

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011323\
 Data File : VU052690.D
 Acq On : 13 Jan 2023 19:20
 Operator : JC/MD
 Sample : 01138-06 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1W9

Quant Time: Jan 13 22:28:18 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)

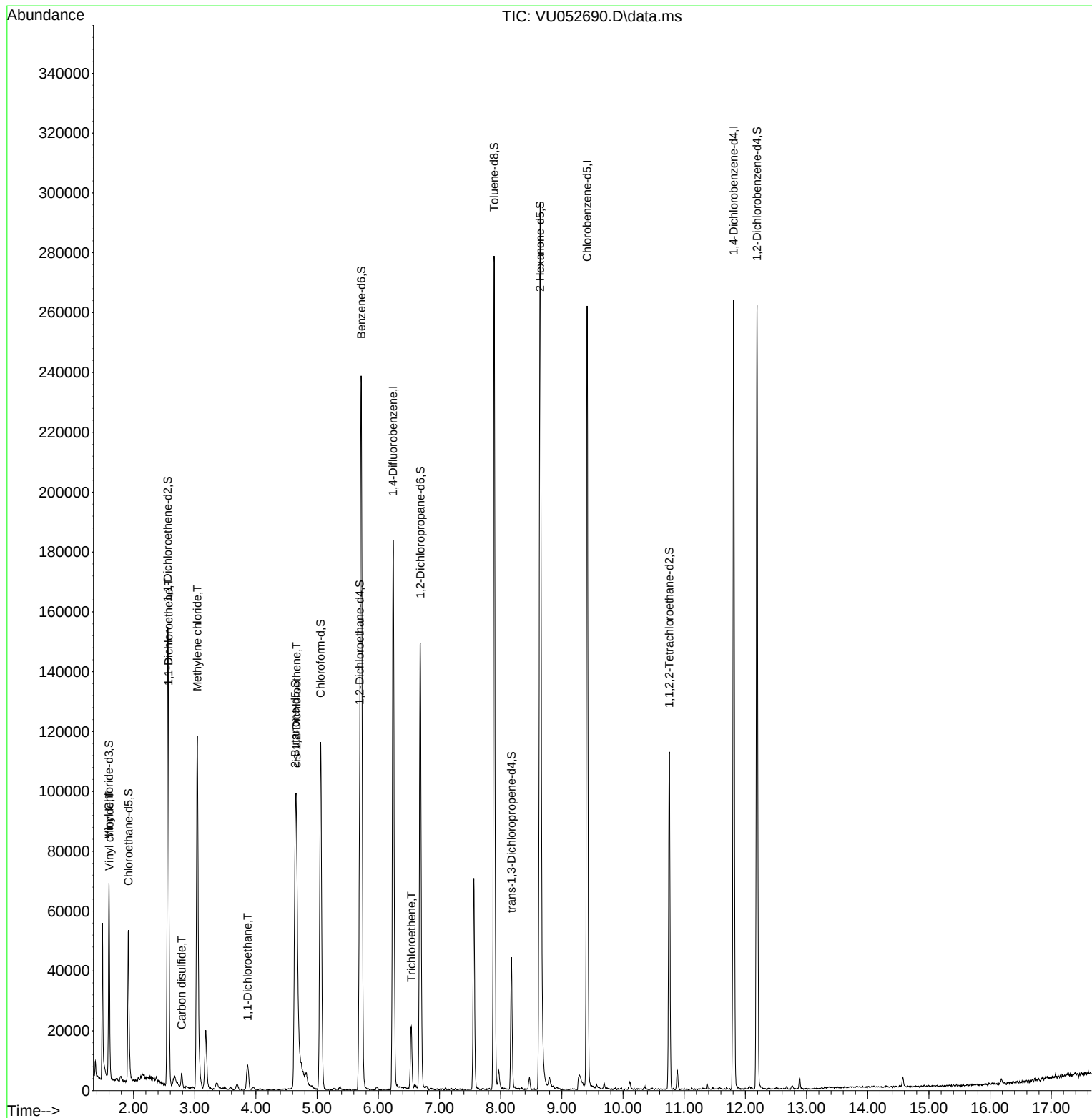
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	147432	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	142706	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	68577	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	47903	3.698	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.000%	
7) Chloroethane-d5	1.916	69	43430	4.116	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.400%	
11) 1,1-Dichloroethene-d2	2.559	65	24451	4.287	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.800%	
20) 2-Butanone-d5	4.645	46	164370	47.462	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	94.920%	
24) Chloroform-d	5.057	84	109104	4.516	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
26) 1,2-Dichloroethane-d4	5.697	65	58533	4.717	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.400%	
32) Benzene-d6	5.723	84	222205	4.804	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
36) 1,2-Dichloropropane-d6	6.687	67	72940	4.732	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.600%	
41) Toluene-d8	7.893	98	182427	4.473	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.400%	
43) trans-1,3-Dichloroprop...	8.176	79	24945	4.352	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.000%	
46) 2-Hexanone-d5	8.645	63	127948	53.735	ug/L	0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.480%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	56299	4.771	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	67302	5.391	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.800%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	3303	0.179	ug/L #	62
12) 1,1-Dichloroethene	2.572	96	16787	1.313	ug/L #	28
14) Carbon disulfide	2.787	76	6001	0.136	ug/L	100
16) Methylene chloride	3.041	84	61380	3.609	ug/L	92
19) 1,1-Dichloroethane	3.864	63	10354	0.382	ug/L	97
22) cis-1,2-Dichloroethene	4.662	96	17809	1.272	ug/L	93
34) Trichloroethene	6.539	95	7199	0.539	ug/L	93

