

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122721\
 Data File : VU046604.D
 Acq On : 27 Dec 2021 17:27
 Operator : SY/MD
 Sample : M5126-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J11

Quant Time: Dec 28 04:58:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 28 04:55:25 2021
 Response via : Initial Calibration

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

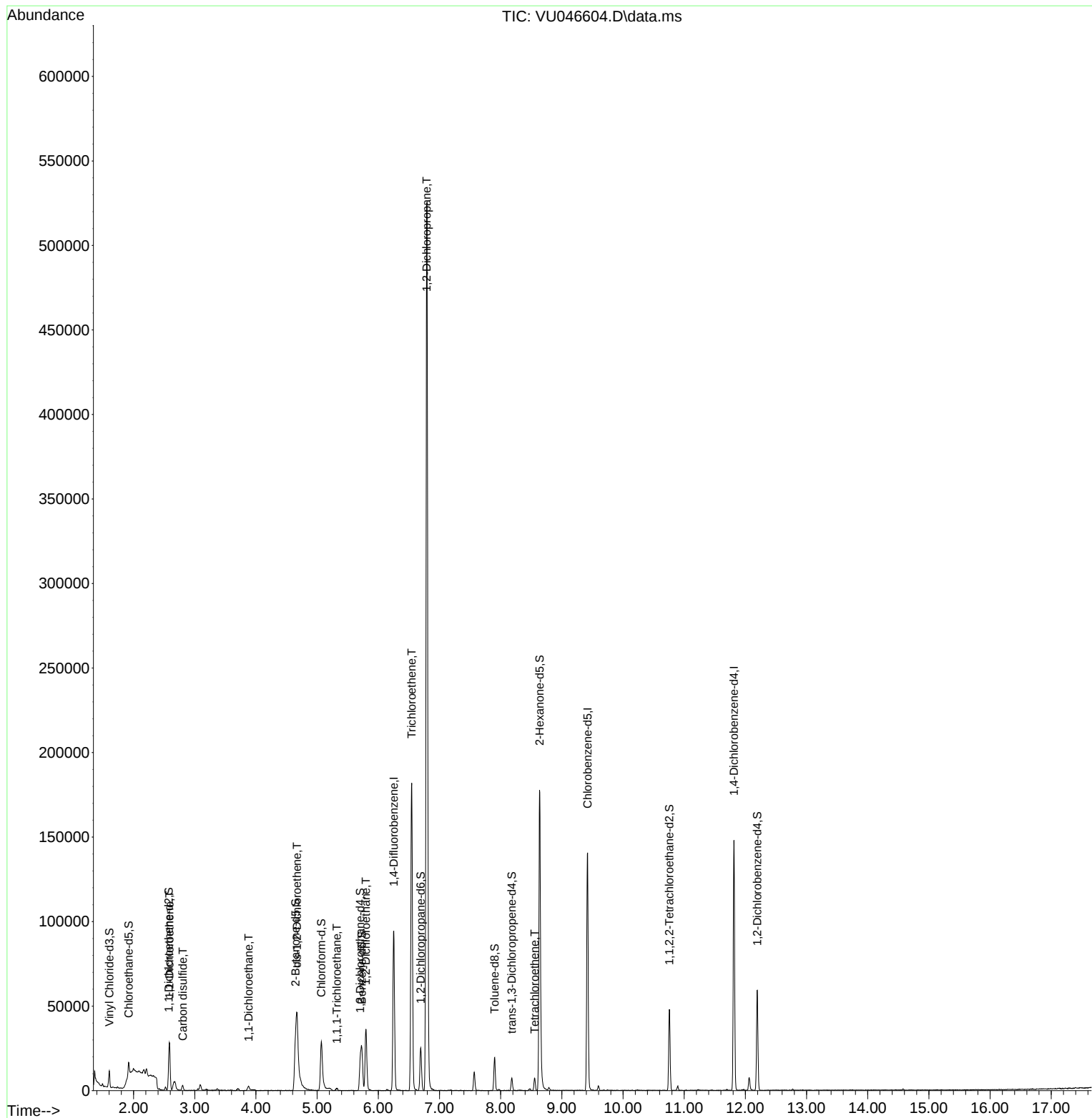
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	77355	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	79030	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	39101	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	4129	0.678	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	13.600%#
7) Chloroethane-d5	1.919	69	5214	1.087	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	21.800%#
11) 1,1-Dichloroethene-d2	2.575	65	1327	0.516	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	10.400%#
20) 2-Butanone-d5	4.649	46	77347	43.764	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.520%
24) Chloroform-d	5.070	84	21313	1.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	38.200%#
26) 1,2-Dichloroethane-d4	5.703	65	14655	2.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	46.000%#
32) Benzene-d6	5.732	84	22575	1.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	20.400%#
36) 1,2-Dichloropropane-d6	6.694	67	12200	1.843	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	36.800%#
41) Toluene-d8	7.899	98	13805	0.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	13.800%#
43) trans-1,3-Dichloroprop...	8.182	79	4618	1.508	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	30.200%#
46) 2-Hexanone-d5	8.636	63	70221	39.064	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.120%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	23652	3.481	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	15619	2.169	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	43.400%#
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.588	96	8811	1.295	ug/L #	65
14) Carbon disulfide	2.803	76	4167	0.187	ug/L	99
19) 1,1-Dichloroethane	3.880	63	2998	0.224	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	11902	1.500	ug/L	95
27) 1,2-Dichloroethane	5.797	62	33203	3.220	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	1280	0.098	ug/L	95
34) Trichloroethene	6.546	95	63694	7.695	ug/L	98
37) 1,2-Dichloropropane	6.793	63	201480	25.154	ug/L #	97
47) Tetrachloroethene	8.555	164	1572	0.268	ug/L	96

