

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
 Data File : VU049257.D
 Acq On : 17 Jun 2022 20:31
 Operator : SY/MD
 Sample : N3320-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGJ79

Quant Time: Jun 18 05:50:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 05:20:12 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

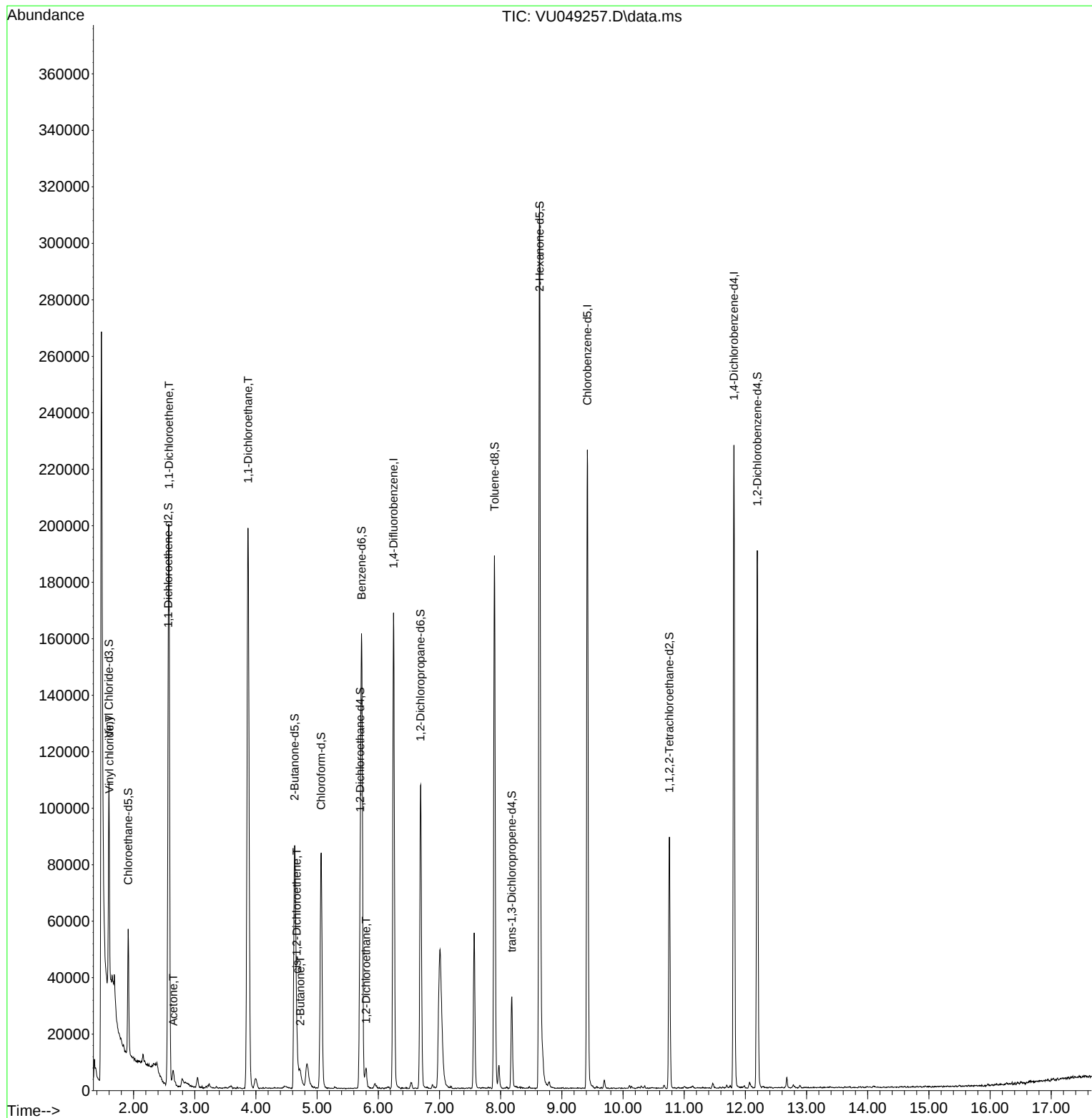
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	130525	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	120023	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	58469	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	41871	3.671	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.400%	
7) Chloroethane-d5	1.912	69	30171	3.907	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.200%	
11) 1,1-Dichloroethene-d2	2.565	65	15876	3.461	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.200%	
20) 2-Butanone-d5	4.633	46	149591	49.123	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.240%	
24) Chloroform-d	5.063	84	74082	4.140	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.800%	
26) 1,2-Dichloroethane-d4	5.703	65	43221	4.403	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.000%	
32) Benzene-d6	5.729	84	145227	4.017	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.400%	
36) 1,2-Dichloropropane-d6	6.690	67	51600	4.205	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.000%	
41) Toluene-d8	7.899	98	122041	3.748	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.000%	
43) trans-1,3-Dichloroprop...	8.182	79	18305	3.358	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	67.200%	
46) 2-Hexanone-d5	8.636	63	108144	49.173	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.340%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43968	4.475	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	48320	4.307	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.200%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	9960	0.908	ug/L #	1
12) 1,1-Dichloroethene	2.578	96	50895	6.935	ug/L	87
13) Acetone	2.649	43	9322	6.185	ug/L	98
19) 1,1-Dichloroethane	3.870	63	232170	14.480	ug/L	98
21) 2-Butanone	4.726	43	7400	2.575	ug/L	84
22) cis-1,2-Dichloroethene	4.668	96	845	0.093	ug/L #	68
27) 1,2-Dichloroethane	5.800	62	5950	0.561	ug/L	96

