

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011323\
 Data File : VU052670.D
 Acq On : 13 Jan 2023 16:59
 Operator : JC/MD
 Sample : N1139-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005124

Quant Time: Jan 13 22:27:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:53:59 2023
 Response via : Initial Calibration

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

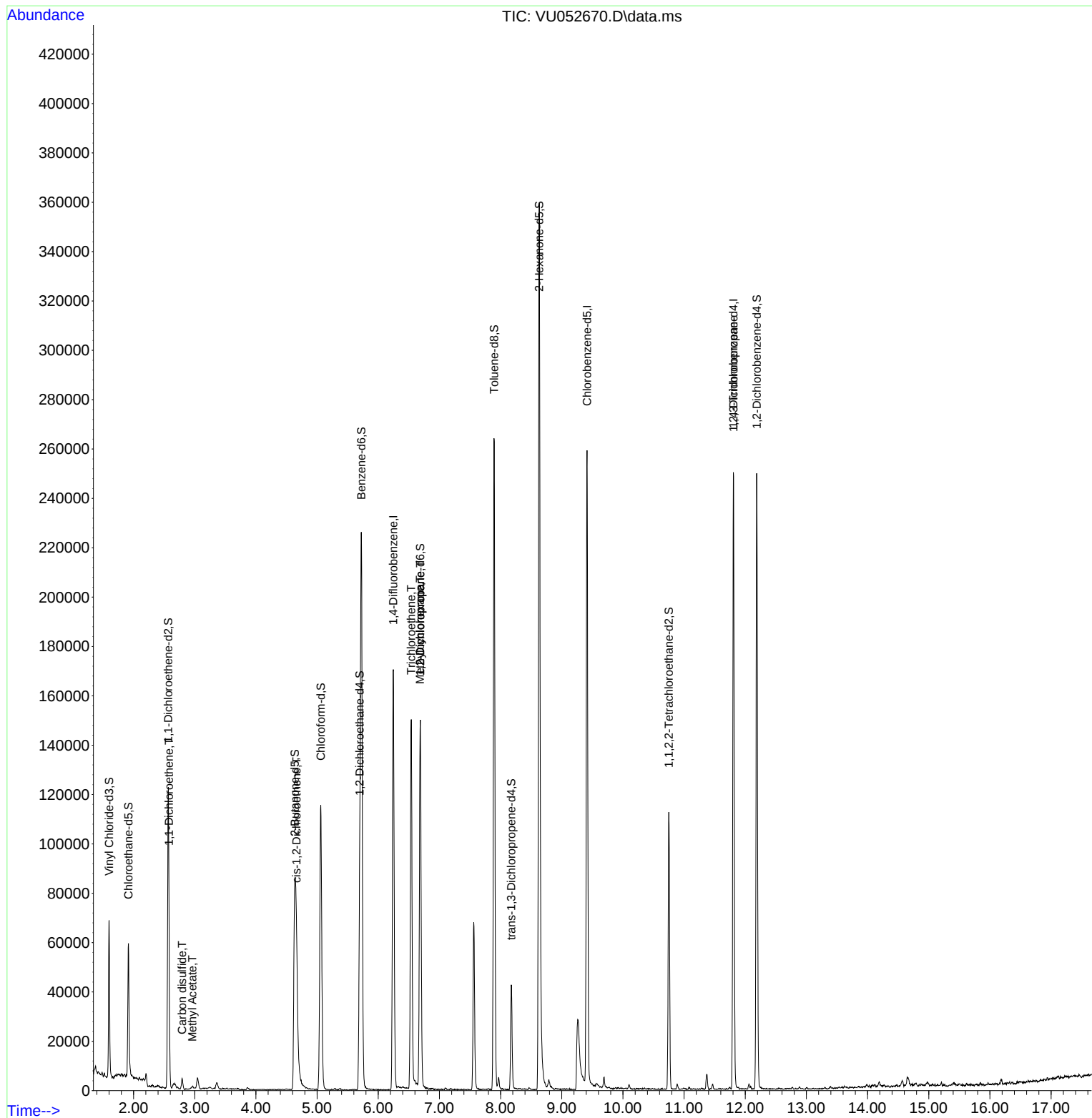
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	136320	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	141352	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	65440	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	46700	3.899	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.916	69	42490	4.355	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.568	65	22770	4.317	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.636	46	166502	51.996	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.000%
24) Chloroform-d	5.060	84	107893	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.697	65	57993	5.055	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.726	84	212139	4.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.687	67	72667	4.760	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.893	98	174187	4.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.176	79	24392	4.296	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.632	63	125517	53.219	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.440%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	55445	4.743	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	64726	5.433	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	4234	0.358	ug/L #	1
14) Carbon disulfide	2.793	76	5197	0.127	ug/L #	94
15) Methyl Acetate	2.961	43	1448	0.263	ug/L	91
22) cis-1,2-Dichloroethene	4.665	96	11174	0.863	ug/L	95
34) Trichloroethene	6.539	95	50905	3.846	ug/L	98
35) Methylcyclohexane	6.684	83	16468	0.754	ug/L #	16
37) 1,2-Dichloropropane	6.687	63	7570	0.504	ug/L #	89
61) 1,2,3-Trichloropropane	11.809	75	7662	1.007	ug/L #	70

