

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011623\
 Data File : VU052697.D
 Acq On : 16 Jan 2023 12:43
 Operator : JC/MD
 Sample : 01139-08 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1Z1

Quant Time: Jan 17 05:33:17 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)

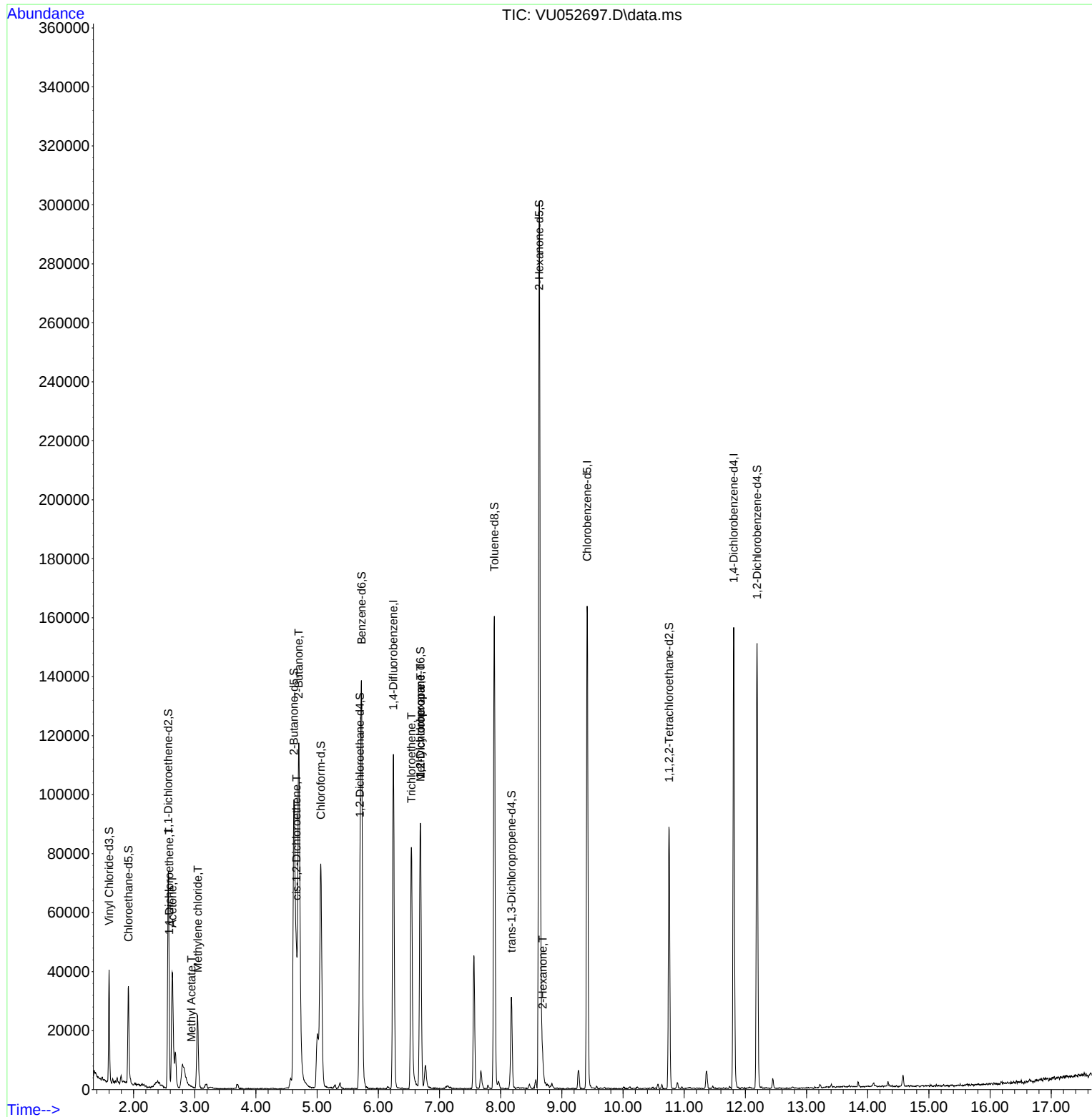
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	91556	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	89902	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	41727	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	26947	3.350	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.916	69	25916	3.955	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.565	65	13692	3.865	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	4.620	46	146606	68.167	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.340%#
24) Chloroform-d	5.060	84	67748	4.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.700	65	42456	5.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.200%
32) Benzene-d6	5.726	84	133144	4.569	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.687	67	43926	4.524	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.896	98	107073	4.168	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	8.176	79	17191	4.761	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.629	63	99823	66.547	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	133.100%#
56) 1,1,2,2-Tetrachloroeth...	10.751	84	44572	5.995	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	39505	5.201	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
12) 1,1-Dichloroethene	2.581	96	1576	0.199	ug/L #	1
13) Acetone	2.633	43	52546	34.067	ug/L	96
15) Methyl Acetate	2.945	43	667	0.180	ug/L #	54
16) Methylene chloride	3.047	84	12358	1.170	ug/L	86
21) 2-Butanone	4.700	43	175824	70.812	ug/L	97
22) cis-1,2-Dichloroethene	4.661	96	15379	1.769	ug/L	96
34) Trichloroethene	6.542	95	24435	2.903	ug/L	93
35) Methylcyclohexane	6.690	83	10194	0.733	ug/L #	17
37) 1,2-Dichloropropane	6.687	63	4743	0.497	ug/L #	89
48) 2-Hexanone	8.687	43	4560	1.140	ug/L #	86