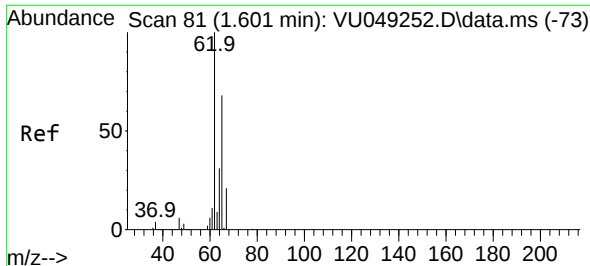
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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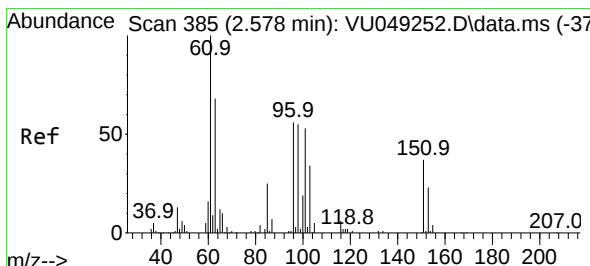
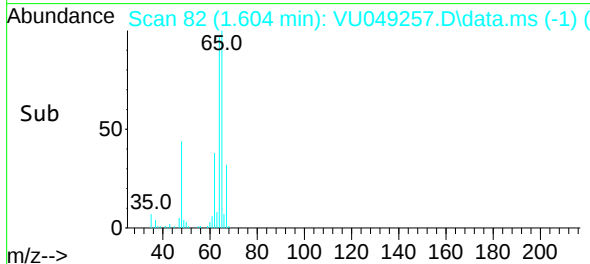
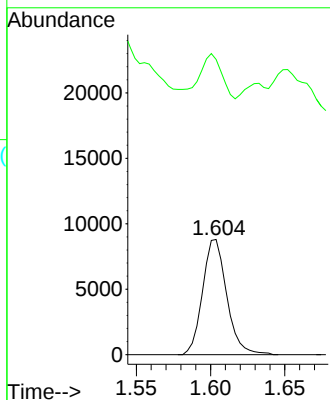
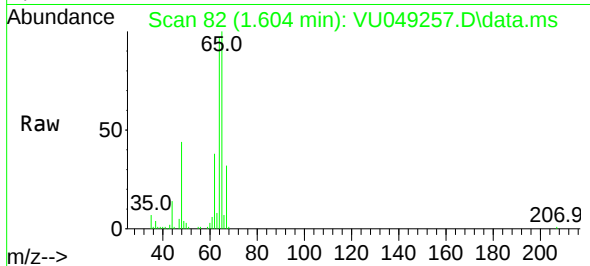