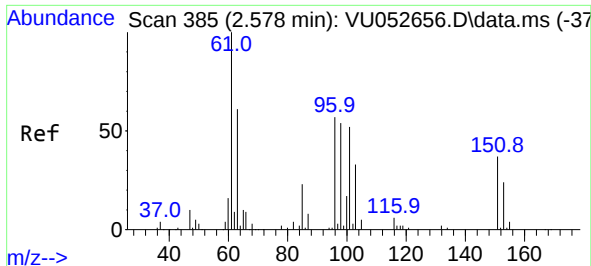
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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#12

1,1-Dichloroethene

Concen: 0.358 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.003 min

Lab File: VU052670.D

Acq: 13 Jan 2023 16:59

Instrument :

MSVOA_U

ClientSampleId :

VSTD005124

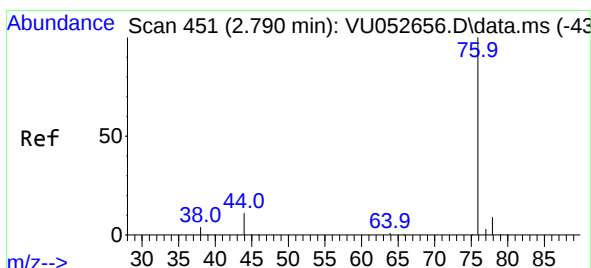
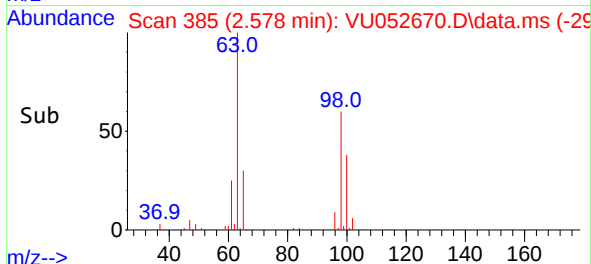
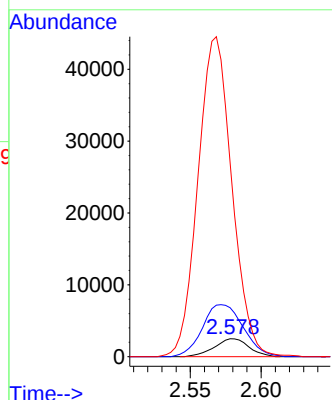
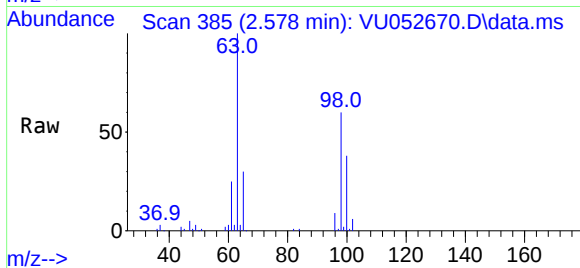
Tgt Ion: 96 Resp: 4234