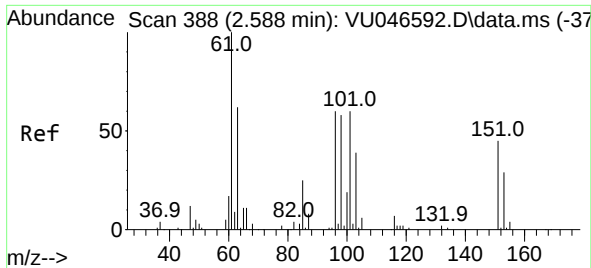
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.295 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.000 min

Lab File: VU046604.D

Acq: 27 Dec 2021 17:27

Instrument :

MSVOA_U

ClientSampleId :

C0J11

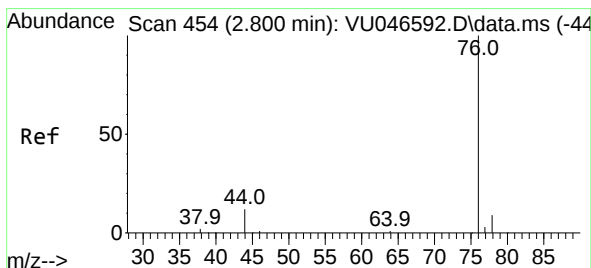
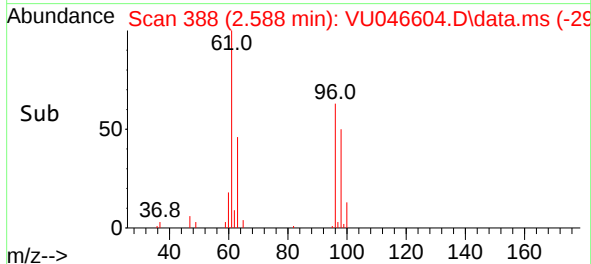
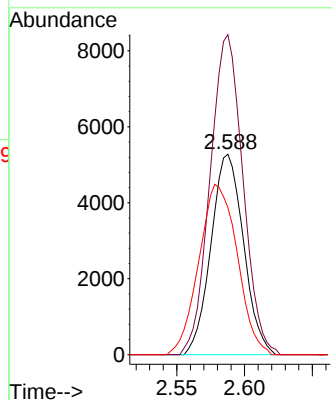
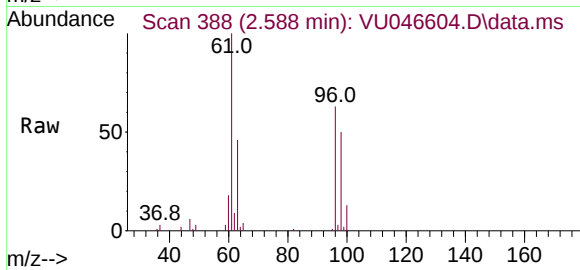
Tgt Ion: 96 Resp: 8811