#5
 Vinyl chloride
 Concen: 0.908 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU049257.D
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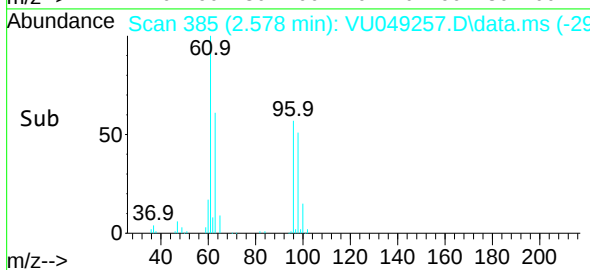
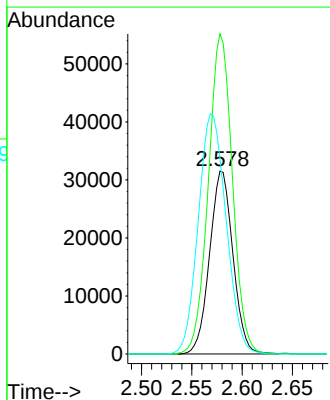
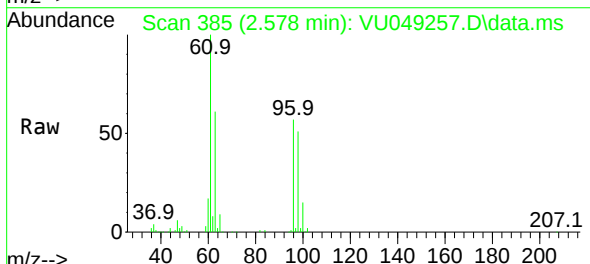
Instrument :
 MSVOA_U
 ClientSampleId :
 BGJ79

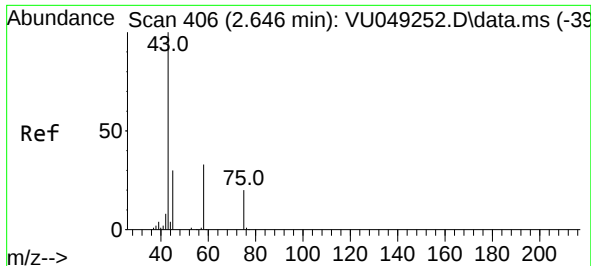
Tgt Ion: 62 Resp: 9960
 Ion Ratio Lower Upper
 62 100
 64 256.3 22.8 42.4#



#12
 1,1-Dichloroethene
 Concen: 6.935 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU049257.D
 Acq: 17 Jun 2022 20:31

Tgt Ion: 96 Resp: 50895
 Ion Ratio Lower Upper
 96 100
 61 175.0 127.2 236.2
 63 107.1 94.7 175.9





#13

Acetone

Concen: 6.185 ug/L

RT: 2.649 min Scan# 406

Delta R.T. 0.003 min

Lab File: VU049257.D

Acq: 17 Jun 2022 20:31

Instrument :

MSVOA_U

ClientSampleId :

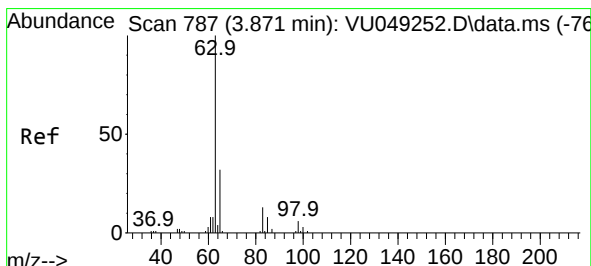
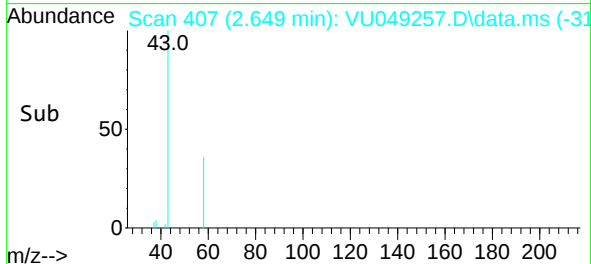
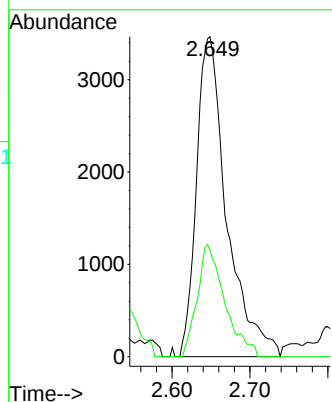
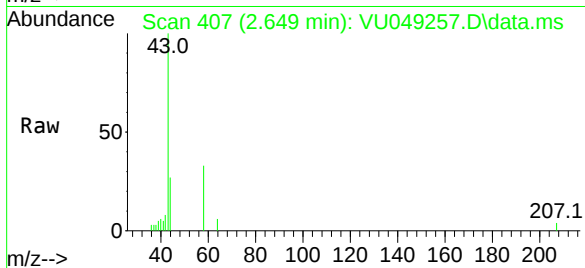
BGJ79

