

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011623\
 Data File : VU052698.D
 Acq On : 16 Jan 2023 13:07
 Operator : JC/MD
 Sample : 01139-01DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1Y4DL

Quant Time: Jan 17 05:33:26 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)

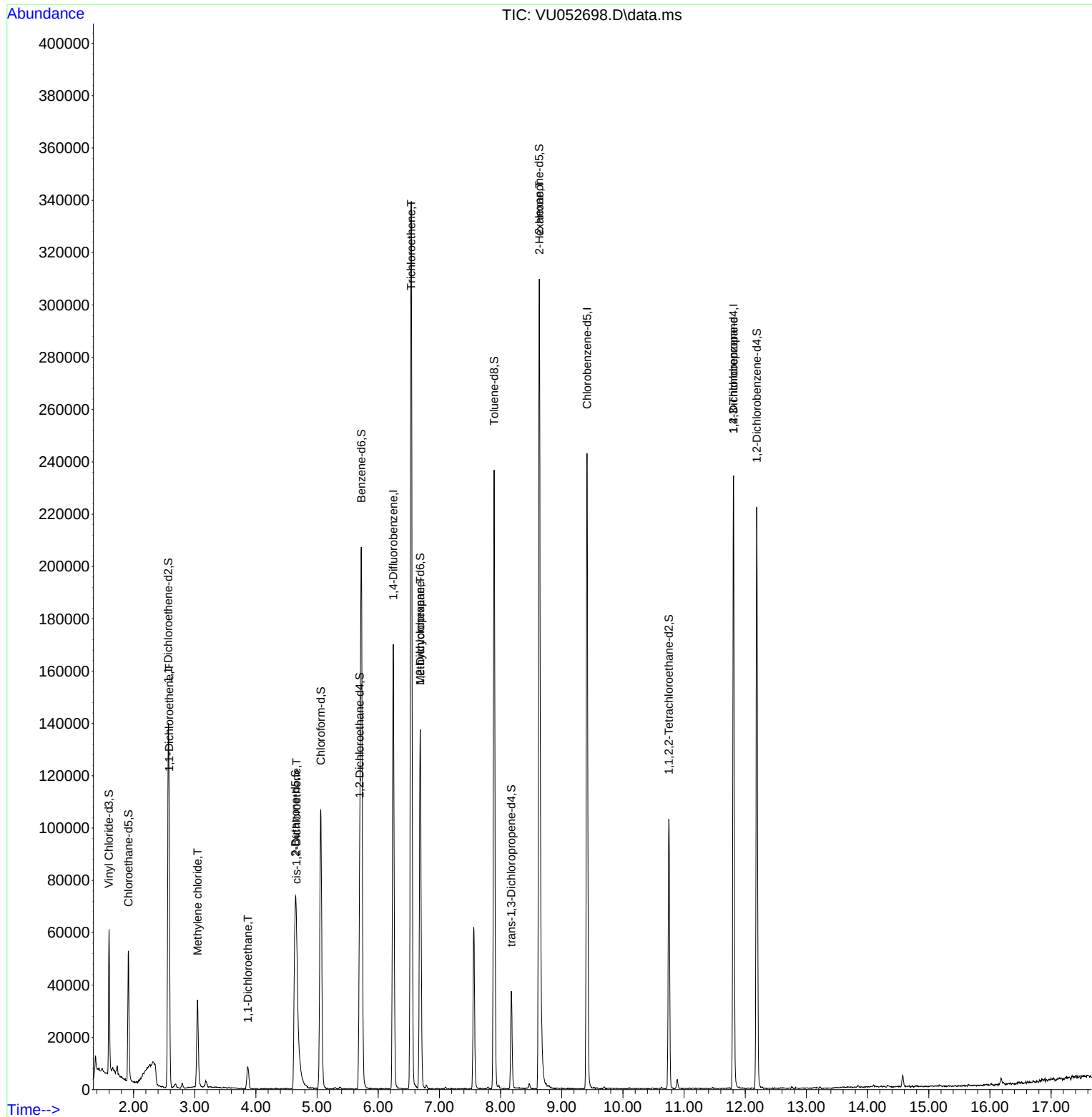
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	134979	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	135792	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	61309	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39249	3.310	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.200%
7) Chloroethane-d5	1.915	69	38584	3.994	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.568	65	21252	4.070	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	4.645	46	147456	46.506	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.020%
24) Chloroform-d	5.060	84	99827	4.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.697	65	54372	4.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.722	84	197318	4.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.687	67	66155	4.511	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.896	98	156583	4.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.176	79	22088	4.050	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.632	63	106534	47.020	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.040%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	52185	4.647	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	57356	5.139	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.581	96	20228	1.728	ug/L #	74
16) Methylene chloride	3.044	84	16099	1.034	ug/L	91
19) 1,1-Dichloroethane	3.867	63	10796	0.436	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	5471	0.427	ug/L	96
34) Trichloroethene	6.539	95	116520	9.165	ug/L	98
35) Methylcyclohexane	6.687	83	14998	0.714	ug/L #	15
48) 2-Hexanone	8.635	43	13485	2.233	ug/L #	75
61) 1,2,3-Trichloropropane	11.806	75	7951	1.116	ug/L #	68