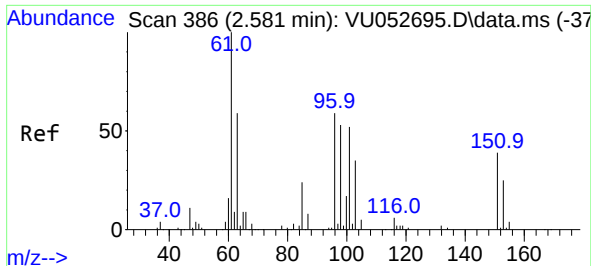
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011623\
Data File : VU052697.D
Acq On : 16 Jan 2023 12:43
Operator : JC/MD
Sample : 01139-08 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH1Z1

Quant Time: Jan 17 05:33:17 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





#12

1,1-Dichloroethene

Concen: 0.199 ug/L

RT: 2.581 min Scan# 3

Delta R.T. -0.000 min

Lab File: VU052697.D

Acq: 16 Jan 2023 12:43

Instrument :

MSVOA_U

ClientSampleId :

BH1Z1

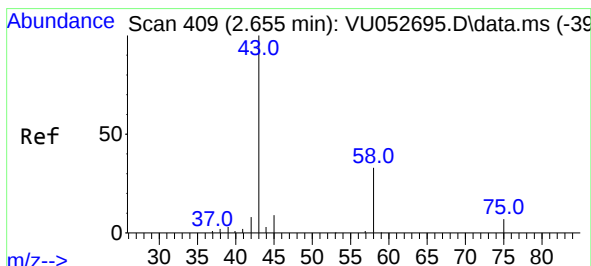
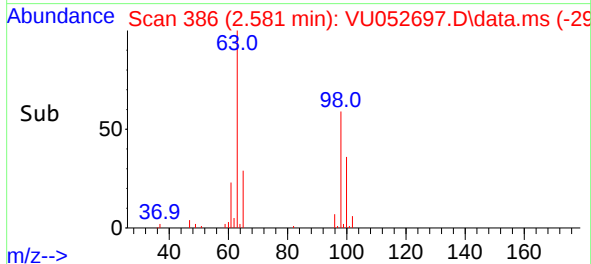
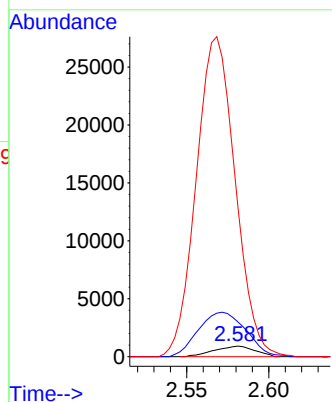
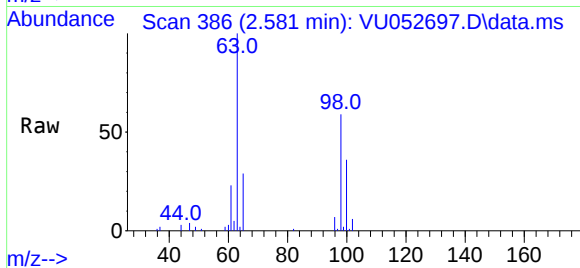
Tgt Ion: 96 Resp: 1576