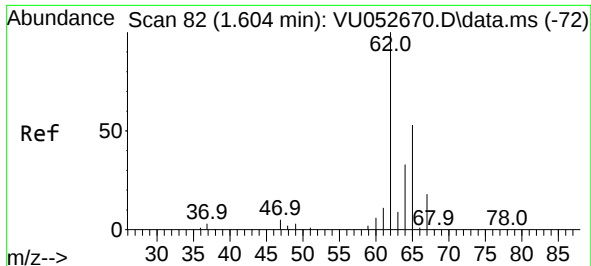
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011323\
Data File : VU052690.D
Acq On : 13 Jan 2023 19:20
Operator : JC/MD
Sample : 01138-06 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH1W9

Quant Time: Jan 13 22:28:18 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

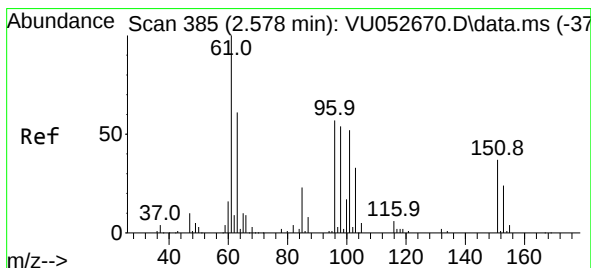
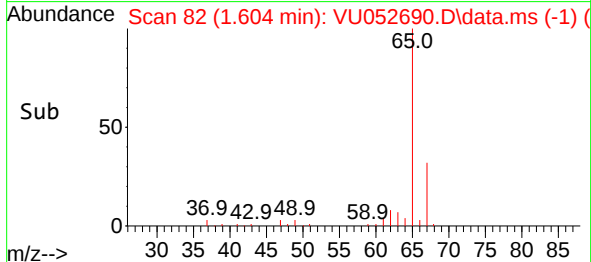
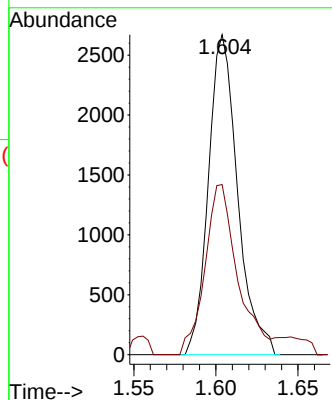
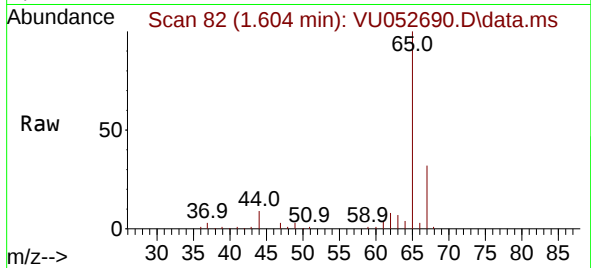




#5
 Vinyl chloride
 Concen: 0.179 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU052690.D
 Acq: 13 Jan 2023 19:20

