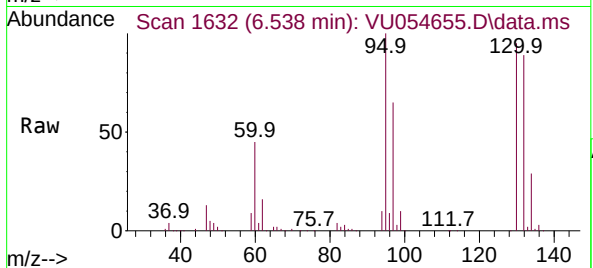




#34
Trichloroethene
Concen: 10.739 ug/L
RT: 6.538 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VU054655.D
Acq: 22 Jun 2023 14:49

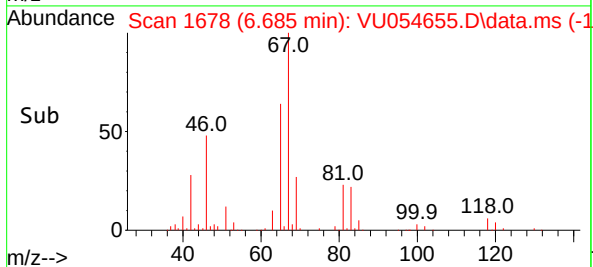
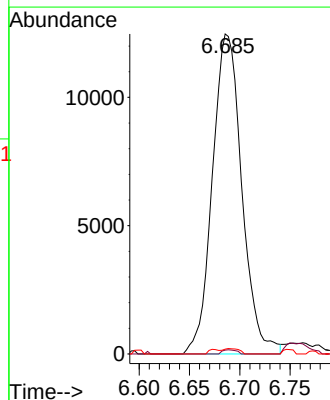
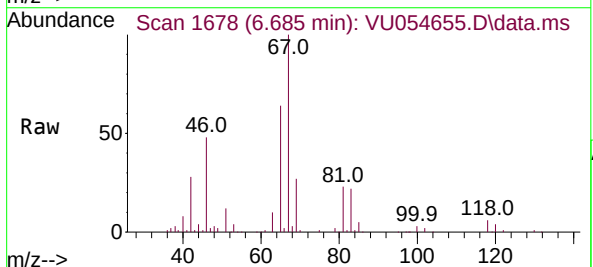
Instrument :
MSVOA_U
ClientSampleId :
GCA40DL

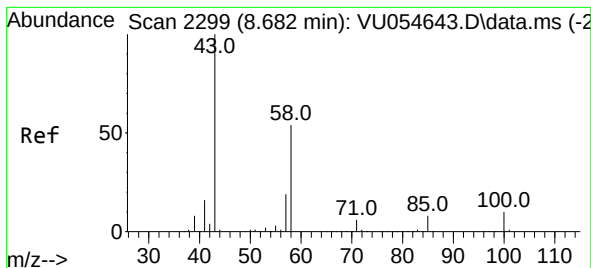
Tgt Ion: 95 Resp: 295403
Ion Ratio Lower Upper
95 100
97 65.4 46.8 87.0
132 89.3 68.4 127.0
130 94.6 68.7 127.5



#35
Methylcyclohexane
Concen: 0.611 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU054655.D
Acq: 22 Jun 2023 14:49

Tgt Ion: 83 Resp: 25416
Ion Ratio Lower Upper
83 100
55 0.6 67.1 100.7#
98 0.9 35.1 52.7#





#48

2-Hexanone

Concen: 0.870 ug/L

RT: 8.685 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU054655.D

Acq: 22 Jun 2023 14:49

Instrument :

MSVOA_U

ClientSampleId :

GCA40DL

Tgt Ion: 43 Resp: 9735

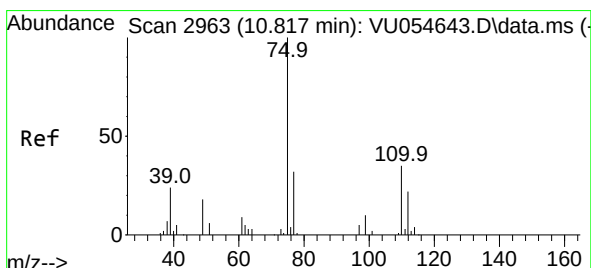
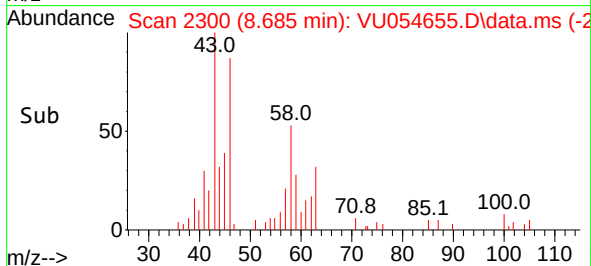
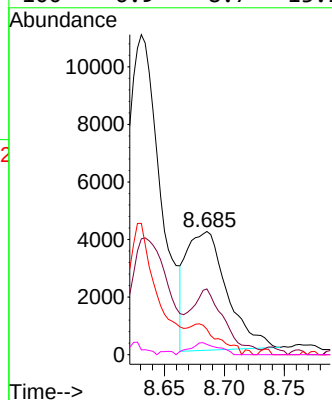
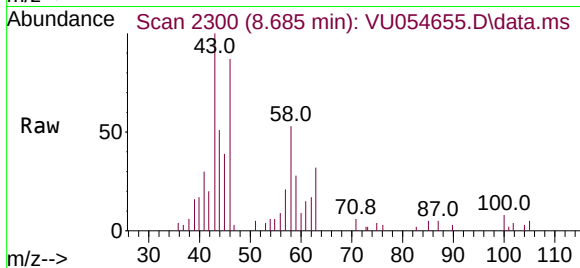
Ion Ratio Lower Upper

43 100

58 44.8 45.2 67.8#

57 17.7 15.8 23.6

100 6.9 8.7 13.1#



#61

1,2,3-Trichloropropane

Concen: 1.323 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU054655.D

Acq: 22 Jun 2023 14:49

Tgt Ion: 75 Resp: 17813

Ion Ratio Lower Upper

75 100

110 2.2 28.0 42.0#

77 30.6 25.4 38.2