Ion Ratio Lower Upper

96 100

61 326.9 129.6 240.8#

63 1403.8 83.7 155.5#



#13

Acetone

Concen: 34.067 ug/L

RT: 2.633 min Scan# 402

Delta R.T. -0.029 min

Lab File: VU052697.D

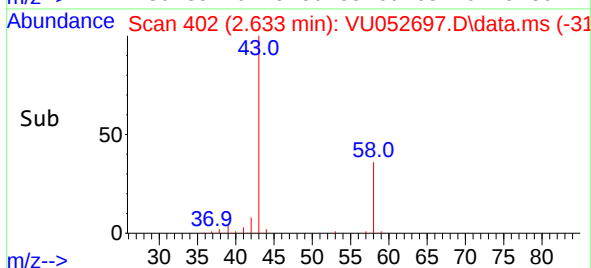
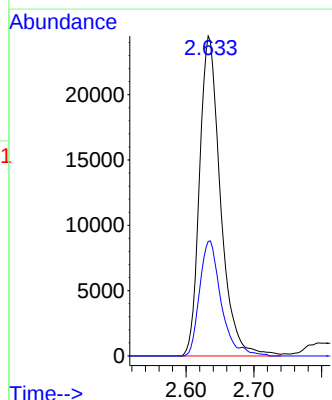
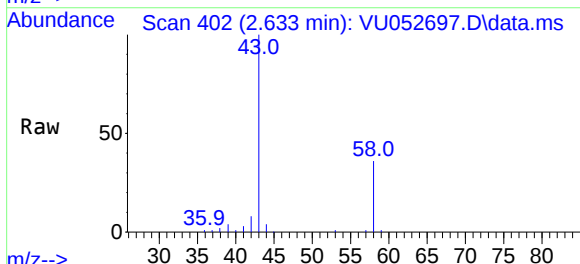
Acq: 16 Jan 2023 12:43

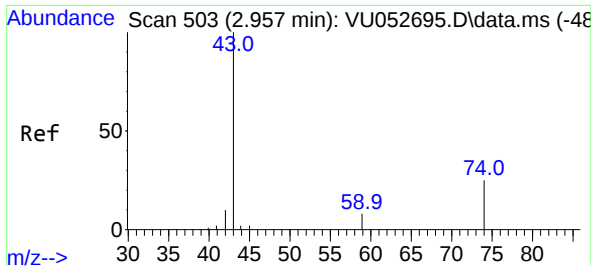
Tgt Ion: 43 Resp: 52546

Ion Ratio Lower Upper

43 100

58 36.9 0.0 68.8

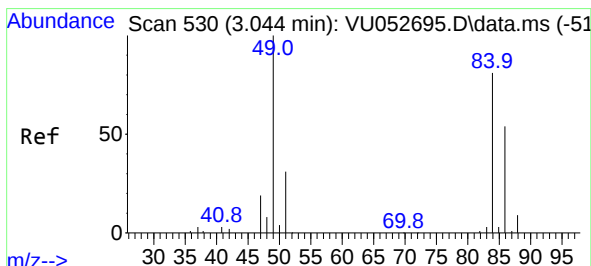
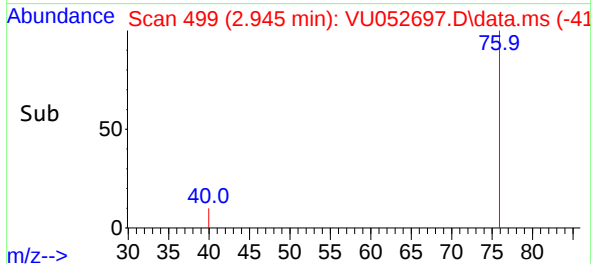
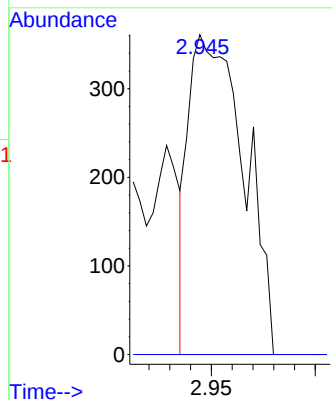
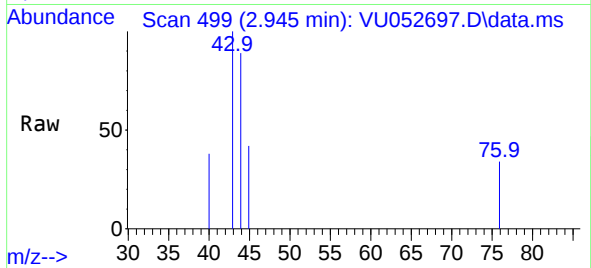