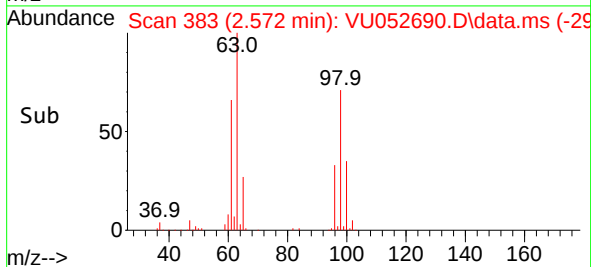
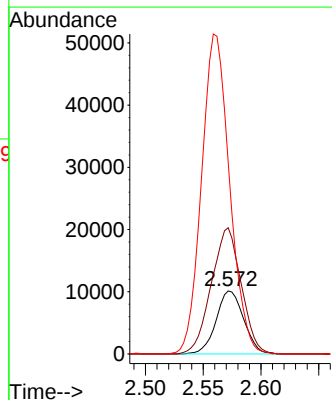
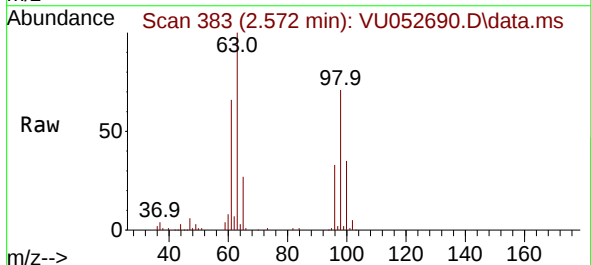
Instrument :
 MSVOA_U
 ClientSampleId :
 BH1W9

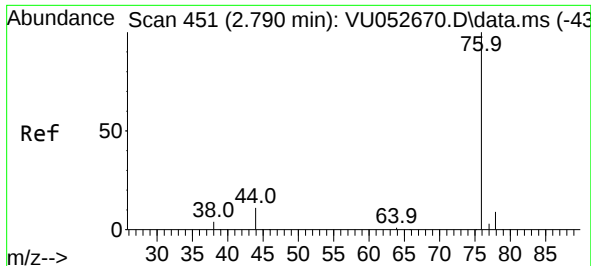
Tgt Ion: 62 Resp: 3303
 Ion Ratio Lower Upper
 62 100
 64 53.2 22.3 41.3#



#12
 1,1-Dichloroethene
 Concen: 1.313 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.010 min
 Lab File: VU052690.D
 Acq: 13 Jan 2023 19:20

Tgt Ion: 96 Resp: 16787
 Ion Ratio Lower Upper
 96 100
 61 200.3 129.6 240.8
 63 304.2 83.7 155.5#





#14

Carbon disulfide

Concen: 0.136 ug/L

RT: 2.787 min Scan# 4

Delta R.T. -0.006 min

Lab File: VU052690.D

Acq: 13 Jan 2023 19:20

Instrument :

MSVOA_U

ClientSampleId :

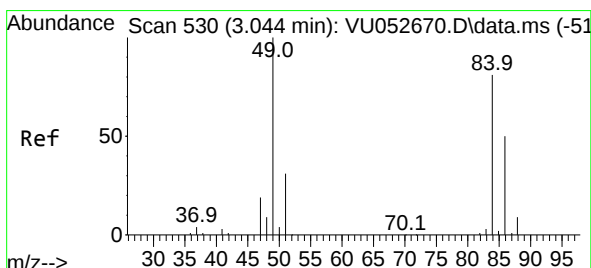
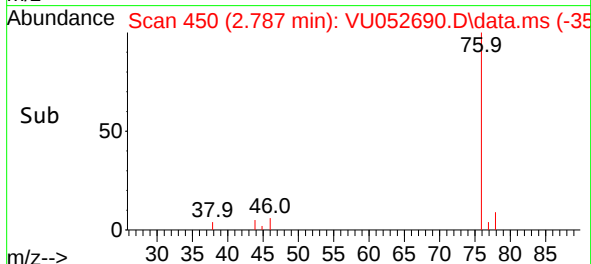
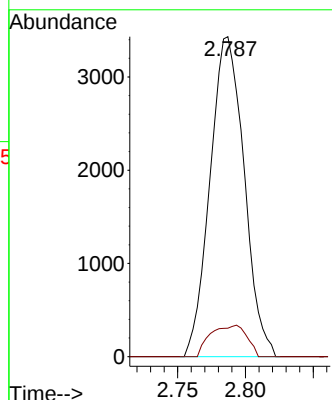
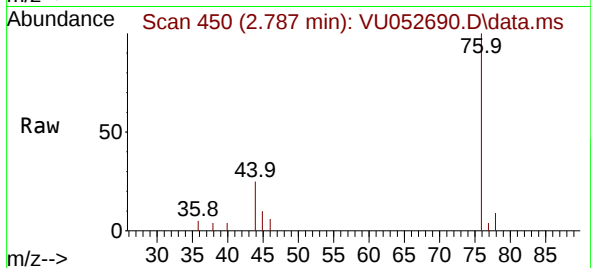
BH1W9

