

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011323\
 Data File : VU052680.D
 Acq On : 13 Jan 2023 15:27
 Operator : JC/MD
 Sample : 01139-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1Y7

Quant Time: Jan 13 22:26:52 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)

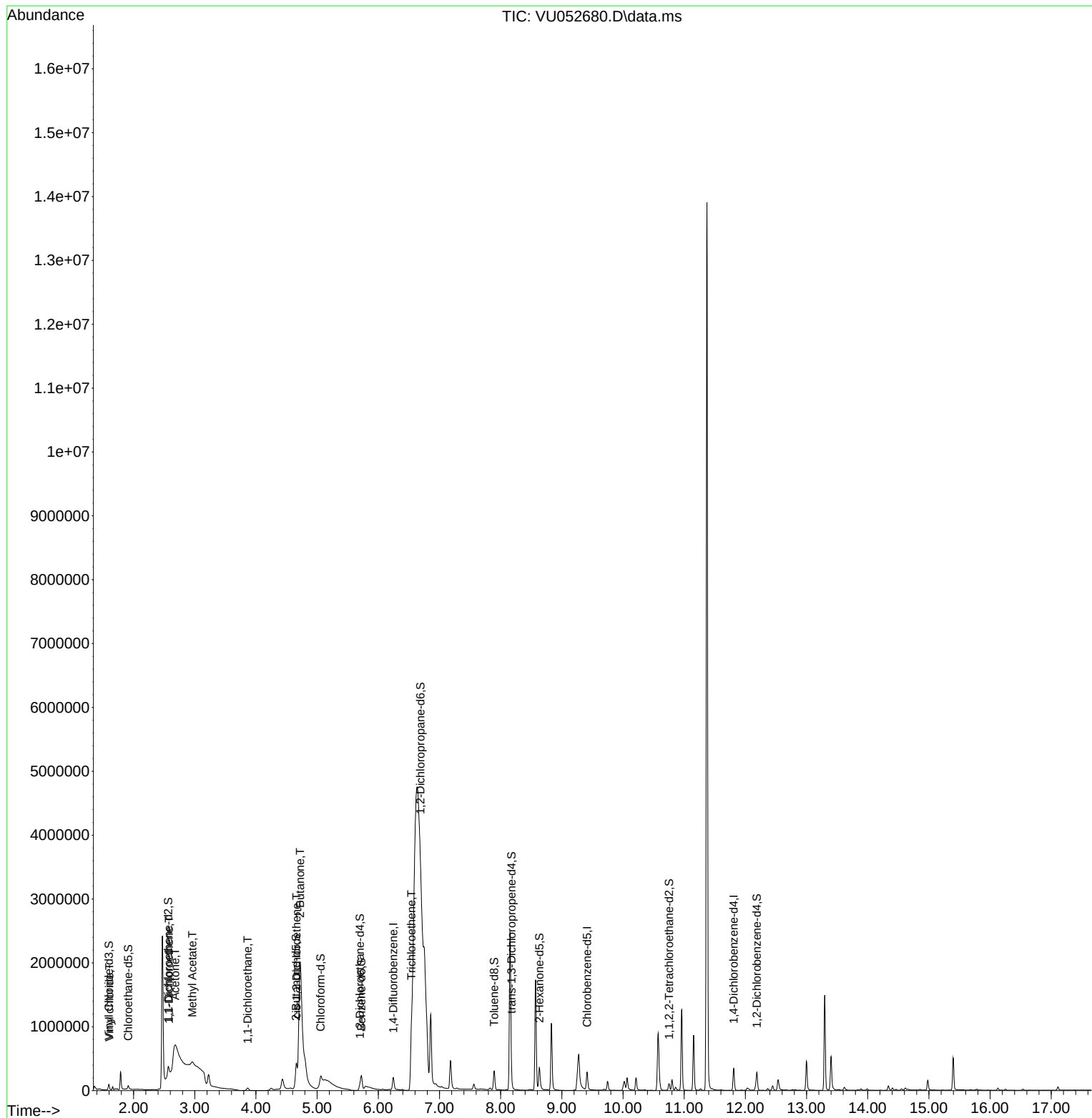
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	149488	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	145772	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	78381	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	47455	3.613	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.200%
7) Chloroethane-d5	1.913	69	43820	4.096	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.000%
11) 1,1-Dichloroethene-d2	2.565	65	23823	4.119	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	4.655	46	141085	40.178	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.360%
24) Chloroform-d	5.057	84	106866	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.700	65	55339	4.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.723	84	218684	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.687	67	72340	4.595	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.893	98	190986	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	8.176	79	28968	4.947	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.000%
46) 2-Hexanone-d5	8.632	63	132293	54.392	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.780%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	53072	4.403	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	72231	5.062	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	10457	0.560	ug/L	95
12) 1,1-Dichloroethene	2.578	96	11122	0.858	ug/L #	1
13) Acetone	2.681	43	2374988	943.048	ug/L	78
15) Methyl Acetate	2.961	43	119646	19.816	ug/L #	90
19) 1,1-Dichloroethane	3.864	63	45581	1.661	ug/L	98
21) 2-Butanone	4.723	43	6010617	1482.606	ug/L	100
22) cis-1,2-Dichloroethene	4.662	96	187693	13.223	ug/L	98
34) Trichloroethene	6.539	95	181999	13.335	ug/L	98