#15
Methyl Acetate
Concen: 0.180 ug/L
RT: 2.945 min Scan# 499
Delta R.T. -0.013 min
Lab File: VU052697.D
Acq: 16 Jan 2023 12:43

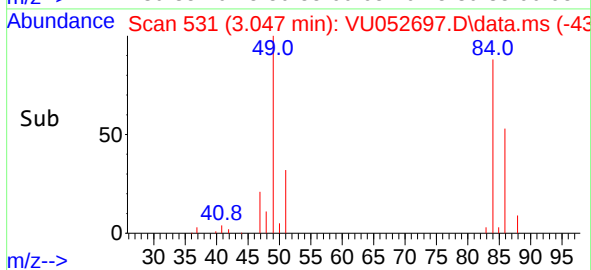
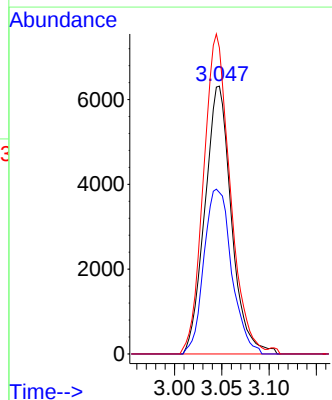
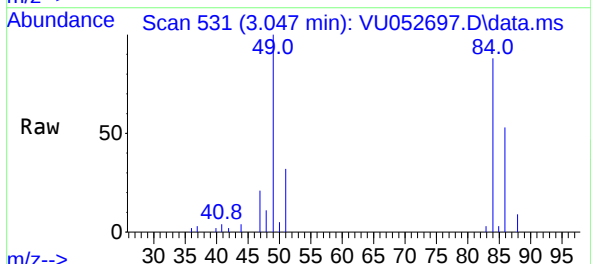
Instrument :
MSVOA_U
ClientSampleId :
BH1Z1

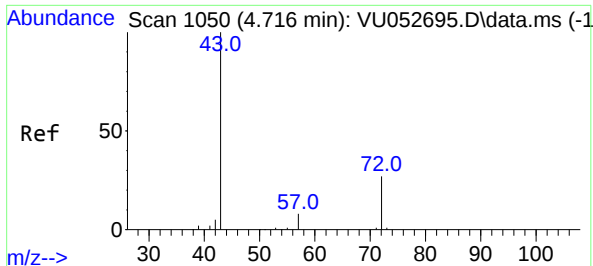
Tgt Ion: 43 Resp: 667
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#16
Methylene chloride
Concen: 1.170 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU052697.D
Acq: 16 Jan 2023 12:43

Tgt Ion: 84 Resp: 12358
Ion Ratio Lower Upper
84 100
86 60.3 45.6 84.6
49 114.2 94.8 176.0