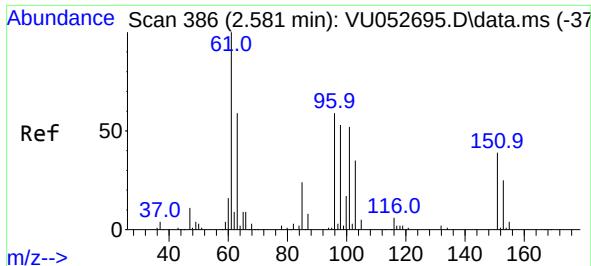
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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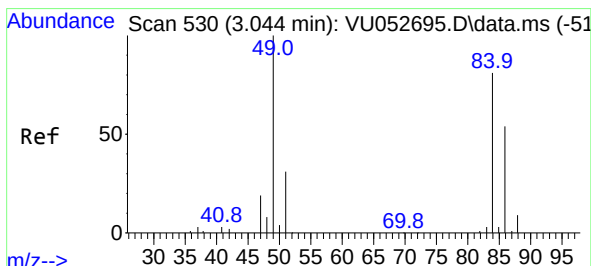
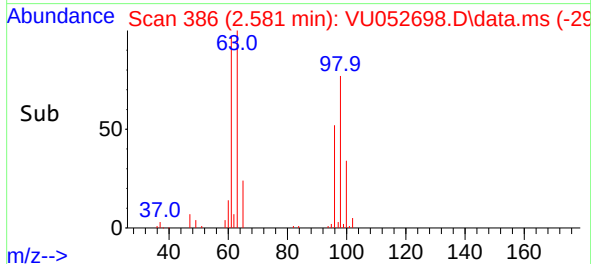
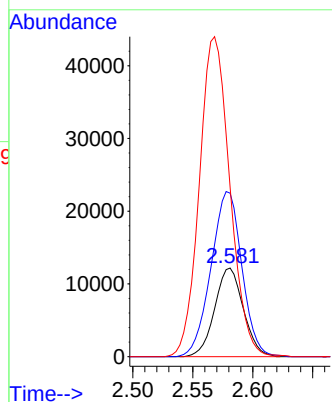
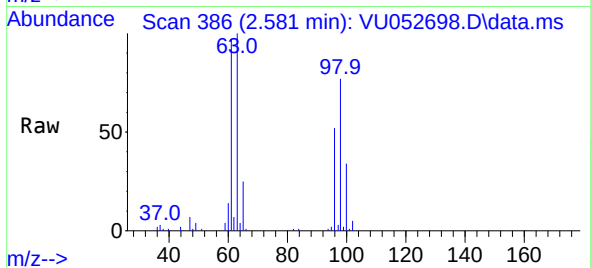