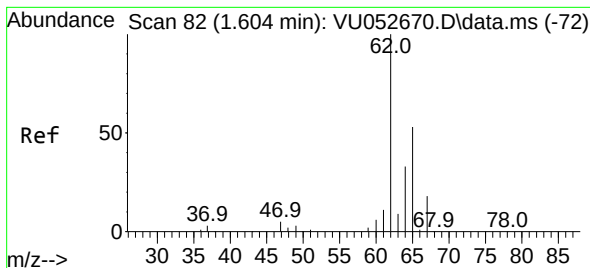
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.560 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU052680.D

Acq: 13 Jan 2023 15:27

Instrument :

MSVOA_U

ClientSampleId :

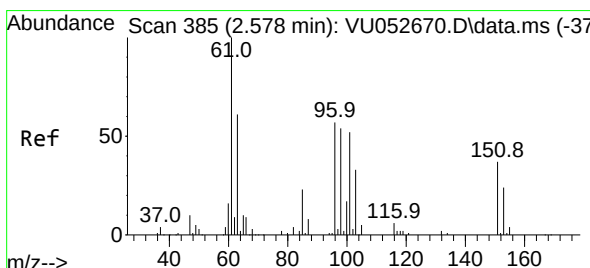
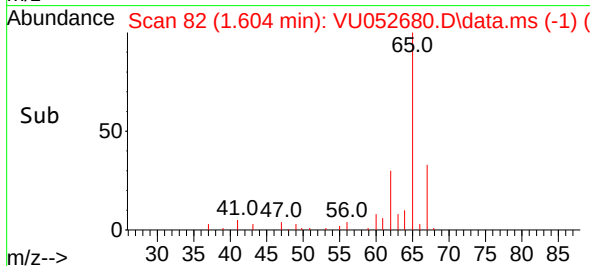
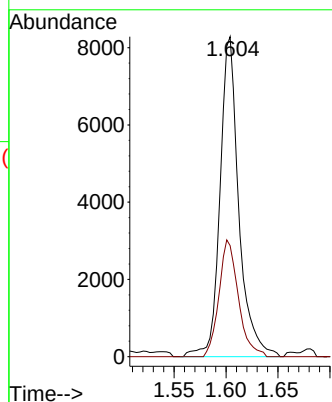
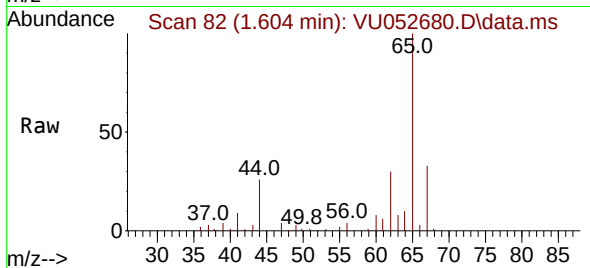
BH1Y7