Ion Ratio Lower Upper

96 100

61 272.5 129.6 240.8#

63 1078.5 83.7 155.5#



#14

Carbon disulfide

Concen: 0.127 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU052670.D

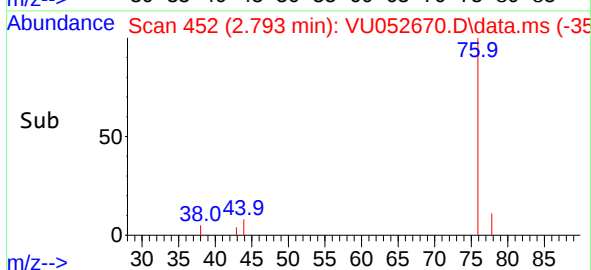
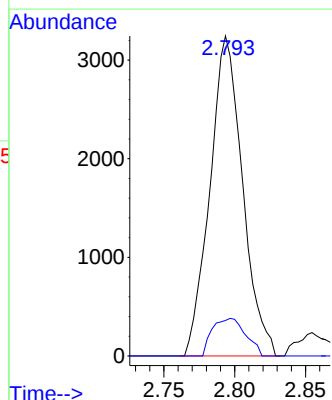
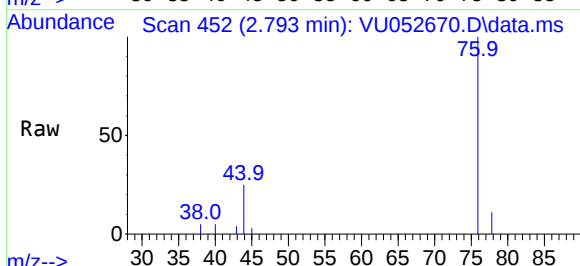
Acq: 13 Jan 2023 16:59