Ion Ratio Lower Upper

96 100

61 159.6 124.7 231.5

63 73.4 105.2 195.4#



#14

Carbon disulfide

Concen: 0.187 ug/L

RT: 2.803 min Scan# 455

Delta R.T. 0.003 min

Lab File: VU046604.D

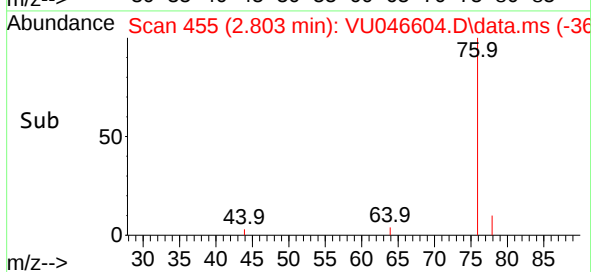
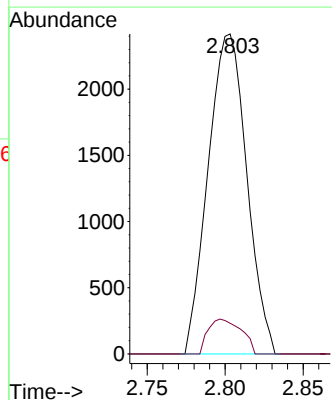
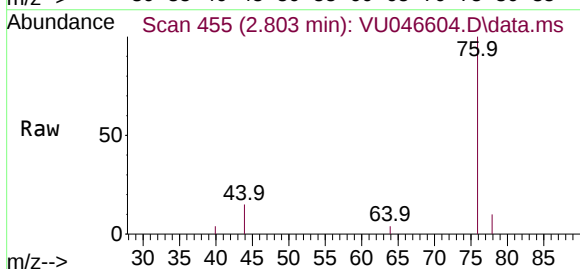
Acq: 27 Dec 2021 17:27

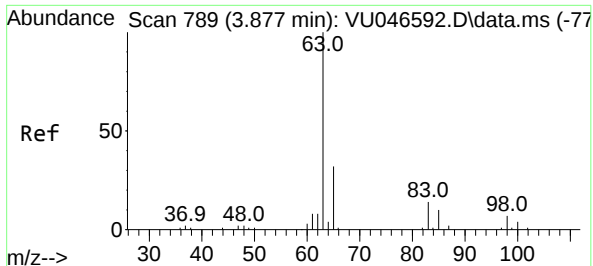
Tgt Ion: 76 Resp: 4167

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3





#19

1,1-Dichloroethane

Concen: 0.224 ug/L

RT: 3.880 min Scan# 79

Delta R.T. 0.003 min

Lab File: VU046604.D

Acq: 27 Dec 2021 17:27

Instrument :

MSVOA_U

ClientSampleId :

C0J11

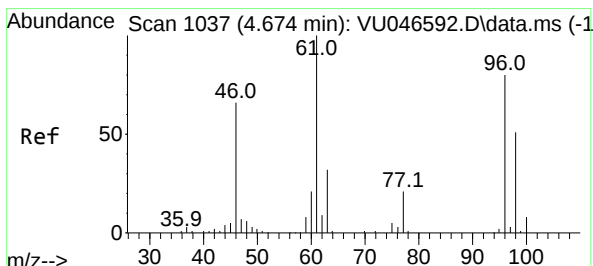
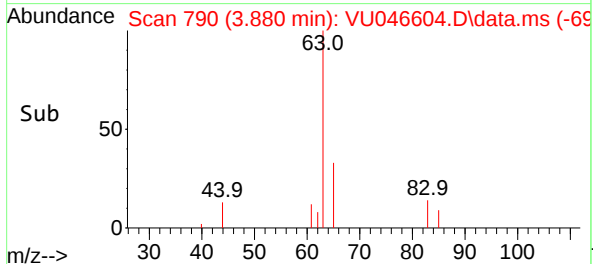
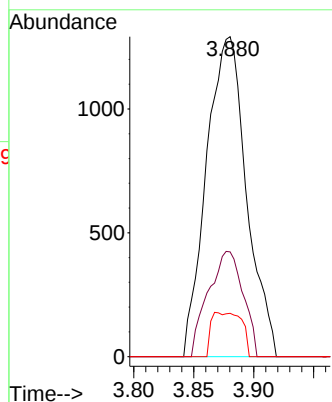
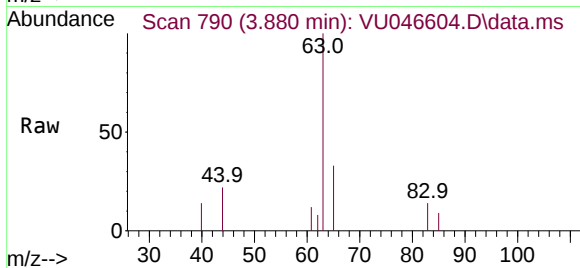
Tgt Ion: 63 Resp: 2998