Tgt Ion: 62 Resp: 10457

Ion Ratio Lower Upper

62 100

64 34.7 22.3 41.3



#12

1,1-Dichloroethene

Concen: 0.858 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.003 min

Lab File: VU052680.D

Acq: 13 Jan 2023 15:27

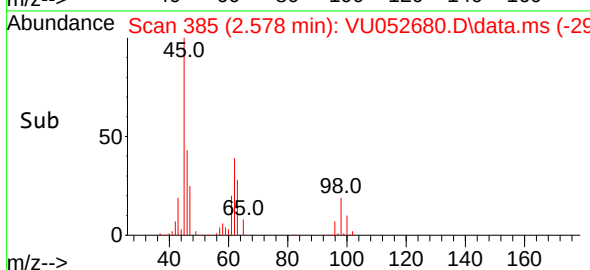
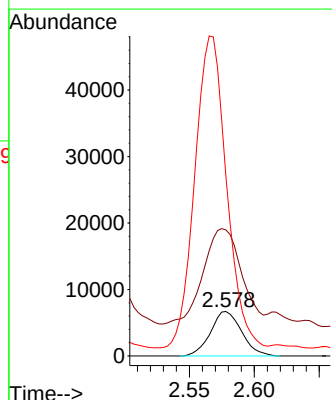
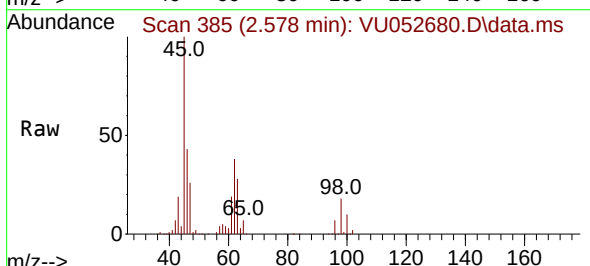
Tgt Ion: 96 Resp: 11122

