

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011323\
 Data File : VU052688.D
 Acq On : 13 Jan 2023 18:33
 Operator : JC/MD
 Sample : 01139-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1Y5

Quant Time: Jan 13 22:28:01 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)

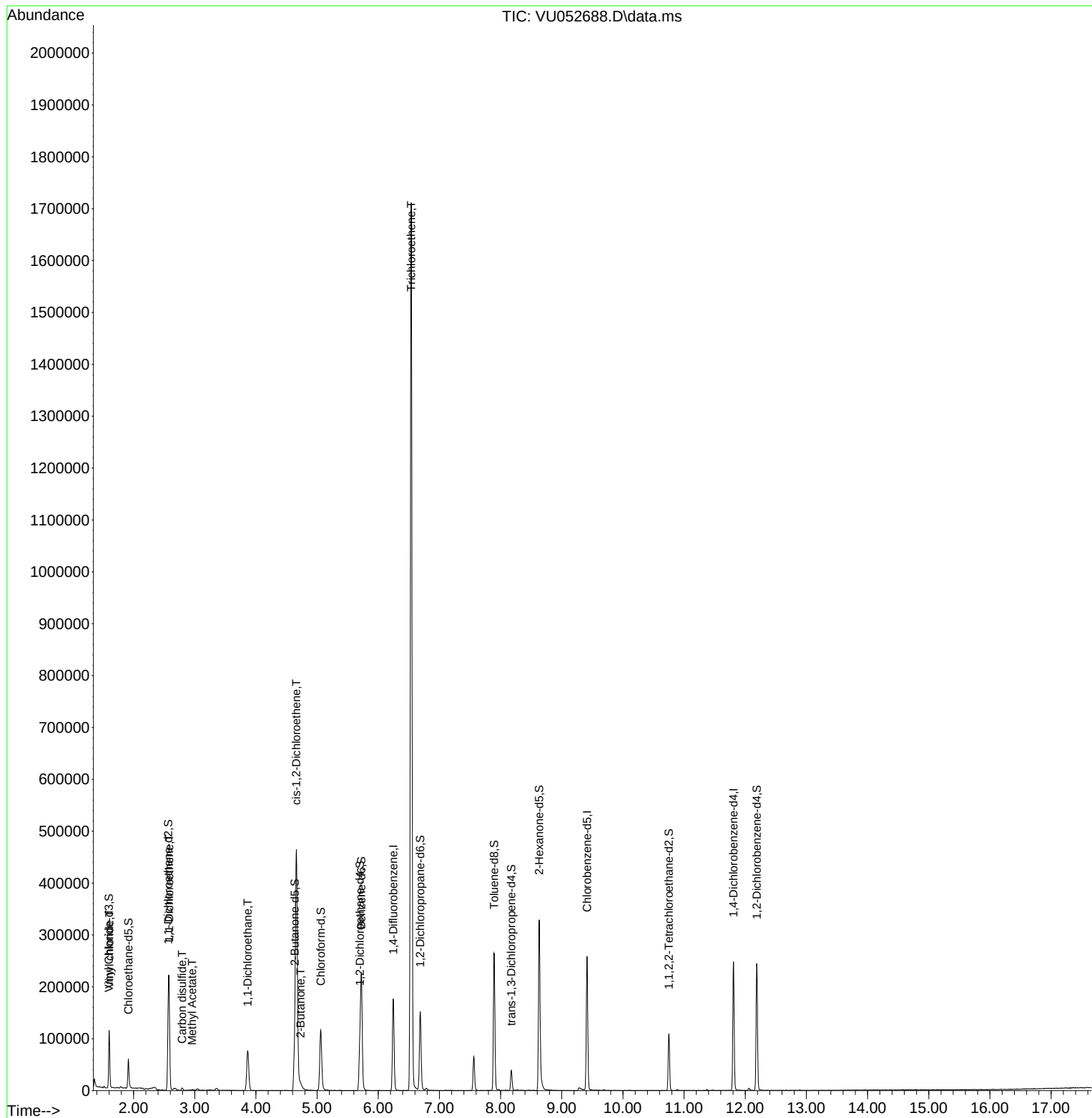
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	141254	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	143356	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	64208	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48019	3.869	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.916	69	42487	4.202	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.568	65	21944	4.015	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.400%
20) 2-Butanone-d5	4.636	46	153814	46.356	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.720%
24) Chloroform-d	5.060	84	109742	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.700	65	57338	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.723	84	212369	4.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.687	67	72225	4.665	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.896	98	176496	4.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.176	79	21943	3.811	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.632	63	110367	46.142	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.280%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	54257	4.577	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	63105	5.399	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	37739	2.140	ug/L	92
12) 1,1-Dichloroethene	2.581	96	51061	4.169	ug/L	92
14) Carbon disulfide	2.793	76	6663	0.157	ug/L	98
15) Methyl Acetate	2.957	43	1929	0.338	ug/L #	72
19) 1,1-Dichloroethane	3.864	63	90324	3.483	ug/L	98
21) 2-Butanone	4.729	43	25298	6.604	ug/L #	65
22) cis-1,2-Dichloroethene	4.661	96	218841	16.316	ug/L	98
34) Trichloroethene	6.539	95	586369	43.687	ug/L	97