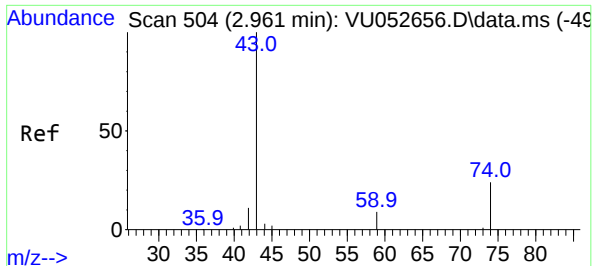
Tgt Ion: 76 Resp: 5197

Ion Ratio Lower Upper

76 100

78 11.1 7.0 10.6#

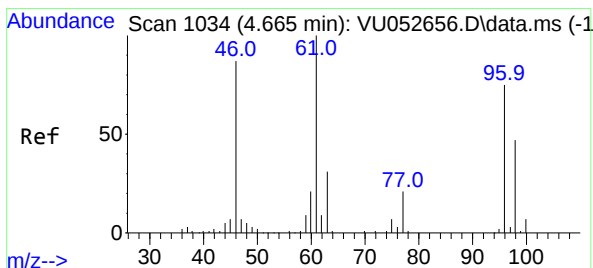
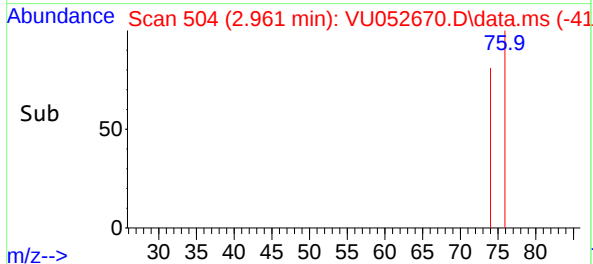
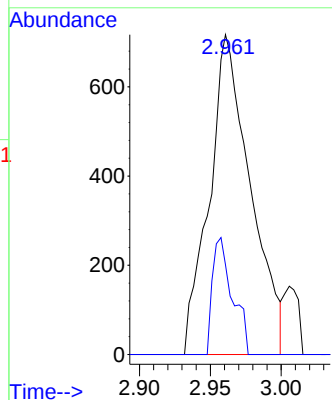
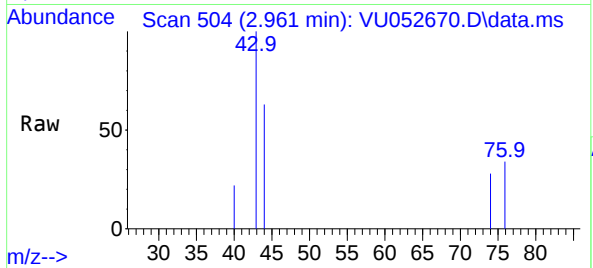




#15
Methyl Acetate
Concen: 0.263 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU052670.D
Acq: 13 Jan 2023 16:59

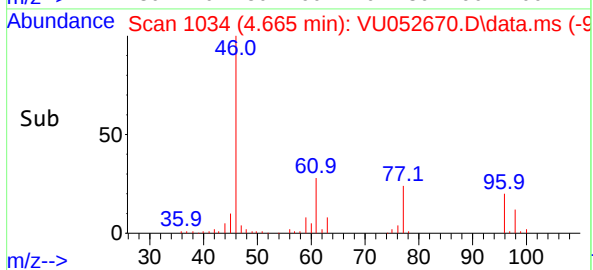
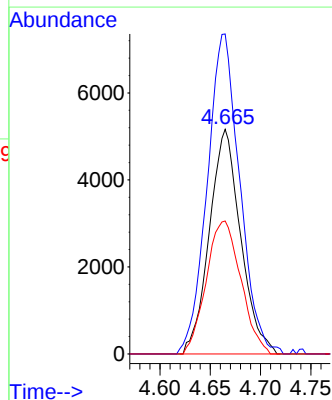
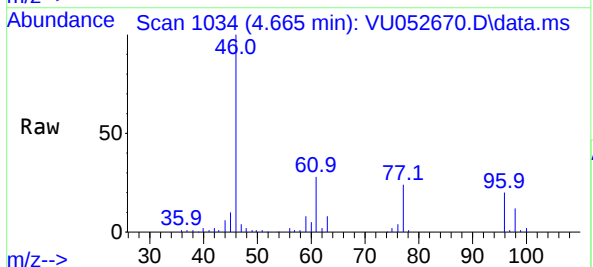
Instrument :
MSVOA_U
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VSTD005124

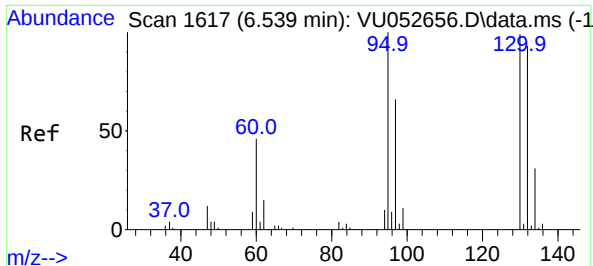
Tgt Ion: 43 Resp: 1448
Ion Ratio Lower Upper
43 100
74 17.7 17.5 26.3



#22
cis-1,2-Dichloroethene
Concen: 0.863 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VU052670.D
Acq: 13 Jan 2023 16:59