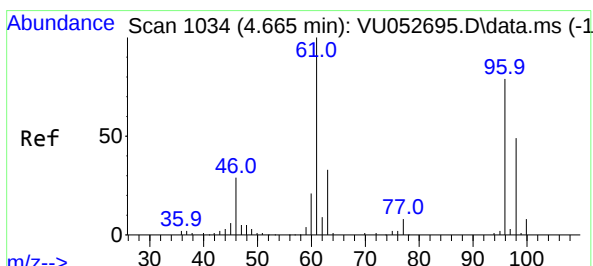
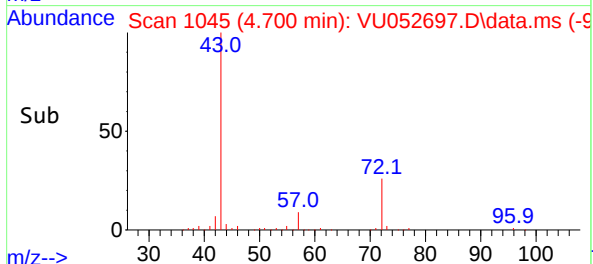
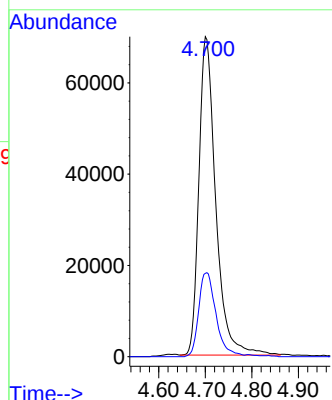
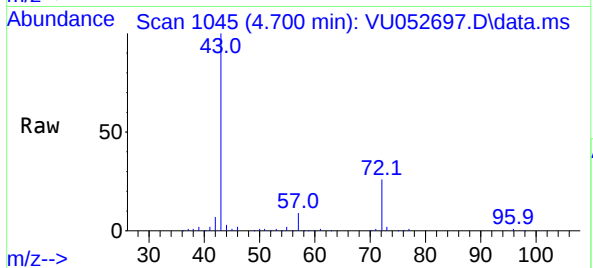




#21
2-Butanone
Concen: 70.812 ug/L
RT: 4.700 min Scan# 1045
Delta R.T. -0.016 min
Lab File: VU052697.D
Acq: 16 Jan 2023 12:43

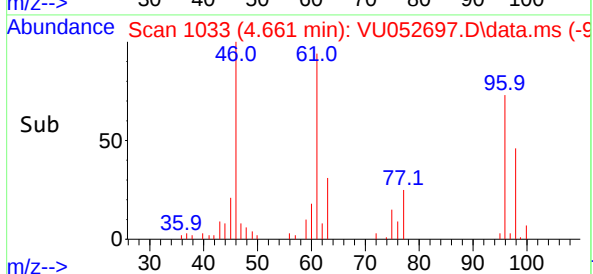
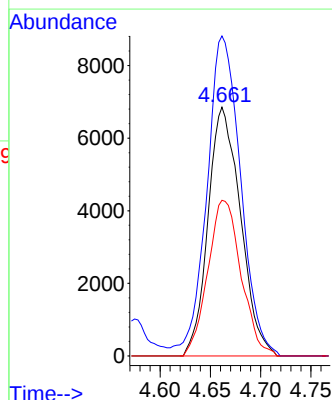
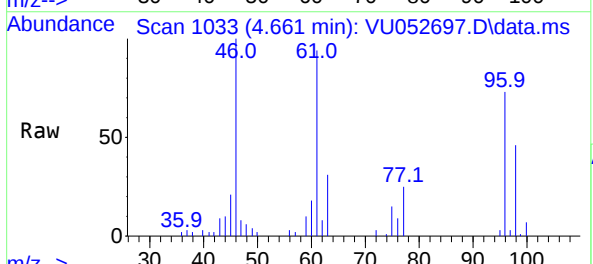
Instrument :
MSVOA_U
ClientSampleId :
BH1Z1

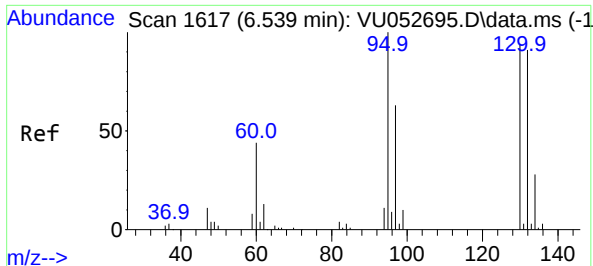
Tgt Ion: 43 Resp: 175824
Ion Ratio Lower Upper
43 100
72 27.0 12.9 38.6