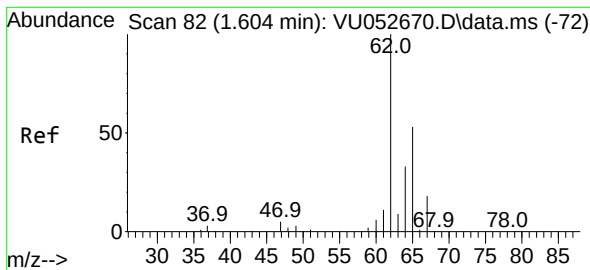
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.140 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU052688.D

Acq: 13 Jan 2023 18:33

Instrument :

MSVOA_U

ClientSampleId :

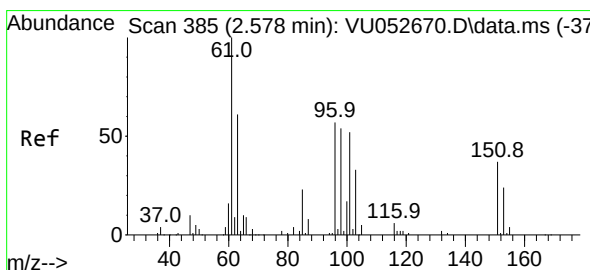
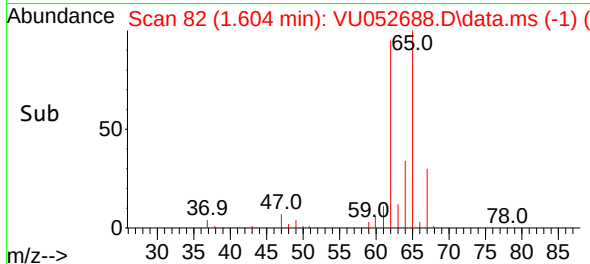
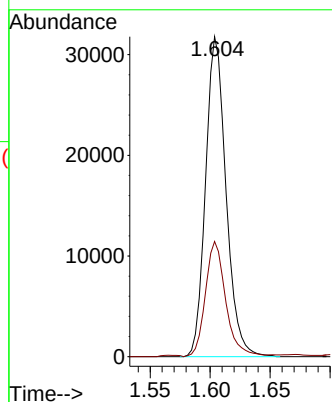
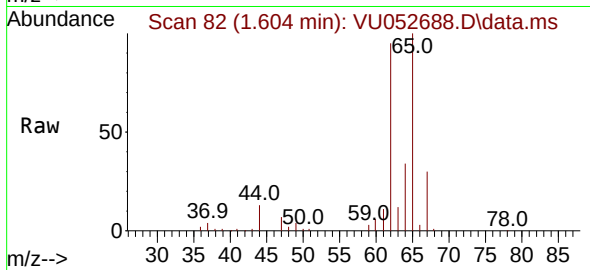
BH1Y5