Tgt Ion: 43 Resp: 9322

Ion Ratio Lower Upper

43 100

58 31.9 0.0 65.8



#19

1,1-Dichloroethane

Concen: 14.480 ug/L

RT: 3.870 min Scan# 787

Delta R.T. -0.000 min

Lab File: VU049257.D

Acq: 17 Jun 2022 20:31

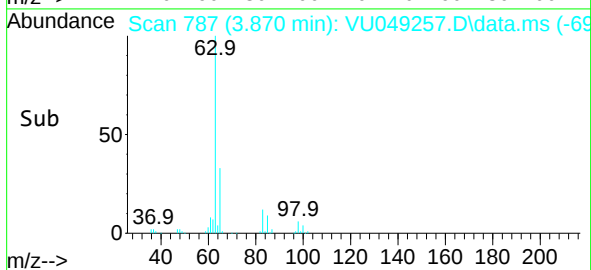
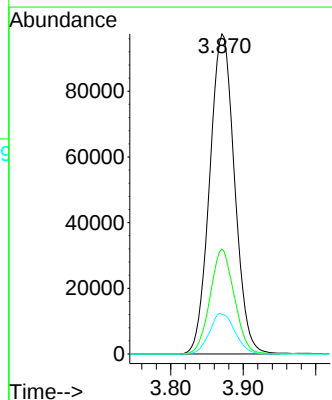
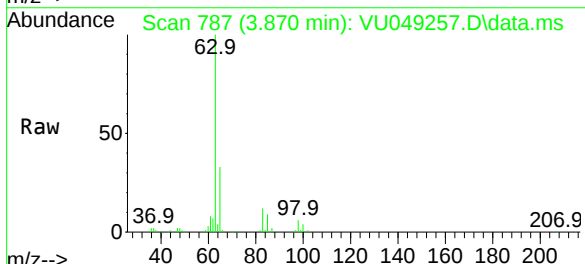
Tgt Ion: 63 Resp: 232170