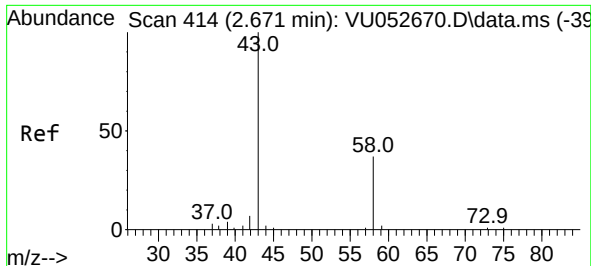
Ion Ratio Lower Upper

96 100

61 283.2 129.6 240.8#

63 406.4 83.7 155.5#

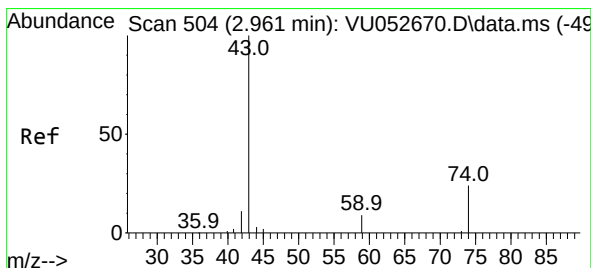
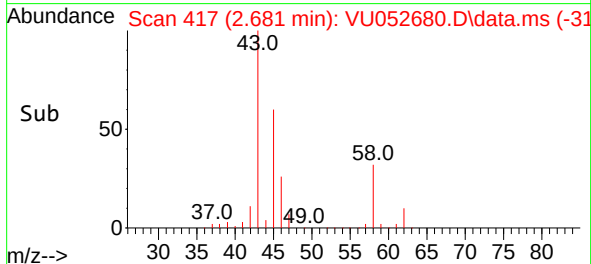
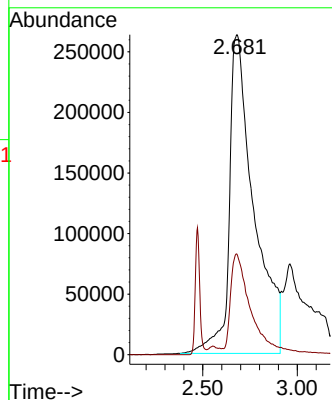
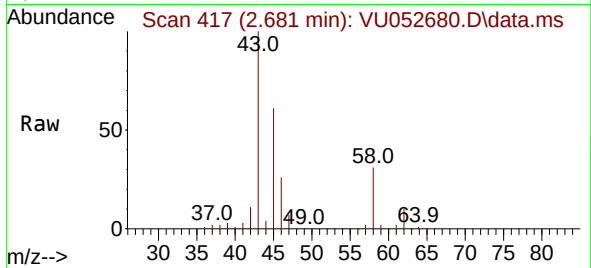




#13
Acetone
Concen: 943.048 ug/L
RT: 2.681 min Scan# 414
Delta R.T. 0.019 min
Lab File: VU052680.D
Acq: 13 Jan 2023 15:27

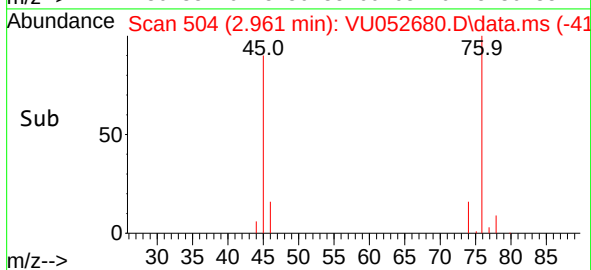
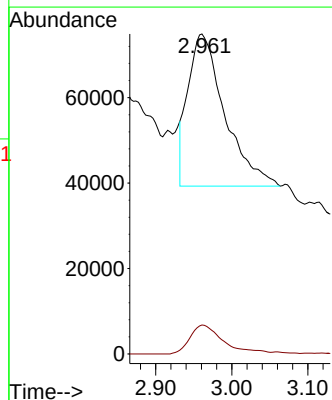
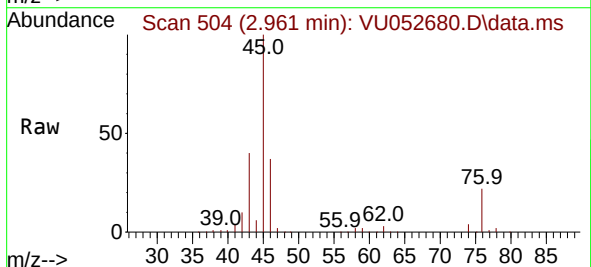
Instrument :
MSVOA_U
ClientSampleId :
BH1Y7

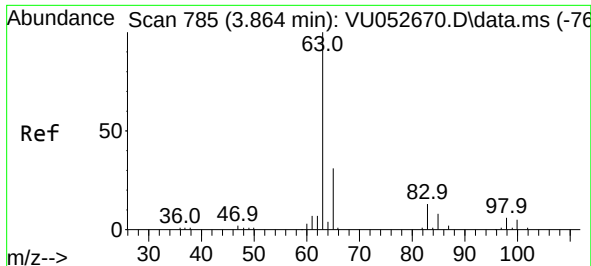
Tgt Ion: 43 Resp: 2374988
Ion Ratio Lower Upper
43 100
58 21.6 0.0 68.8



#15
Methyl Acetate
Concen: 19.816 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU052680.D
Acq: 13 Jan 2023 15:27