Tgt Ion: 62 Resp: 37739

Ion Ratio Lower Upper

62 100

64 36.0 22.3 41.3



#12

1,1-Dichloroethene

Concen: 4.169 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.000 min

Lab File: VU052688.D

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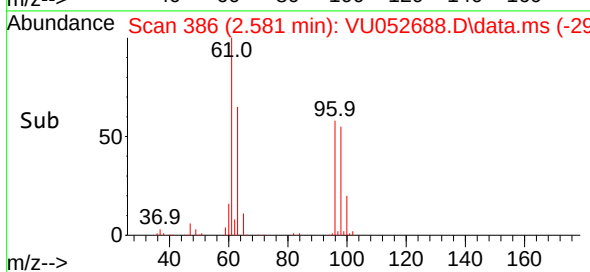
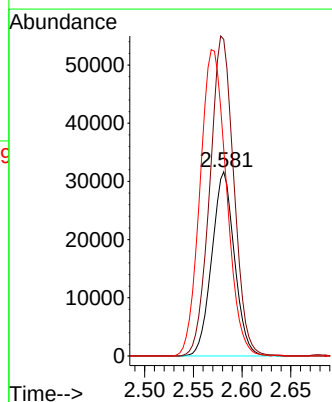
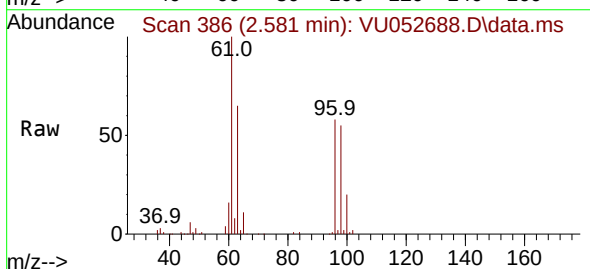
Tgt Ion: 96 Resp: 51061

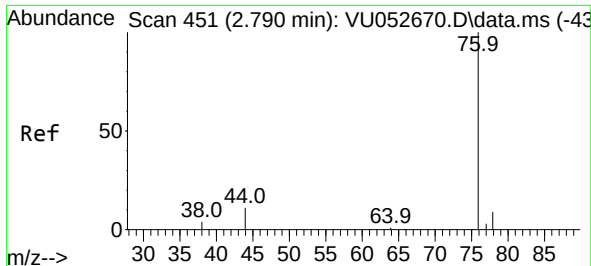
Ion Ratio Lower Upper

96 100

61 172.0 129.6 240.8

63 112.4 83.7 155.5





#14

Carbon disulfide

Concen: 0.157 ug/L

RT: 2.793 min Scan# 4

Delta R.T. -0.000 min

Lab File: VU052688.D

Acq: 13 Jan 2023 18:33

Instrument :

MSVOA_U

ClientSampleId :

