

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061522\
 Data File : VU049170.D
 Acq On : 15 Jun 2022 15:12
 Operator : SY/MD
 Sample : N3288-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGJ99

Quant Time: Jun 16 04:49:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 04:45:30 2022
 Response via : Initial Calibration

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

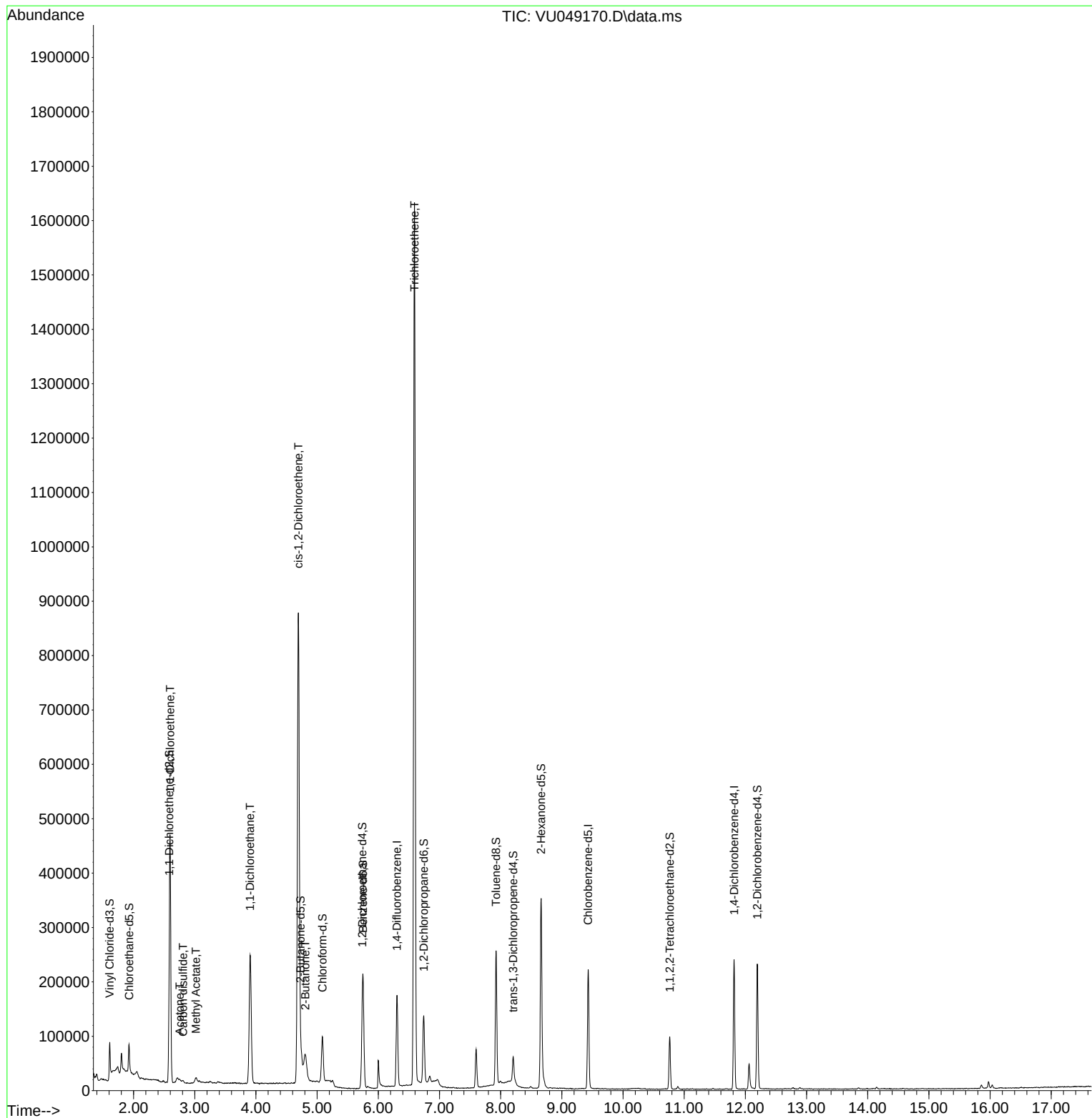
Internal Standards						
1) 1,4-Difluorobenzene	6.304	114	126803	5.000	ug/L	0.05
28) Chlorobenzene-d5	9.430	117	115842	5.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	11.815	152	59774	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.610	65	45111	4.071	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.925	69	34260	4.567	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.584	65	17824	4.000	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	4.729	46	137150	46.360	ug/L	0.09
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.720%
24) Chloroform-d	5.086	84	72414	4.166	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.739	65	47596	4.991	ug/L	0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.751	84	168197	4.820	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.742	67	59476	5.021	ug/L	0.05
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.925	98	150750	4.797	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.205	79	23953	4.552	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.661	63	125753	59.243	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.480%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	48308	5.094	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	56184	4.898	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.597	96	127958	17.946	ug/L #	75
13) Acetone	2.755	43	19042	13.005	ug/L	76
14) Carbon disulfide	2.809	76	4916	0.209	ug/L #	90
15) Methyl Acetate	3.018	43	16328	4.170	ug/L	98
19) 1,1-Dichloroethane	3.906	63	269827	17.323	ug/L	97
21) 2-Butanone	4.806	43	100378	35.953	ug/L	95
22) cis-1,2-Dichloroethene	4.694	96	376025	42.561	ug/L	92
34) Trichloroethene	6.591	95	543747	61.711	ug/L	99