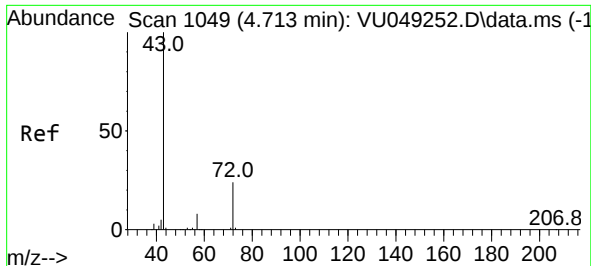
Ion Ratio Lower Upper

63 100

65 32.8 24.0 44.6

83 12.5 9.1 16.9

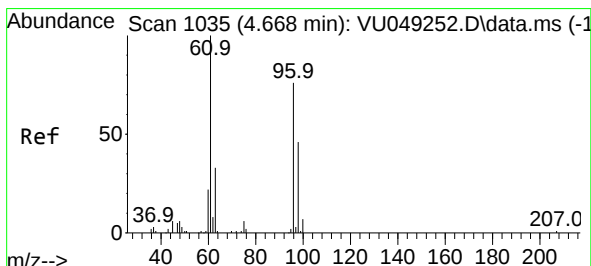
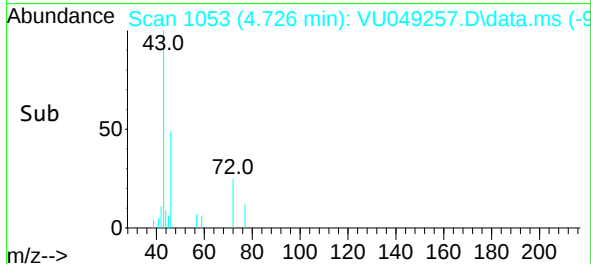
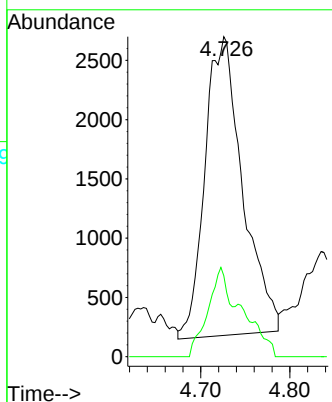
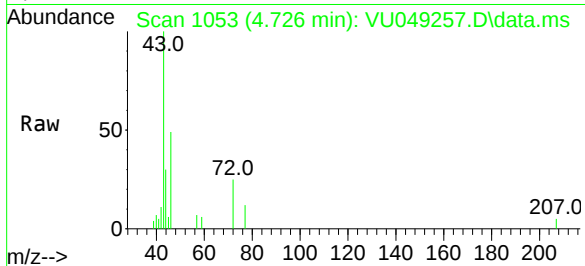




#21
2-Butanone
Concen: 2.575 ug/L
RT: 4.726 min Scan# 1053
Delta R.T. 0.013 min
Lab File: VU049257.D
Acq: 17 Jun 2022 20:31

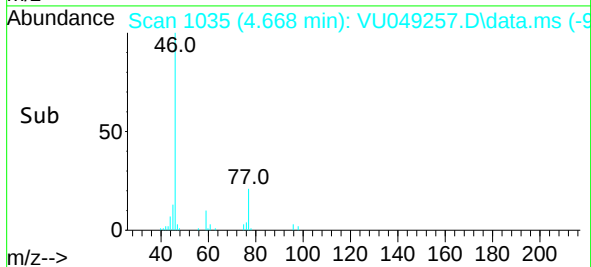
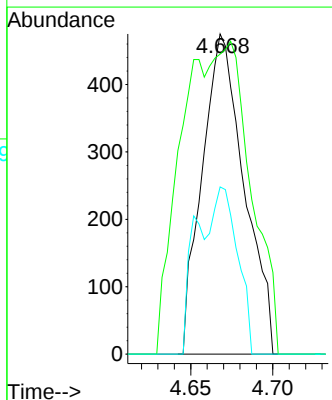
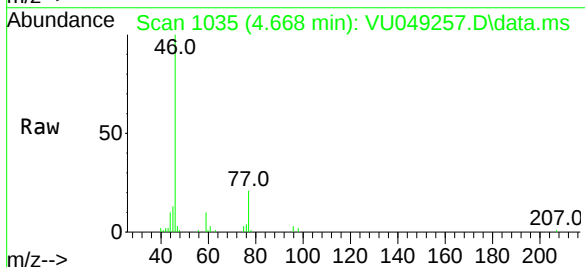
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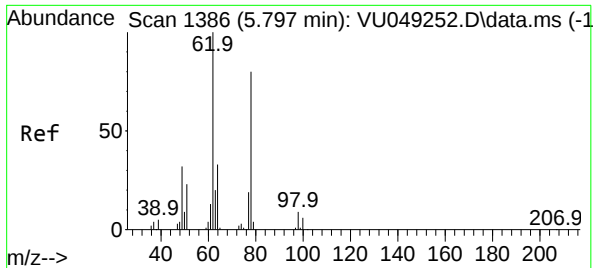
Tgt Ion: 43 Resp: 7400
Ion Ratio Lower Upper
43 100
72 16.6 12.2 36.6



#22
cis-1,2-Dichloroethene
Concen: 0.093 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU049257.D
Acq: 17 Jun 2022 20:31

Tgt Ion: 96 Resp: 845
Ion Ratio Lower Upper
96 100
61 93.7 99.5 184.9#
98 52.2 44.8 83.2





#27
 1,2-Dichloroethane
 Concen: 0.561 ug/L
 RT: 5.800 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VU049257.D
 Acq: 17 Jun 2022 20:31

Instrument :
 MSVOA_U
 ClientSampleId :
 BGJ79

Tgt Ion: 62 Resp: 5950
 Ion Ratio Lower Upper
 62 100
 98 8.2 7.6 11.4