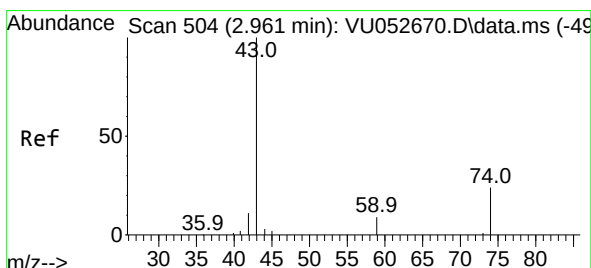
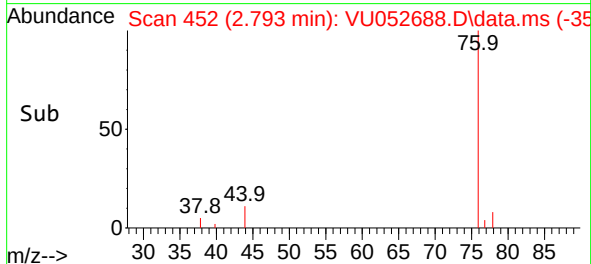
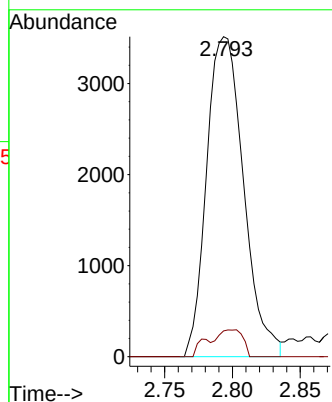
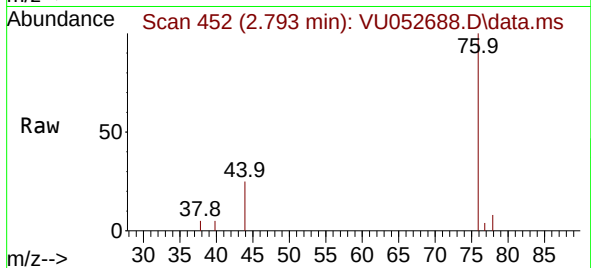
BH1Y5

Tgt Ion: 76 Resp: 6663

Ion Ratio Lower Upper

76 100

78 8.1 7.0 10.6



#15

Methyl Acetate

Concen: 0.338 ug/L

RT: 2.957 min Scan# 503

Delta R.T. -0.000 min

Lab File: VU052688.D

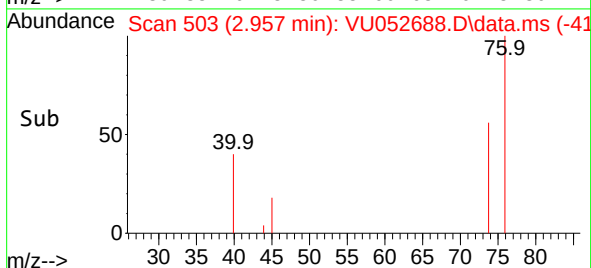
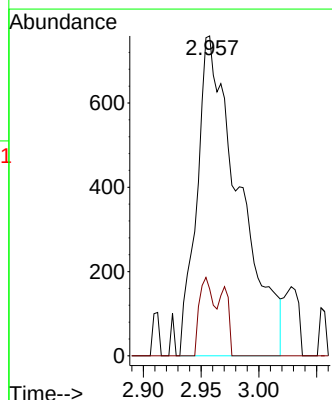
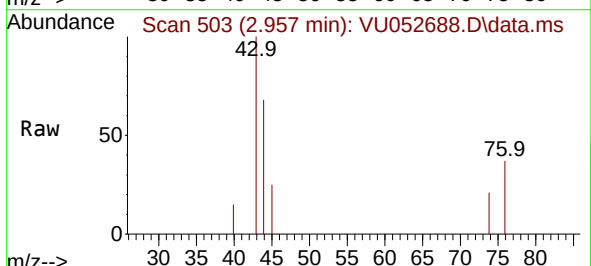
Acq: 13 Jan 2023 18:33

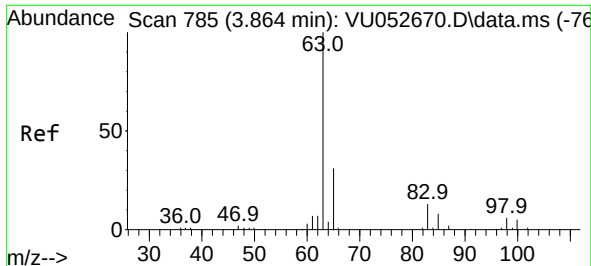
Tgt Ion: 43 Resp: 1929

Ion Ratio Lower Upper

43 100

74 8.6 17.5 26.3#





#19

1,1-Dichloroethane

Concen: 3.483 ug/L

RT: 3.864 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU052688.D

Acq: 13 Jan 2023 18:33

Instrument :