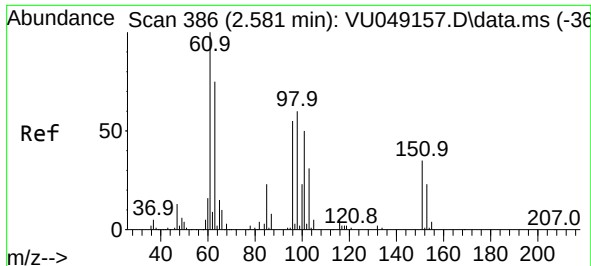
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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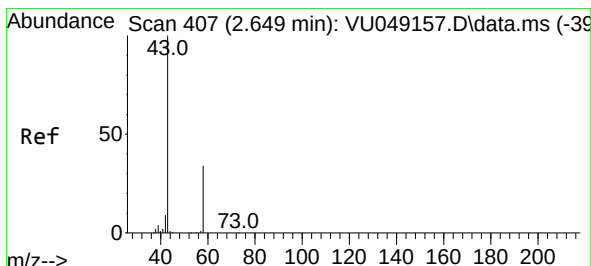
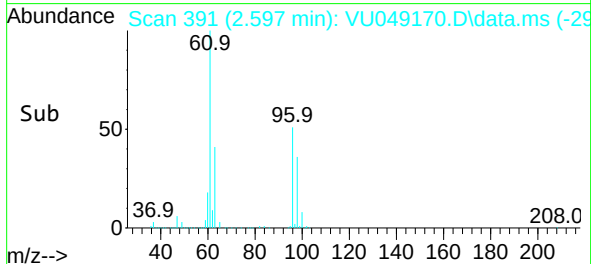
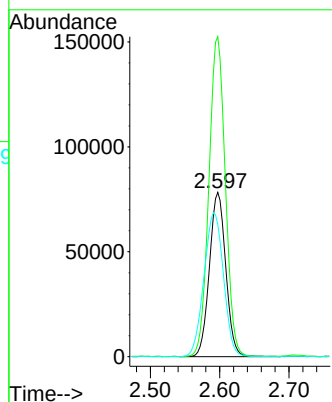
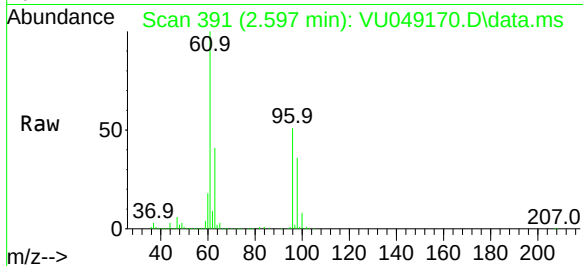