Tgt Ion: 96 Resp: 11174
Ion Ratio Lower Upper
96 100
61 142.4 94.6 175.8
98 59.2 43.3 80.3



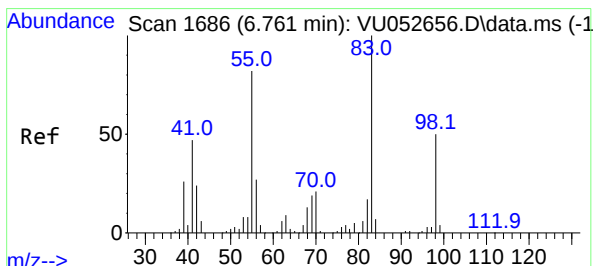
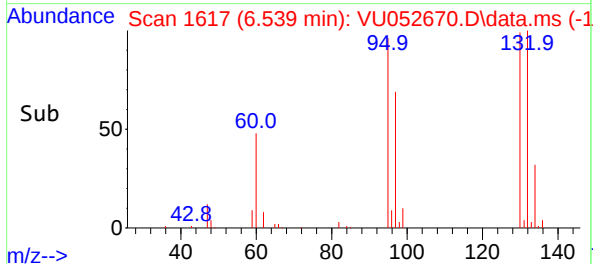
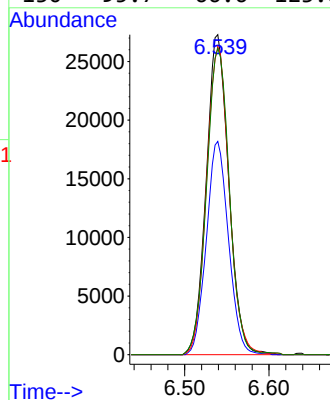
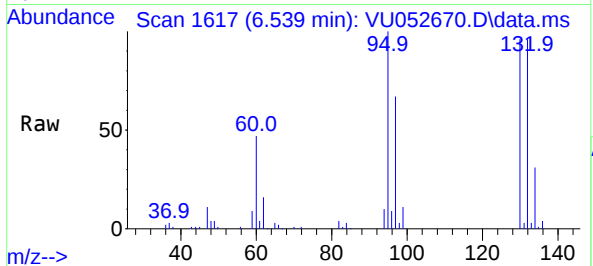


#34
Trichloroethene
Concen: 3.846 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052670.D
Acq: 13 Jan 2023 16:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD005124

Tgt Ion: 95 Resp: 50905

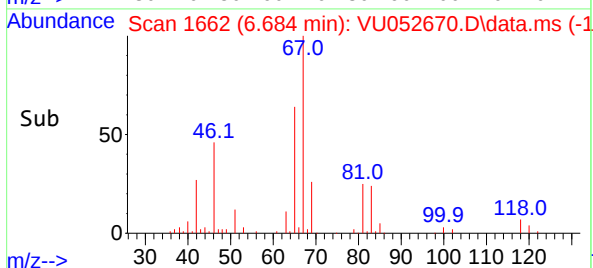
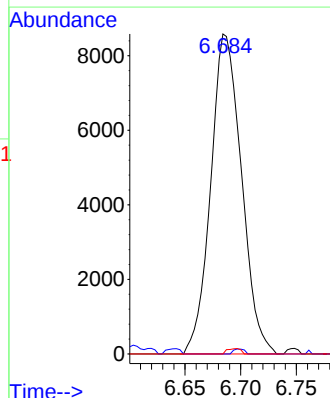
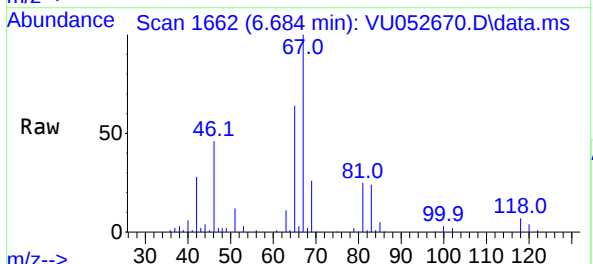
Ion	Ratio	Lower	Upper
95	100		
97	66.7	46.0	85.4
132	96.2	64.0	118.8
130	95.7	66.6	123.8