#12
1,1-Dichloroethene
Concen: 1.728 ug/L
RT: 2.581 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052698.D
Acq: 16 Jan 2023 13:07

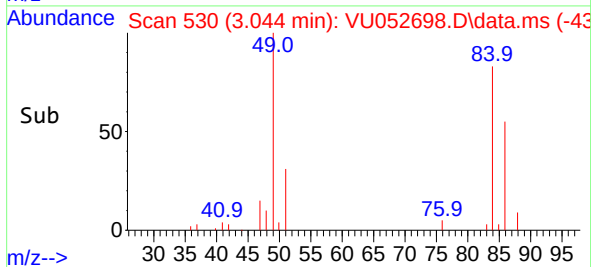
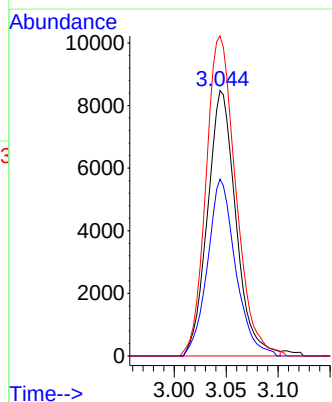
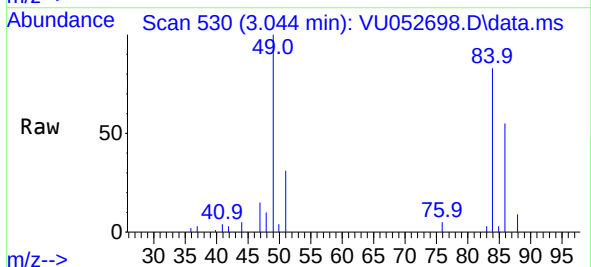
Instrument :
MSVOA_U
ClientSampleId :
BH1Y4DL

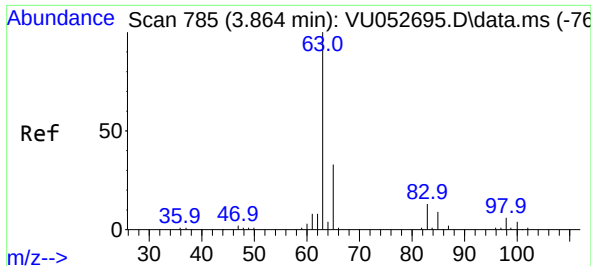
Tgt Ion: 96 Resp: 20228
Ion Ratio Lower Upper
96 100
61 184.6 129.6 240.8
63 191.0 83.7 155.5#



#16
Methylene chloride
Concen: 1.034 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU052698.D
Acq: 16 Jan 2023 13:07

Tgt Ion: 84 Resp: 16099
Ion Ratio Lower Upper
84 100
86 66.6 45.6 84.6
49 120.6 94.8 176.0

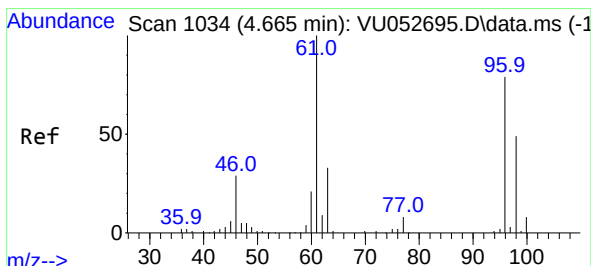
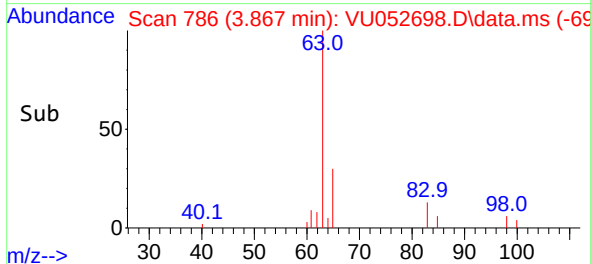
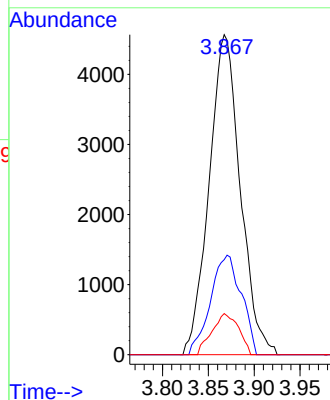
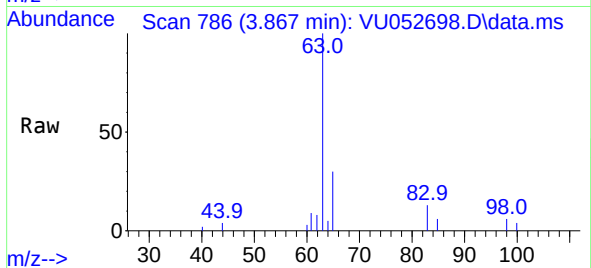