#12
1,1-Dichloroethene
Concen: 17.946 ug/L
RT: 2.597 min Scan# 391
Delta R.T. 0.016 min
Lab File: VU049170.D
Acq: 15 Jun 2022 15:12

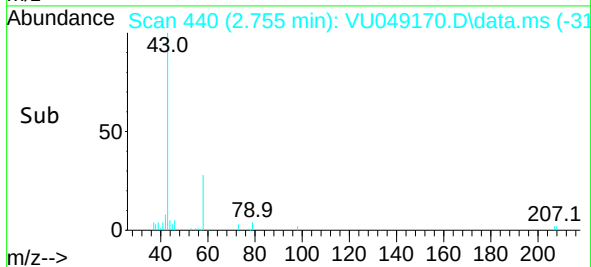
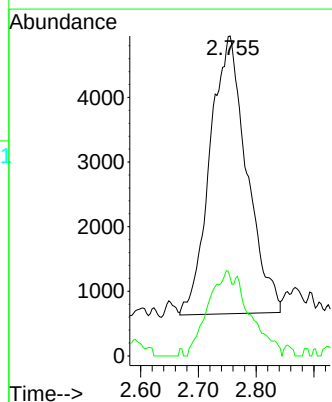
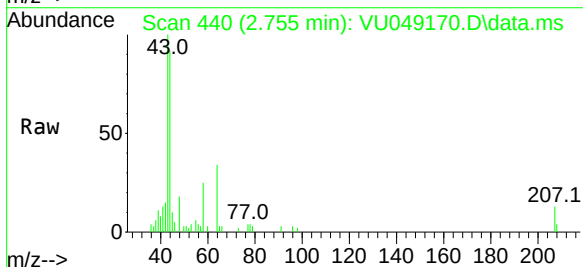
Instrument :
MSVOA_U
ClientSampleId :
BGJ99

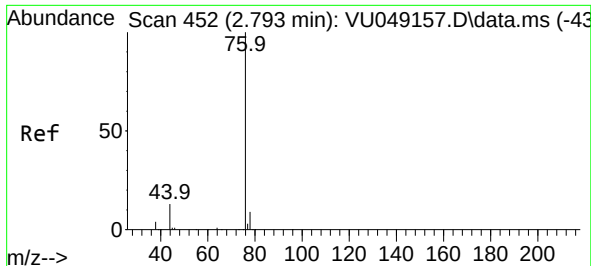
Tgt Ion: 96 Resp: 127958
Ion Ratio Lower Upper
96 100
61 194.8 127.2 236.2
63 80.3 94.7 175.9#



#13
Acetone
Concen: 13.005 ug/L
RT: 2.755 min Scan# 440
Delta R.T. 0.106 min
Lab File: VU049170.D
Acq: 15 Jun 2022 15:12

Tgt Ion: 43 Resp: 19042
Ion Ratio Lower Upper
43 100
58 19.4 0.0 65.8





#14

Carbon disulfide

Concen: 0.209 ug/L

RT: 2.809 min Scan# 41

Delta R.T. 0.016 min

Lab File: VU049170.D

Acq: 15 Jun 2022 15:12

Instrument :

MSVOA_U

ClientSampleId :