Ion Ratio Lower Upper

63 100

65 32.7 22.3 41.5

83 13.5 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 1.500 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU046604.D

Acq: 27 Dec 2021 17:27

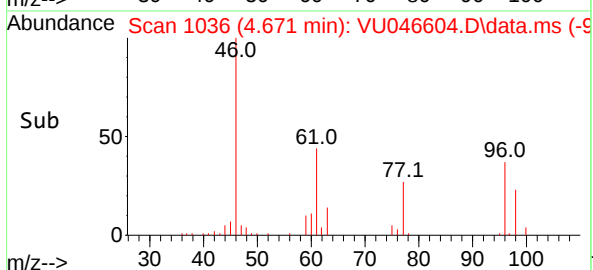
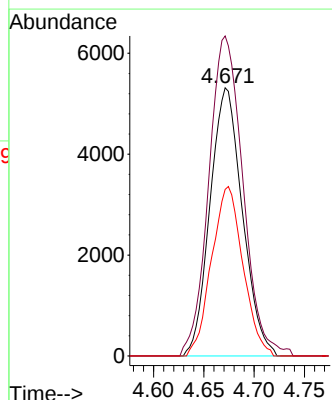
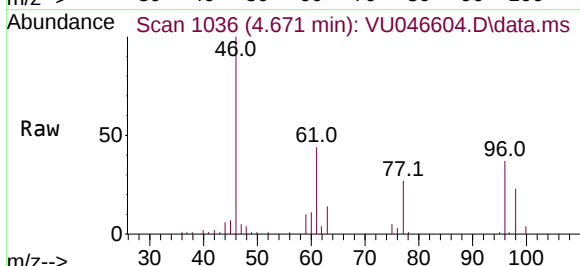
Tgt Ion: 96 Resp: 11902

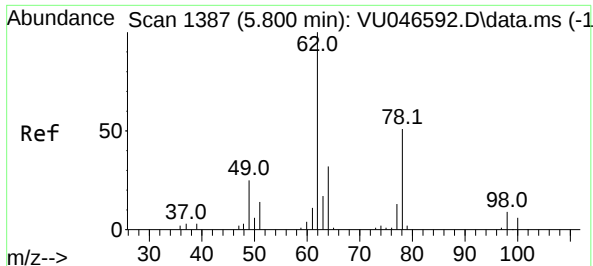
Ion Ratio Lower Upper

96 100

61 119.3 88.5 164.3

98 62.1 44.4 82.5

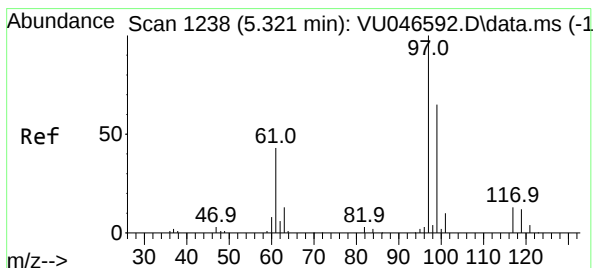
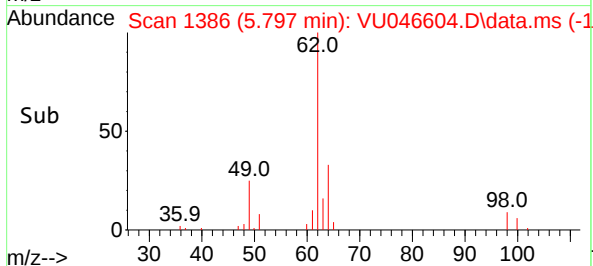
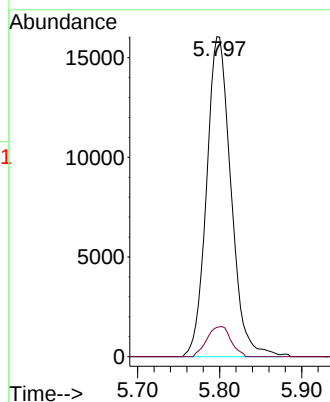
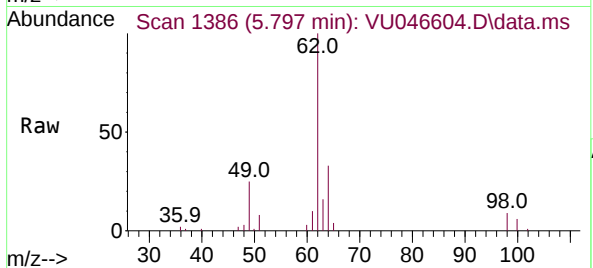