#19
1,1-Dichloroethane
Concen: 0.436 ug/L
RT: 3.867 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU052698.D
Acq: 16 Jan 2023 13:07

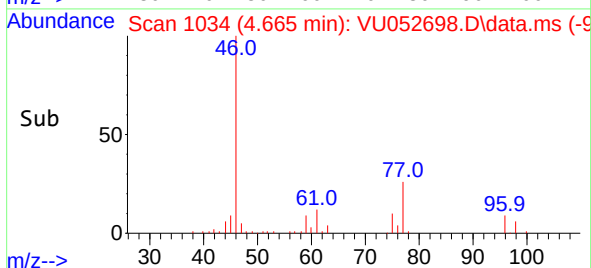
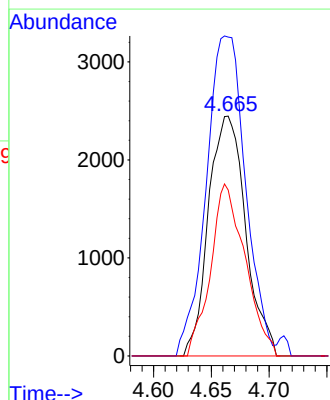
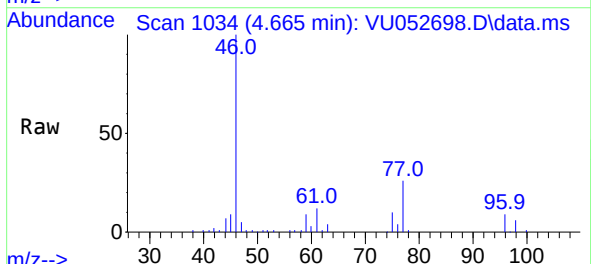
Instrument :
MSVOA_U
ClientSampleId :
BH1Y4DL

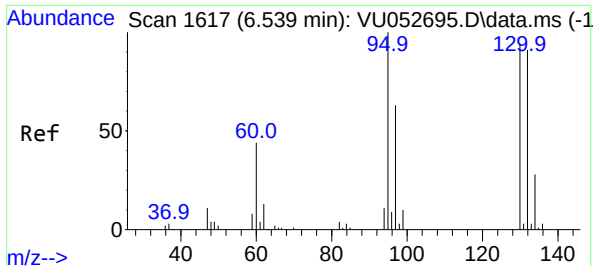
Tgt Ion:	63	Resp:	10796
Ion	Ratio	Lower	Upper
63	100		
65	29.7	22.0	41.0
83	12.8	8.9	16.5



#22
cis-1,2-Dichloroethene
Concen: 0.427 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VU052698.D
Acq: 16 Jan 2023 13:07

Tgt Ion:	96	Resp:	5471
Ion	Ratio	Lower	Upper
96	100		
61	133.0	94.6	175.8
98	69.2	43.3	80.3