Tgt Ion: 76 Resp: 6001

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6



#16

Methylene chloride

Concen: 3.609 ug/L

RT: 3.041 min Scan# 529

Delta R.T. -0.003 min

Lab File: VU052690.D

Acq: 13 Jan 2023 19:20

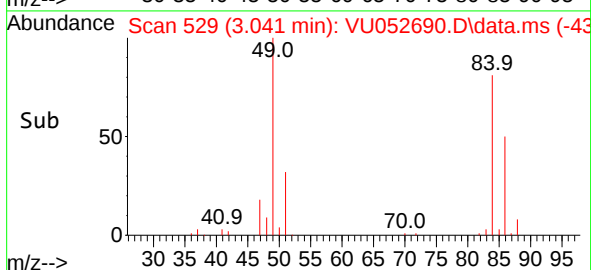
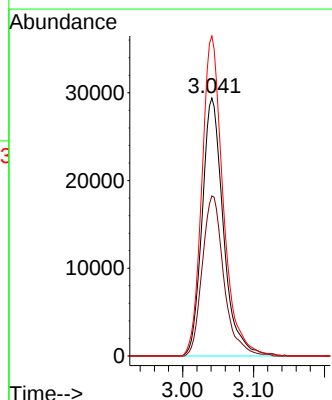
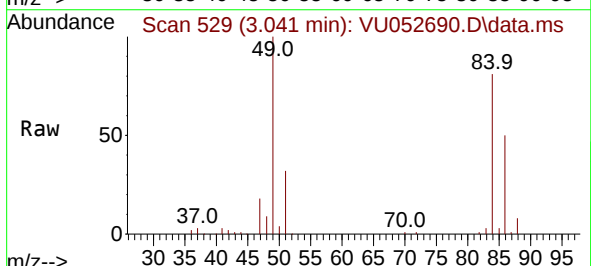
Tgt Ion: 84 Resp: 61380

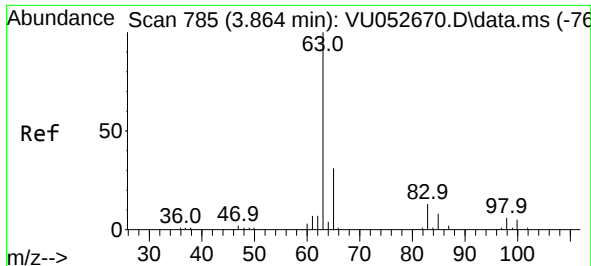
Ion Ratio Lower Upper

84 100

86 62.0 45.6 84.6

49 124.1 94.8 176.0





#19

1,1-Dichloroethane

Concen: 0.382 ug/L

RT: 3.864 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU052690.D

Acq: 13 Jan 2023 19:20

Instrument :

MSVOA_U

ClientSampleId :