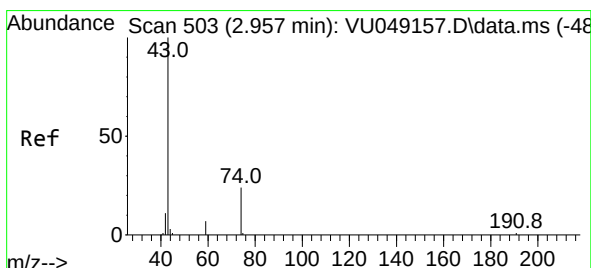
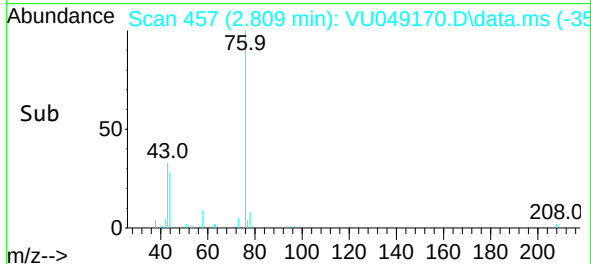
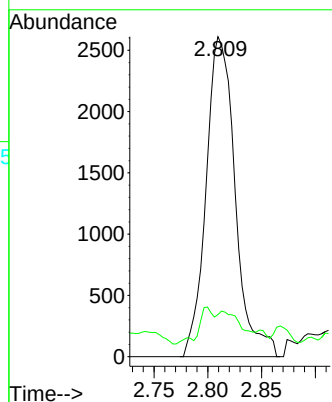
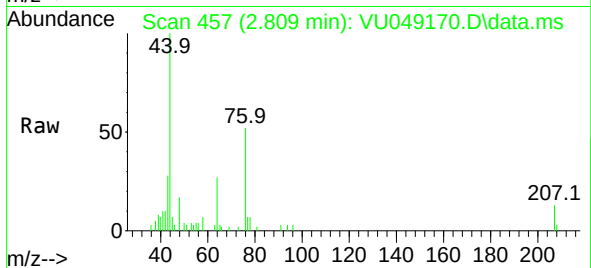
BGJ99

Tgt Ion: 76 Resp: 4916

Ion Ratio Lower Upper

76 100

78 13.2 7.5 11.3#



#15

Methyl Acetate

Concen: 4.170 ug/L

RT: 3.018 min Scan# 522

Delta R.T. 0.061 min

Lab File: VU049170.D

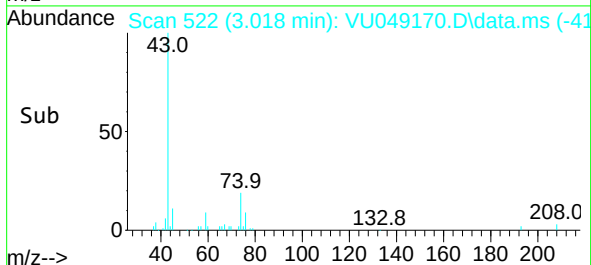
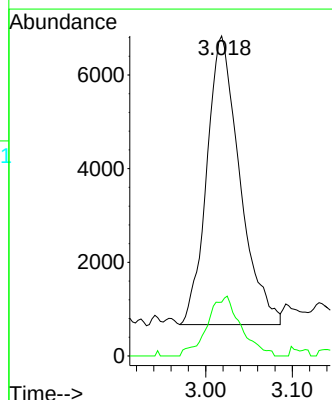
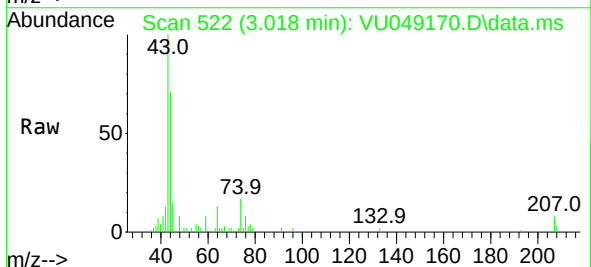
Acq: 15 Jun 2022 15:12

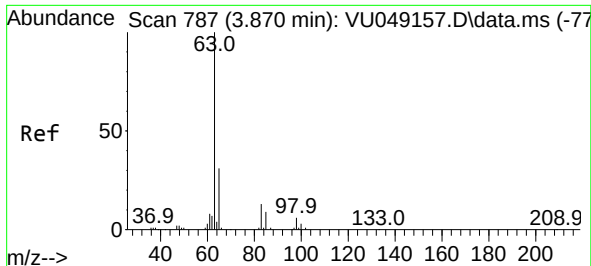
Tgt Ion: 43 Resp: 16328

Ion Ratio Lower Upper

43 100

74 21.1 17.6 26.4





#19

1,1-Dichloroethane

Concen: 17.323 ug/L

RT: 3.906 min Scan# 79

Delta R.T. 0.035 min

Lab File: VU049170.D

Acq: 15 Jun 2022 15:12

Instrument :