Tgt Ion: 43 Resp: 119646
Ion Ratio Lower Upper
43 100
74 17.3 17.5 26.3#





#19

1,1-Dichloroethane

Concen: 1.661 ug/L

RT: 3.864 min Scan# 785

Delta R.T. 0.000 min

Lab File: VU052680.D

Acq: 13 Jan 2023 15:27

Instrument :

MSVOA_U

ClientSampleId :

BH1Y7

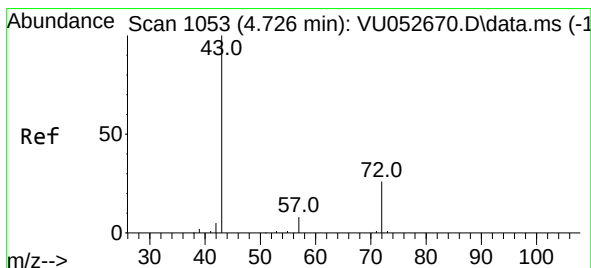
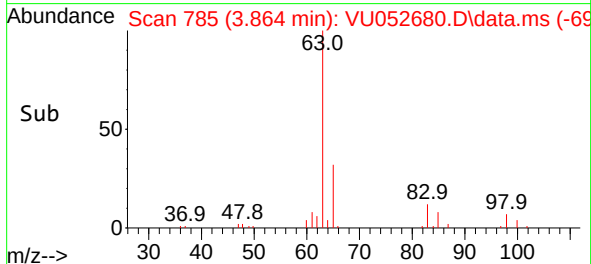
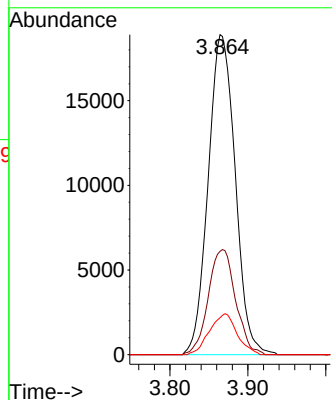
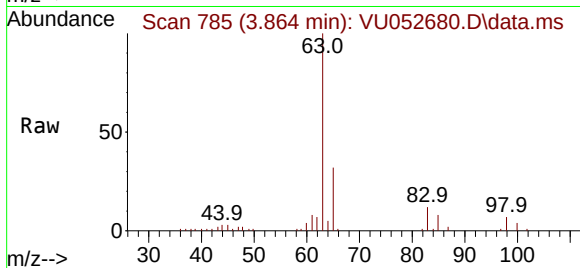
Tgt Ion: 63 Resp: 45581

Ion Ratio Lower Upper

63 100

65 32.3 22.0 41.0

83 11.6 8.9 16.5



#21

2-Butanone

Concen: 1482.606 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. 0.007 min

Lab File: VU052680.D

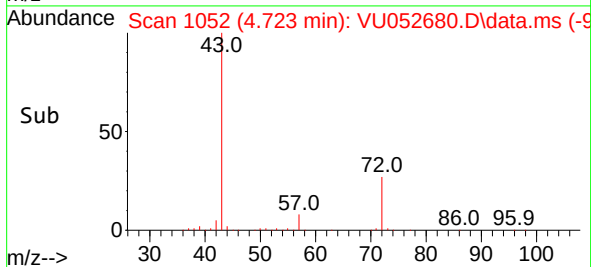
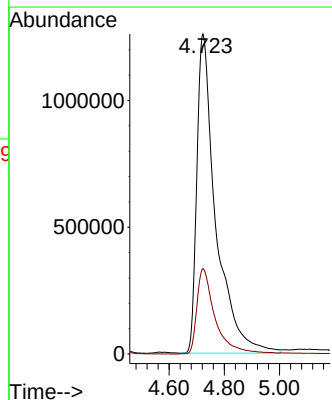
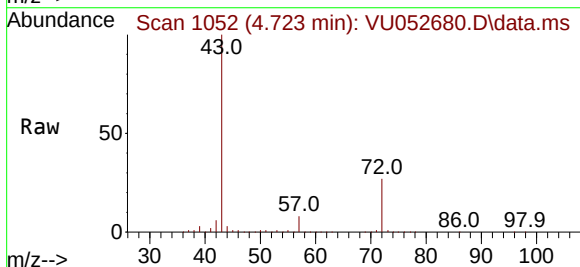
Acq: 13 Jan 2023 15:27