#22
cis-1,2-Dichloroethene
Concen: 1.769 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU052697.D
Acq: 16 Jan 2023 12:43

Tgt Ion: 96 Resp: 15379
Ion Ratio Lower Upper
96 100
61 128.6 94.6 175.8
98 62.6 43.3 80.3

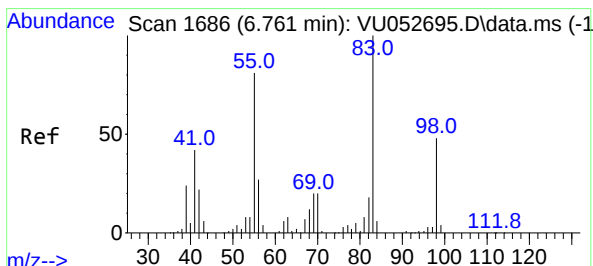
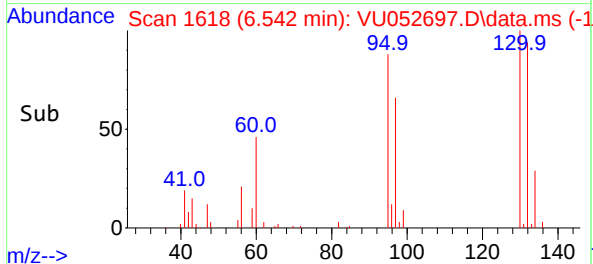
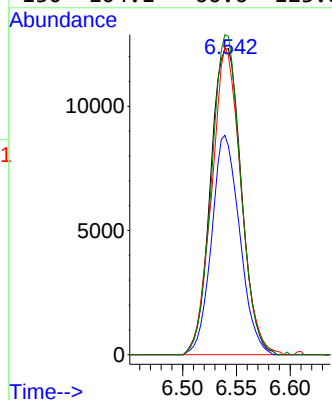
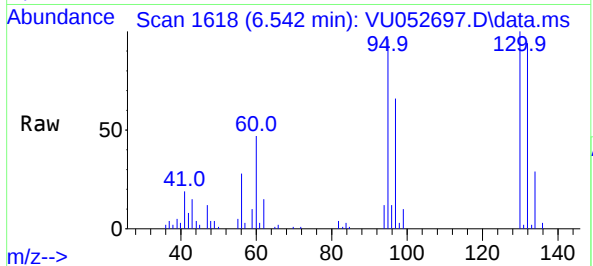




#34
Trichloroethene
Concen: 2.903 ug/L
RT: 6.542 min Scan# 1617
Delta R.T. 0.003 min
Lab File: VU052697.D
Acq: 16 Jan 2023 12:43

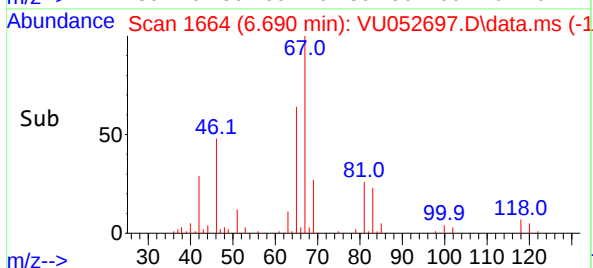
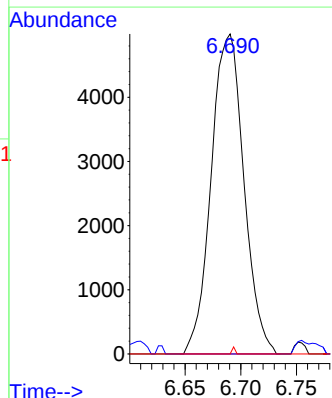
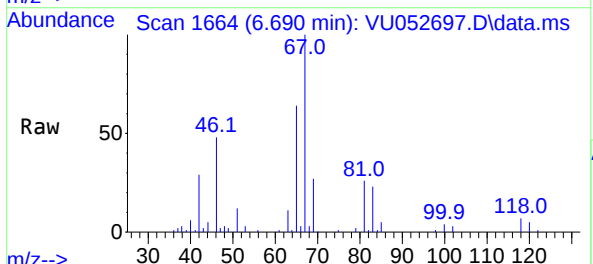
Instrument :
MSVOA_U
ClientSampleId :
BH1Z1