#27
1,2-Dichloroethane
Concen: 3.220 ug/L
RT: 5.797 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU046604.D
Acq: 27 Dec 2021 17:27

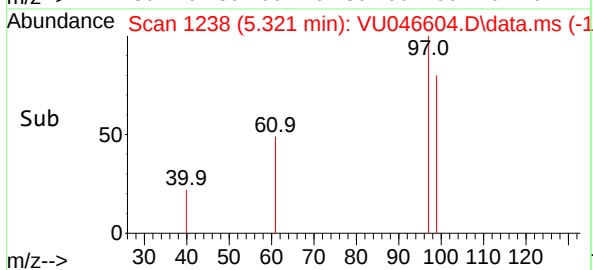
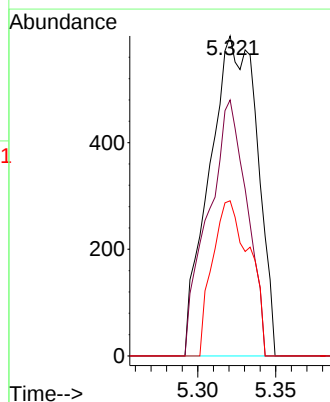
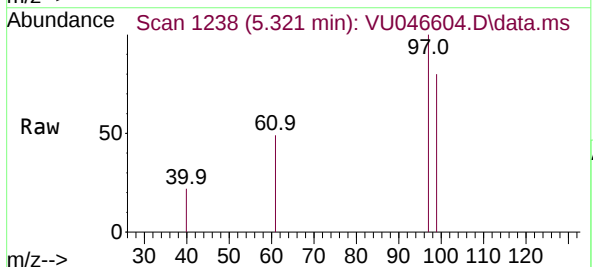
Instrument :
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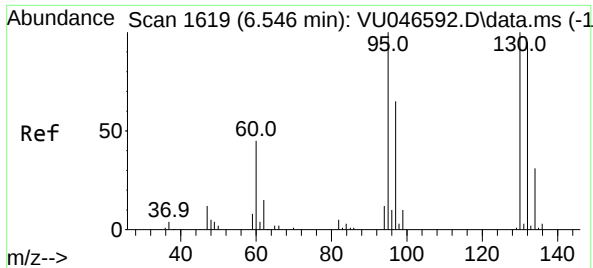
Tgt Ion: 62 Resp: 33203
Ion Ratio Lower Upper
62 100
98 9.1 7.8 11.8



#29
1,1,1-Trichloroethane
Concen: 0.098 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU046604.D
Acq: 27 Dec 2021 17:27

Tgt Ion: 97 Resp: 1280
Ion Ratio Lower Upper
97 100
99 64.7 51.3 76.9
61 37.5 36.1 54.1



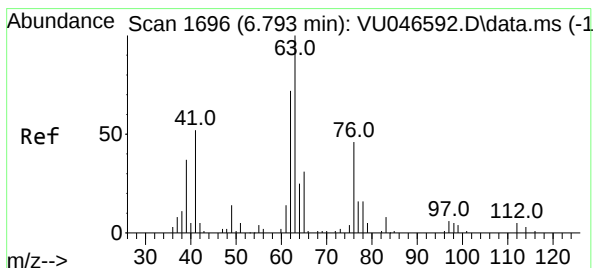
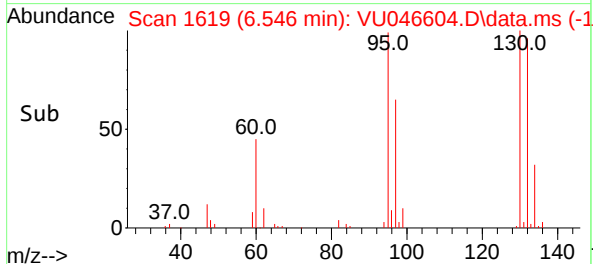
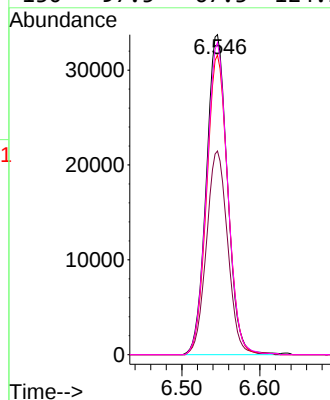
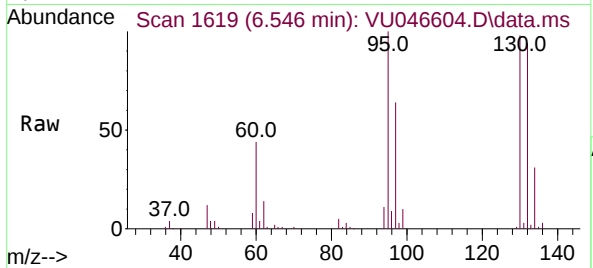