MSVOA_U

ClientSampleId :

BH1Y5

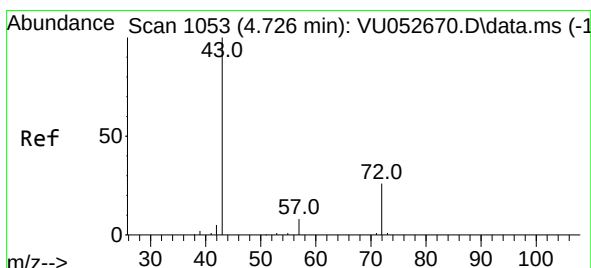
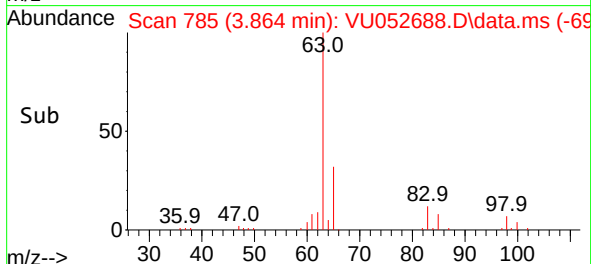
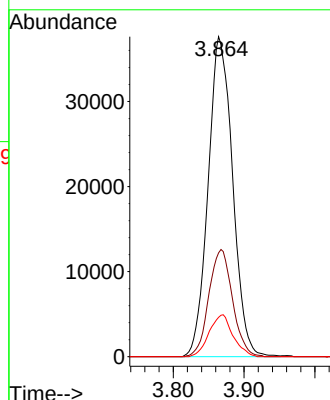
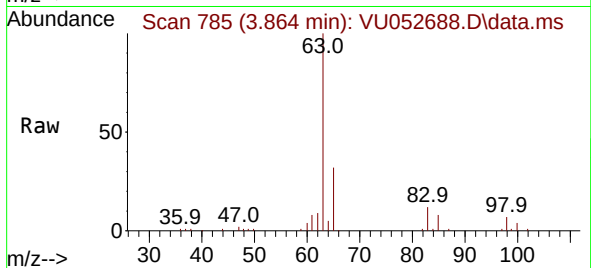
Tgt Ion: 63 Resp: 90324

Ion Ratio Lower Upper

63 100

65 32.5 22.0 41.0

83 12.3 8.9 16.5



#21

2-Butanone

Concen: 6.604 ug/L

RT: 4.729 min Scan# 1054

Delta R.T. 0.013 min

Lab File: VU052688.D

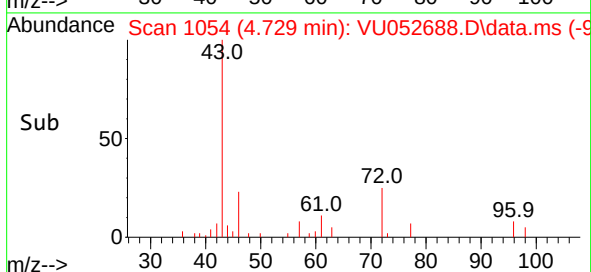
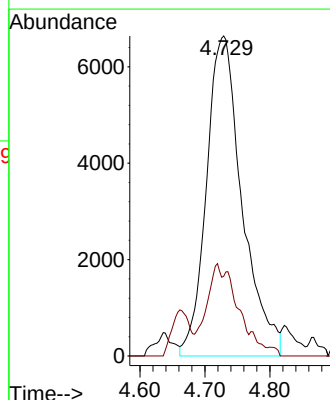
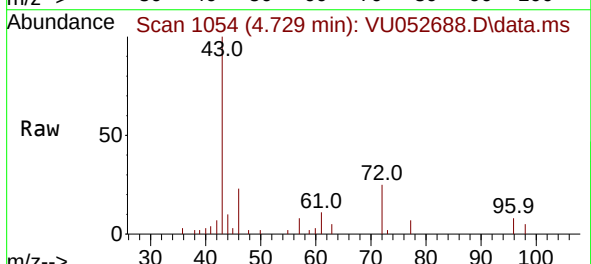
Acq: 13 Jan 2023 18:33