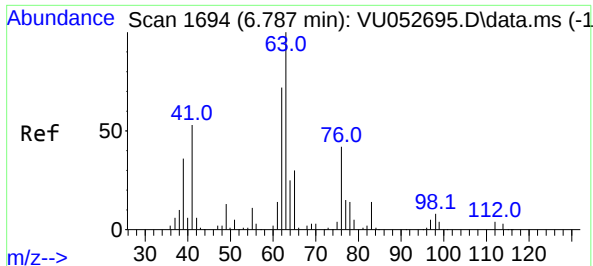
Tgt Ion: 95 Resp: 24435
Ion Ratio Lower Upper
95 100
97 68.2 46.0 85.4
132 97.9 64.0 118.8
130 104.1 66.6 123.8



#35
Methylcyclohexane
Concen: 0.733 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.068 min
Lab File: VU052697.D
Acq: 16 Jan 2023 12:43

Tgt Ion: 83 Resp: 10194
Ion Ratio Lower Upper
83 100
55 2.7 67.6 101.4#
98 0.0 37.1 55.7#

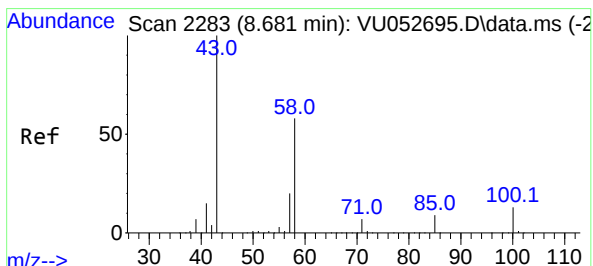
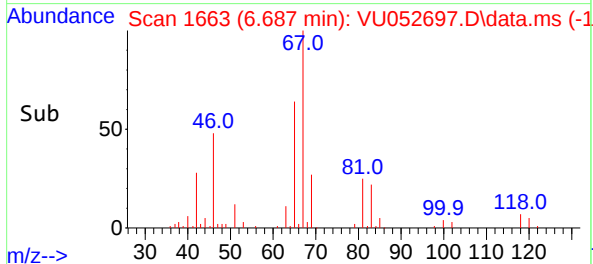
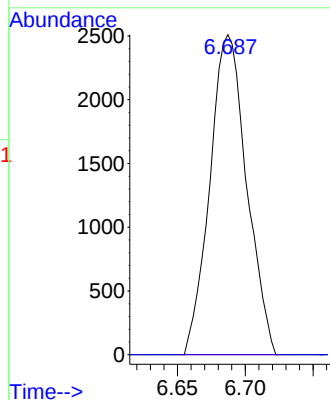
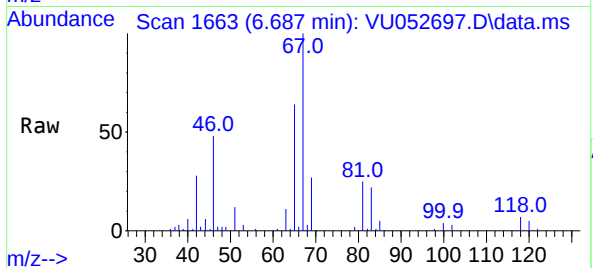




#37
1,2-Dichloropropane
Concen: 0.497 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU052697.D
Acq: 16 Jan 2023 12:43

Instrument :
MSVOA_U
ClientSampleId :
BH1Z1

Tgt Ion: 63 Resp: 4743
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



#48
2-Hexanone
Concen: 1.140 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. 0.006 min
Lab File: VU052697.D
Acq: 16 Jan 2023 12:43

Tgt Ion: 43 Resp: 4560
Ion Ratio Lower Upper
43 100
58 41.8 45.1 67.7#
57 17.2 15.1 22.7
100 9.4 9.0 13.4