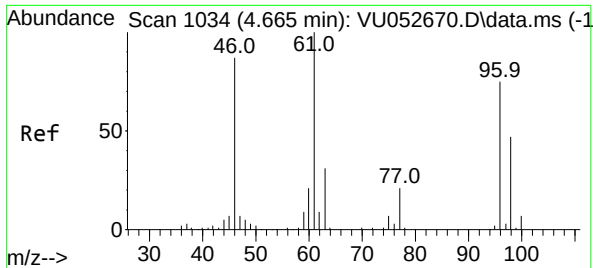
Tgt Ion: 43 Resp: 6010617

Ion Ratio Lower Upper

43 100

72 25.6 12.9 38.6

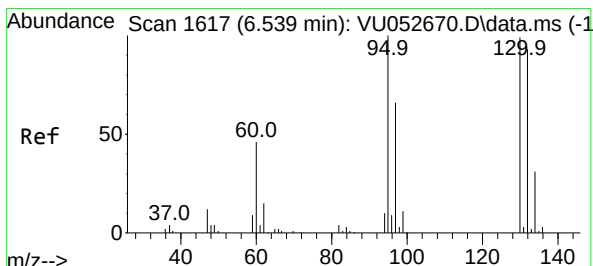
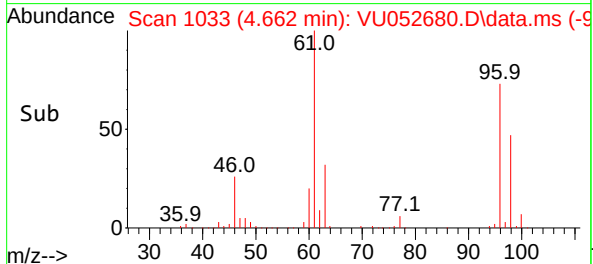
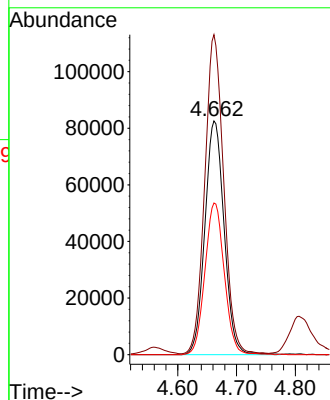
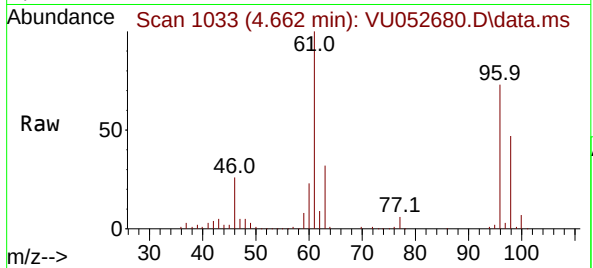




#22
 cis-1,2-Dichloroethene
 Concen: 13.223 ug/L
 RT: 4.662 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU052680.D
 Acq: 13 Jan 2023 15:27

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1Y7

Tgt Ion: 96 Resp: 187693
 Ion Ratio Lower Upper
 96 100
 61 136.9 94.6 175.8
 98 64.9 43.3 80.3



#34
 Trichloroethene
 Concen: 13.335 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: VU052680.D
 Acq: 13 Jan 2023 15:27

Tgt Ion: 95 Resp: 181999
 Ion Ratio Lower Upper
 95 100
 97 65.7 46.0 85.4
 132 95.0 64.0 118.8
 130 97.4 66.6 123.8