BH1W9

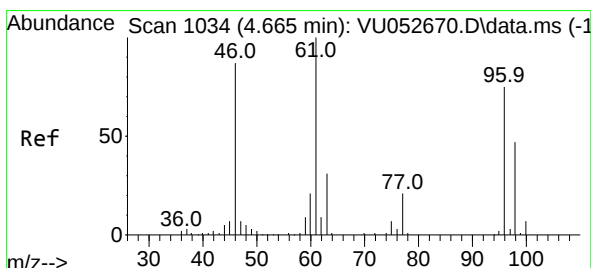
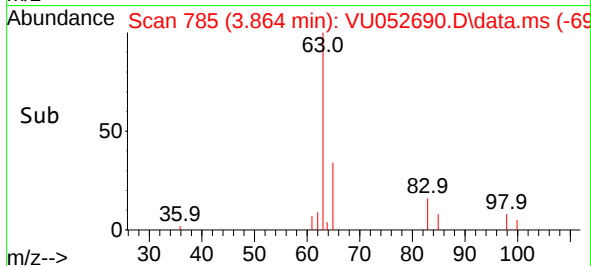
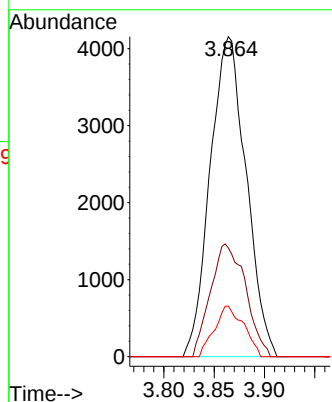
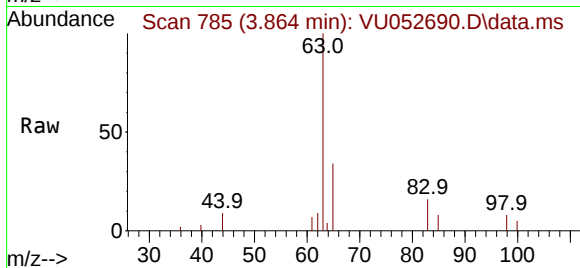
Tgt Ion: 63 Resp: 10354

Ion Ratio Lower Upper

63 100

65 32.6 22.0 41.0

83 15.2 8.9 16.5



#22

cis-1,2-Dichloroethene

Concen: 1.272 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU052690.D

Acq: 13 Jan 2023 19:20

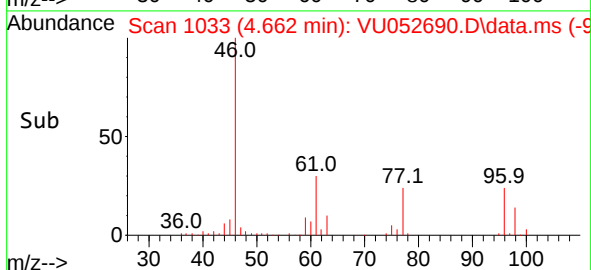
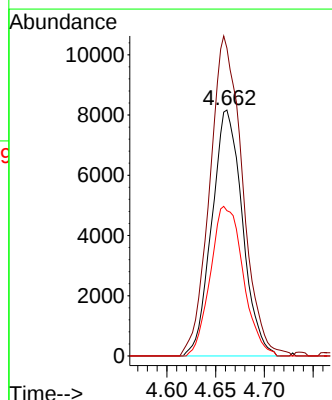
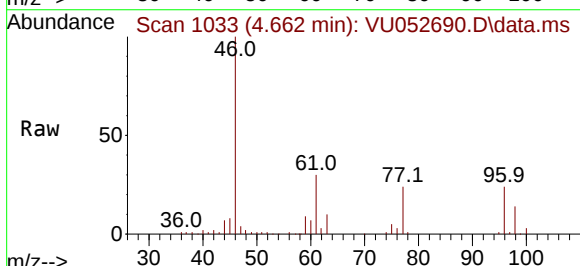
Tgt Ion: 96 Resp: 17809

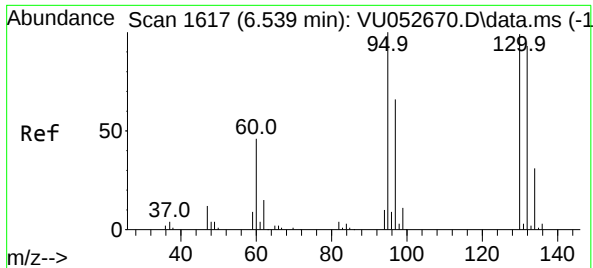
Ion Ratio Lower Upper

96 100

61 125.2 94.6 175.8

98 59.1 43.3 80.3





#34
 Trichloroethene
 Concen: 0.539 ug/L
 RT: 6.539 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VU052690.D
 Acq: 13 Jan 2023 19:20

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1W9

Tgt Ion: 95 Resp: 7199

Ion	Ratio	Lower	Upper
95	100		
97	51.5	46.0	85.4
132	88.4	64.0	118.8
130	91.1	66.6	123.8