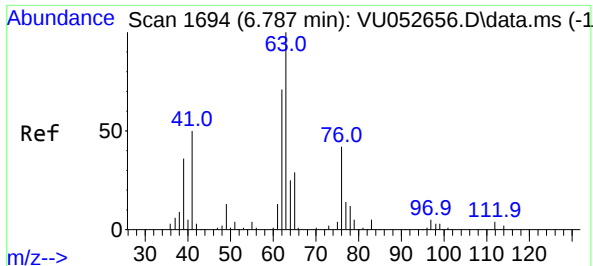


#35
Methylcyclohexane
Concen: 0.754 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.074 min
Lab File: VU052670.D
Acq: 13 Jan 2023 16:59

Tgt Ion: 83 Resp: 16468

Ion	Ratio	Lower	Upper
83	100		
55	0.6	67.6	101.4#
98	0.7	37.1	55.7#

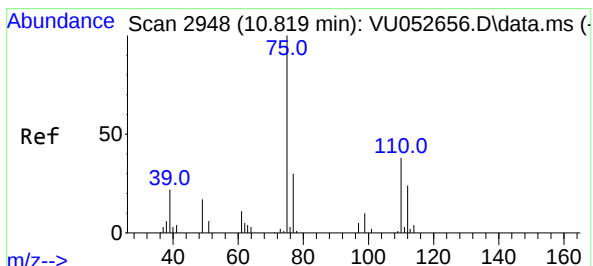
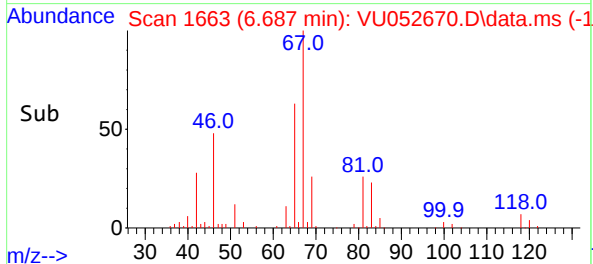
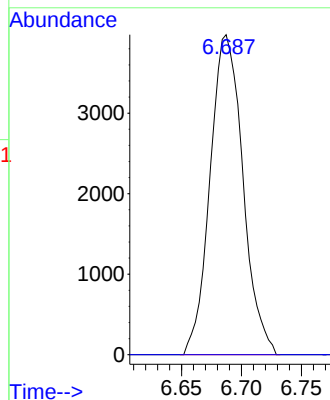
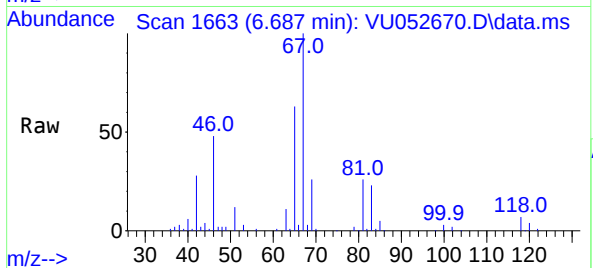




#37
1,2-Dichloropropane
Concen: 0.504 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU052670.D
Acq: 13 Jan 2023 16:59

Instrument :
MSVOA_U
ClientSampleId :
VSTD005124

Tgt Ion: 63 Resp: 7570
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



#61
1,2,3-Trichloropropane
Concen: 1.007 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU052670.D
Acq: 13 Jan 2023 16:59

Tgt Ion: 75 Resp: 7662
Ion Ratio Lower Upper
75 100
110 1.7 27.2 40.8#
77 29.4 24.0 36.0