#34
 Trichloroethene
 Concen: 7.695 ug/L
 RT: 6.546 min Scan# 1619
 Delta R.T. 0.000 min
 Lab File: VU046604.D
 Acq: 27 Dec 2021 17:27

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J11

Tgt Ion: 95 Resp: 63694

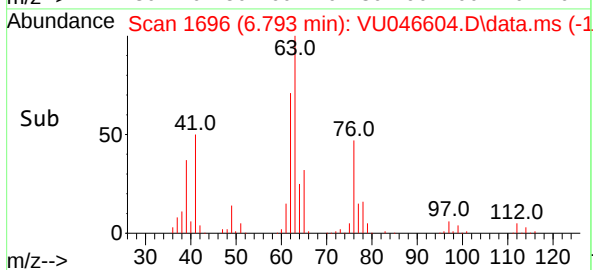
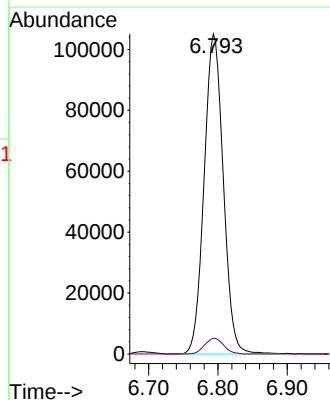
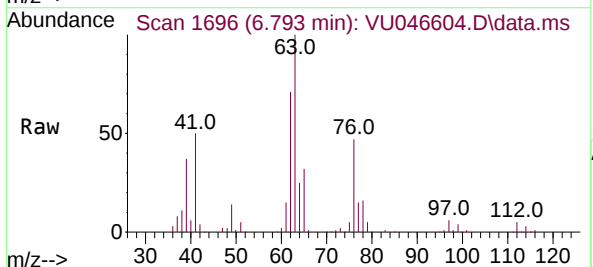
Ion	Ratio	Lower	Upper
95	100		
97	63.6	46.5	86.5
132	93.6	65.1	120.9
130	97.5	67.3	124.9

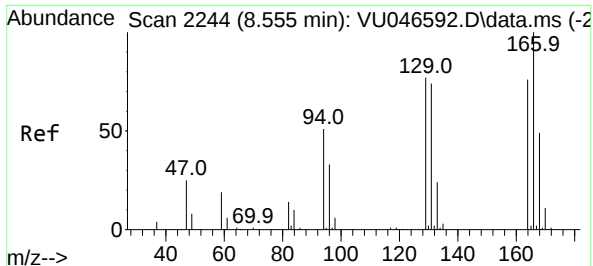


#37
 1,2-Dichloropropane
 Concen: 25.154 ug/L
 RT: 6.793 min Scan# 1696
 Delta R.T. 0.000 min
 Lab File: VU046604.D
 Acq: 27 Dec 2021 17:27

Tgt Ion: 63 Resp: 201480

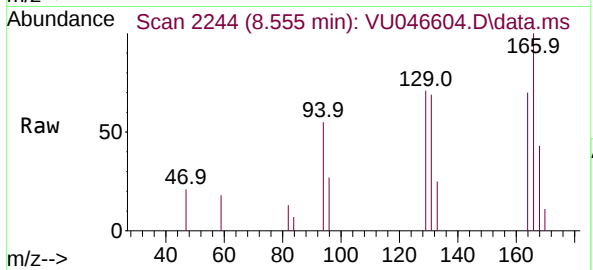
Ion	Ratio	Lower	Upper
63	100		
112	4.9	3.2	4.8#





#47
 Tetrachloroethene
 Concen: 0.268 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU046604.D
 Acq: 27 Dec 2021 17:27

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:164 Resp: 1572

Ion	Ratio	Lower	Upper
164	100		
129	101.7	71.8	133.4
131	99.3	68.5	127.3
166	143.5	94.1	174.8