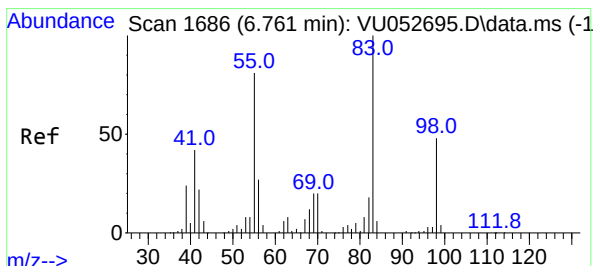
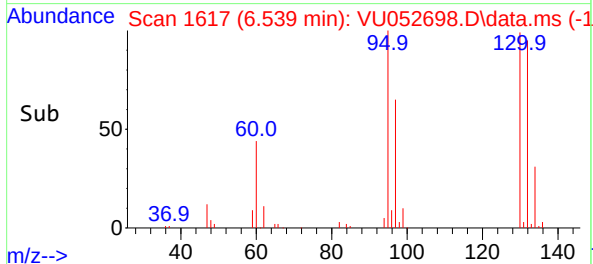
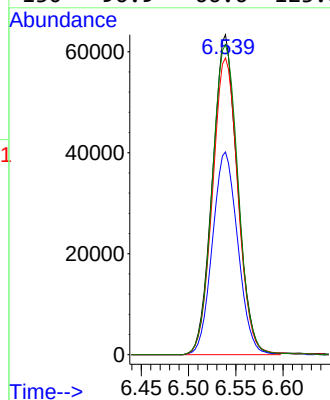
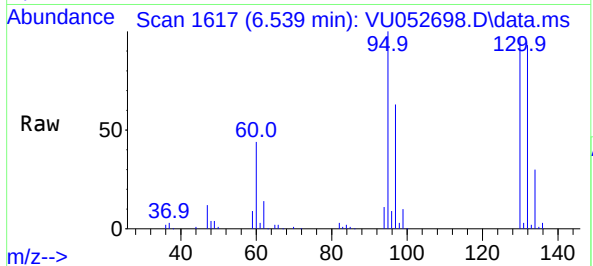




#34
Trichloroethene
Concen: 9.165 ug/L
RT: 6.539 min Scan# 116520
Delta R.T. -0.000 min
Lab File: VU052698.D
Acq: 16 Jan 2023 13:07

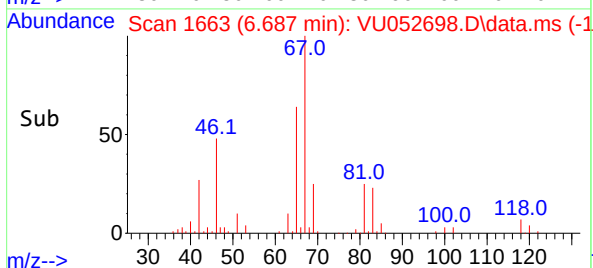
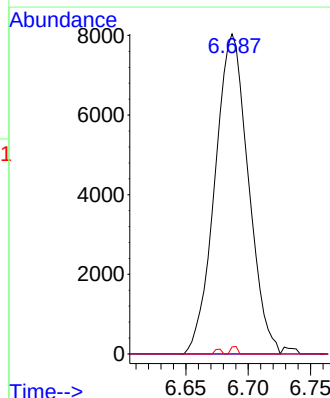
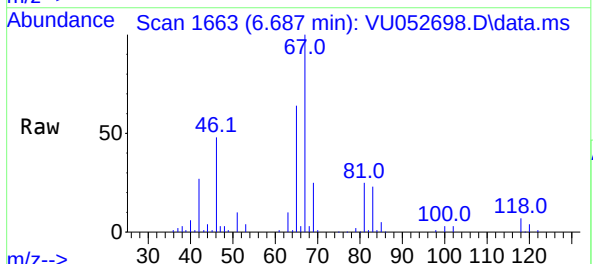
Instrument :
MSVOA_U
ClientSampleId :
BH1Y4DL