MSVOA_U

ClientSampleId :

BGJ99

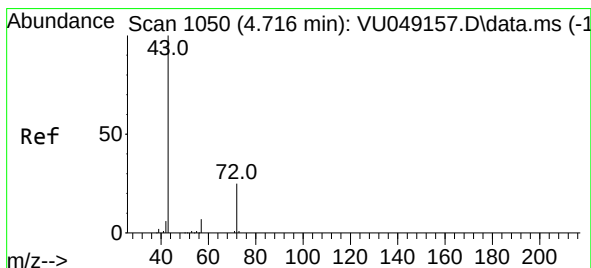
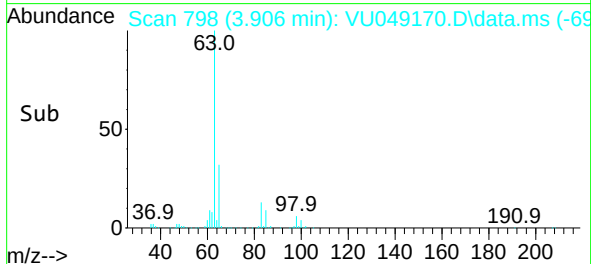
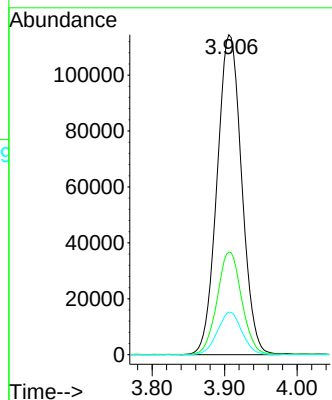
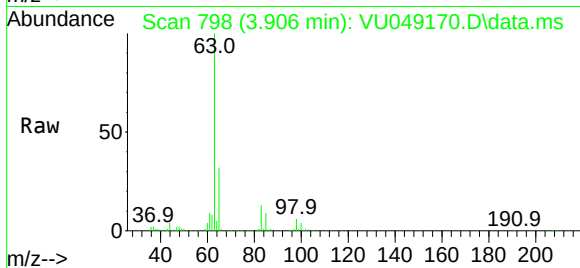
Tgt Ion: 63 Resp: 269827

Ion Ratio Lower Upper

63 100

65 32.1 24.0 44.6

83 13.3 9.1 16.9



#21

2-Butanone

Concen: 35.953 ug/L

RT: 4.806 min Scan# 1078

Delta R.T. 0.090 min

Lab File: VU049170.D

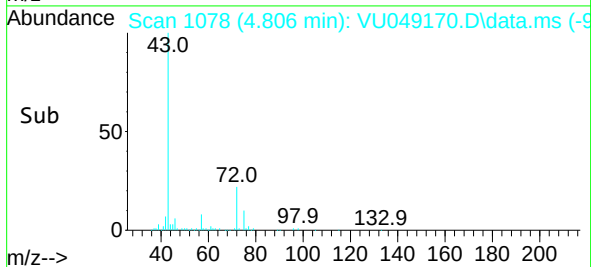
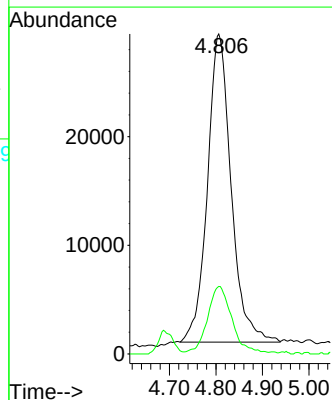
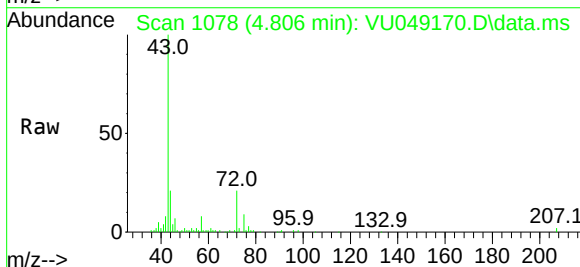
Acq: 15 Jun 2022 15:12