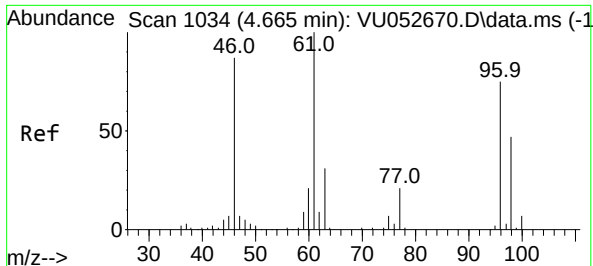
Tgt Ion: 43 Resp: 25298

Ion Ratio Lower Upper

43 100

72 7.8 12.9 38.6#

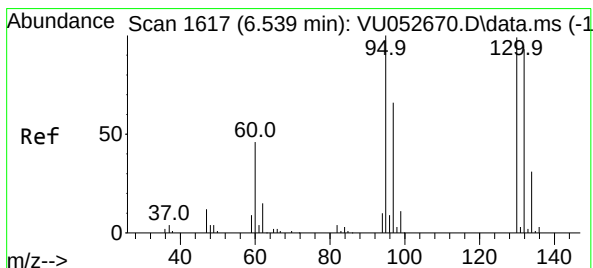
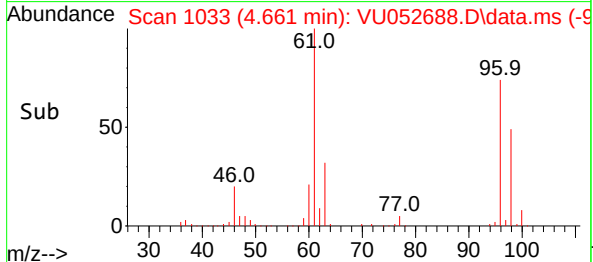
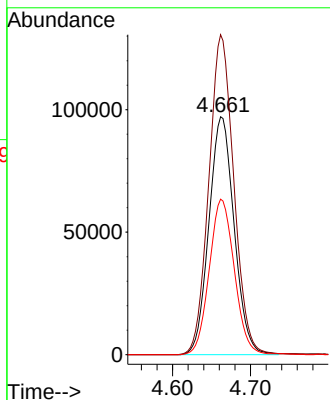
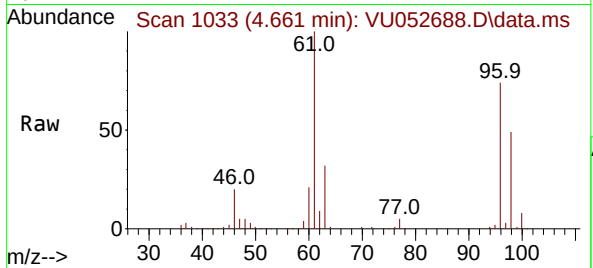




#22
cis-1,2-Dichloroethene
Concen: 16.316 ug/L
RT: 4.661 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU052688.D
Acq: 13 Jan 2023 18:33

Instrument :
MSVOA_U
ClientSampleId :
BH1Y5

Tgt Ion: 96 Resp: 218841
Ion Ratio Lower Upper
96 100
61 134.5 94.6 175.8
98 65.4 43.3 80.3



#34
Trichloroethene
Concen: 43.687 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052688.D
Acq: 13 Jan 2023 18:33

Tgt Ion: 95 Resp: 586369
Ion Ratio Lower Upper
95 100
97 64.4 46.0 85.4
132 93.9 64.0 118.8
130 98.6 66.6 123.8