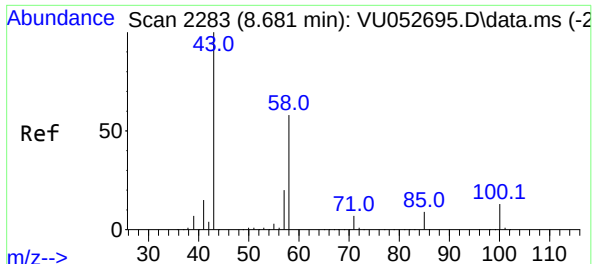
Tgt Ion: 95 Resp: 116520
Ion Ratio Lower Upper
95 100
97 63.4 46.0 85.4
132 92.7 64.0 118.8
130 96.9 66.6 123.8



#35
Methylcyclohexane
Concen: 0.714 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU052698.D
Acq: 16 Jan 2023 13:07

Tgt Ion: 83 Resp: 14998
Ion Ratio Lower Upper
83 100
55 0.0 67.6 101.4#
98 0.0 37.1 55.7#





#48

2-Hexanone

Concen: 2.233 ug/L

RT: 8.635 min Scan# 21

Delta R.T. -0.045 min

Lab File: VU052698.D

Acq: 16 Jan 2023 13:07

Instrument :

MSVOA_U

ClientSampleId :

BH1Y4DL

Tgt Ion: 43 Resp: 13485

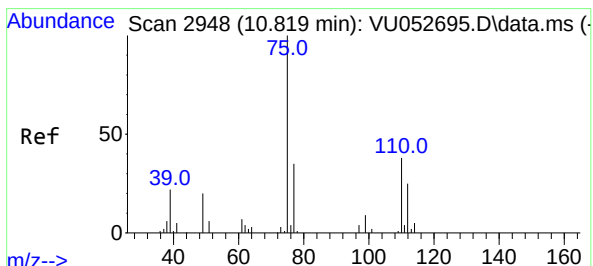
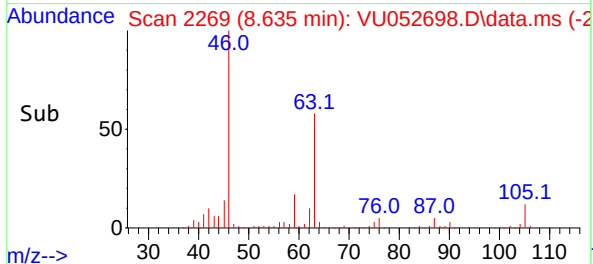
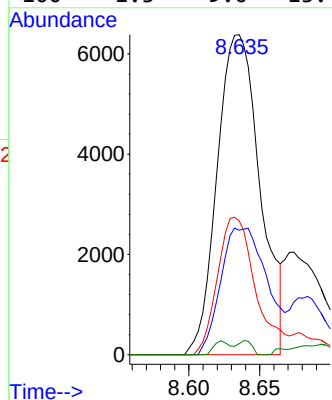
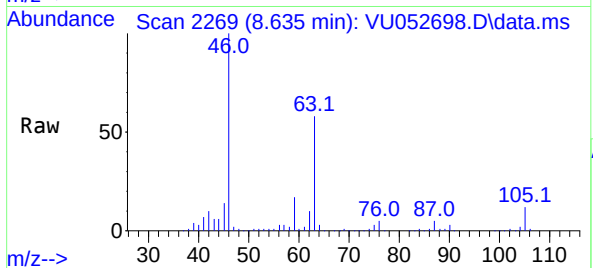
Ion Ratio Lower Upper

43 100

58 42.8 45.1 67.7#

57 38.5 15.1 22.7#

100 1.3 9.0 13.4#



#61

1,2,3-Trichloropropane

Concen: 1.116 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU052698.D

Acq: 16 Jan 2023 13:07

Tgt Ion: 75 Resp: 7951

Ion Ratio Lower Upper

75 100

110 0.5 27.2 40.8#

77 31.6 24.0 36.0