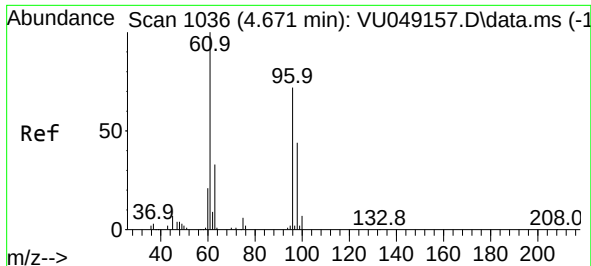
Tgt Ion: 43 Resp: 100378

Ion Ratio Lower Upper

43 100

72 21.9 12.2 36.6

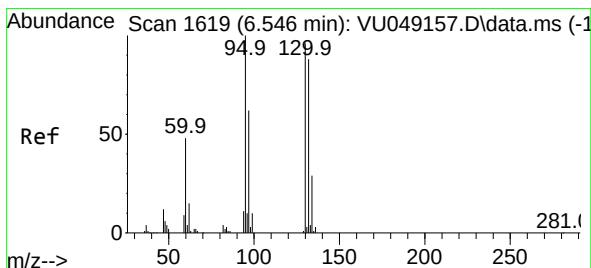
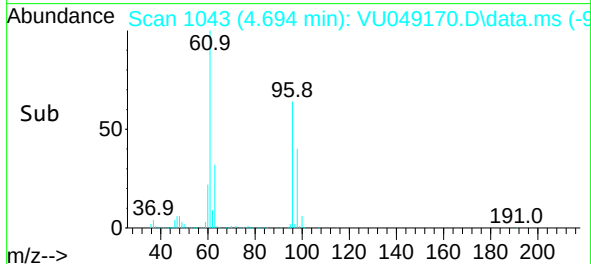
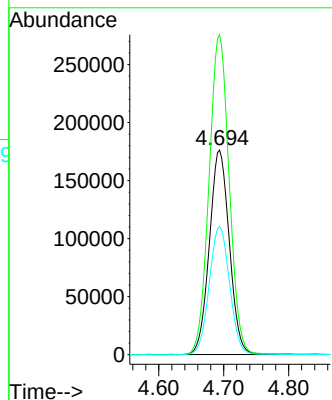
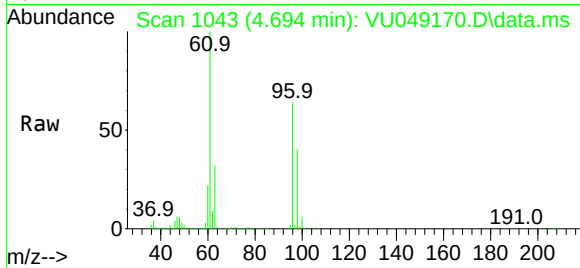




#22
cis-1,2-Dichloroethene
Concen: 42.561 ug/L
RT: 4.694 min Scan# 1043
Delta R.T. 0.023 min
Lab File: VU049170.D
Acq: 15 Jun 2022 15:12

Instrument :
MSVOA_U
ClientSampleId :
BGJ99

Tgt Ion: 96 Resp: 376025
Ion Ratio Lower Upper
96 100
61 156.4 99.5 184.9
98 62.7 44.8 83.2



#34
Trichloroethene
Concen: 61.711 ug/L
RT: 6.591 min Scan# 1633
Delta R.T. 0.045 min
Lab File: VU049170.D
Acq: 15 Jun 2022 15:12

Tgt Ion: 95 Resp: 543747
Ion Ratio Lower Upper
95 100
97 64.8 45.3 84.1
132 90.1 61.5 114.3
130 92.9 65.6 121.8

