

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)

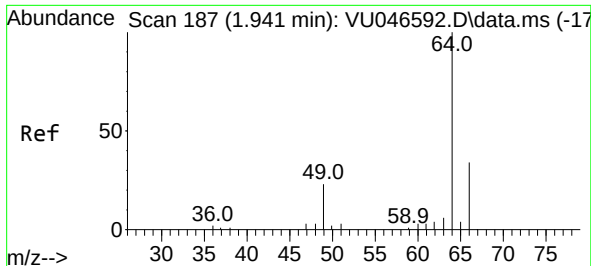
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	77355	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	79030	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	39101	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	4129	0.678	ug/L	0.00
Spiked Amount	5.000	Range	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
8) Chloroethane	1.948	64	26180	4.443	ug/L #	51
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
15) Methyl Acetate	3.086	43	752	0.225	ug/L #	51
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
35) Methylcyclohexane	6.790	83	1481	0.127	ug/L #	27
37) 1,2-Dichloropropane	6.793	63	201480	25.154	ug/L #	97
47) Tetrachloroethene	8.555	164	1572	0.268	ug/L	96
49) Dibromochloromethane	8.552	129	1690	0.212	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	4438	0.683	ug/L #	66

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

Instrument :
MSVOA_U
ClientSampleId :
C0J11

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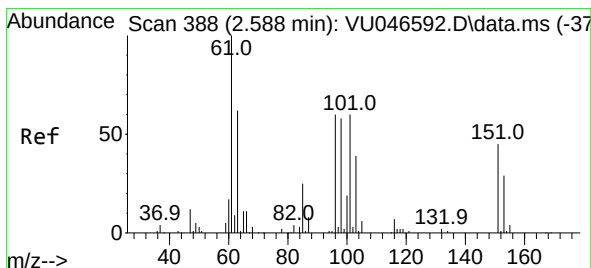
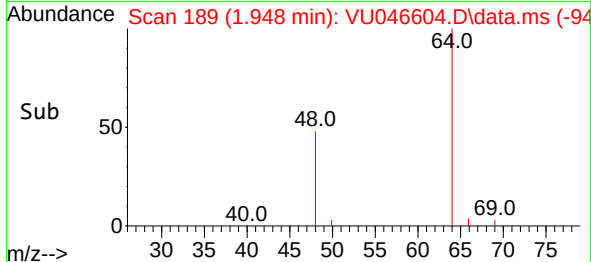
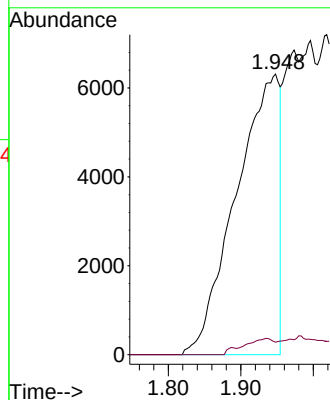
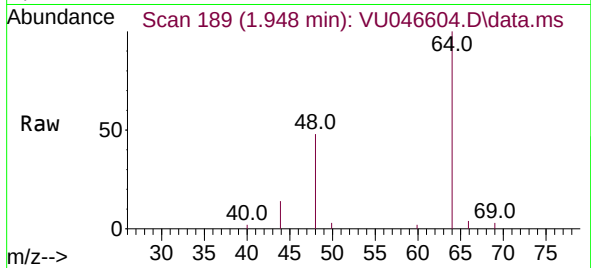




#8
Chloroethane
Concen: 4.443 ug/L
RT: 1.948 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU046604.D
Acq: 27 Dec 2021 17:27

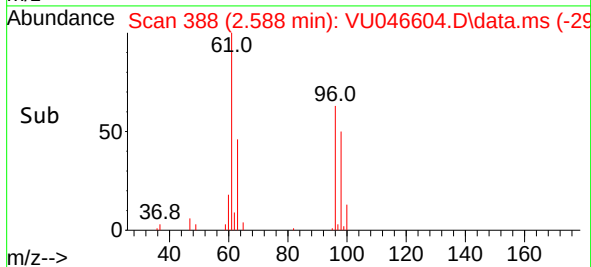
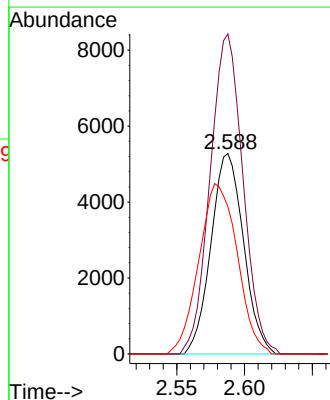
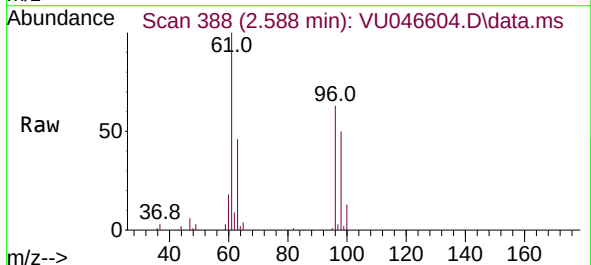
Instrument :
MSVOA_U
ClientSampleId :
C0J11

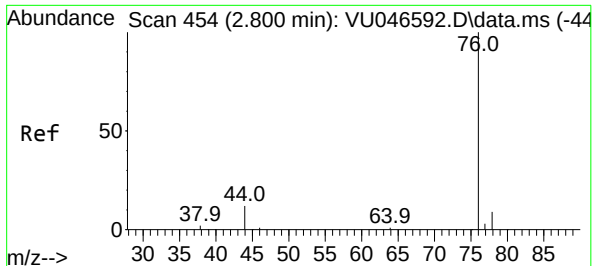
Tgt Ion: 64 Resp: 26180
Ion Ratio Lower Upper
64 100
66 4.5 22.1 41.1#



#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

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#

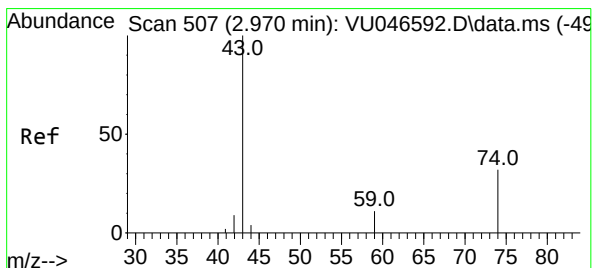
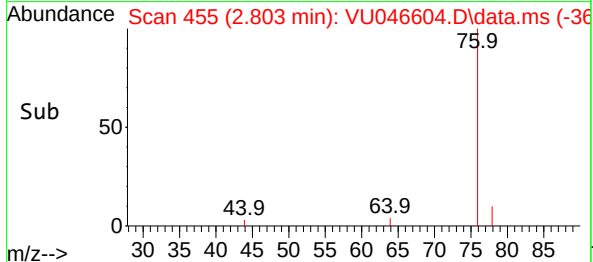
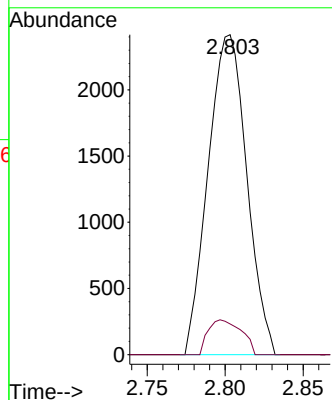
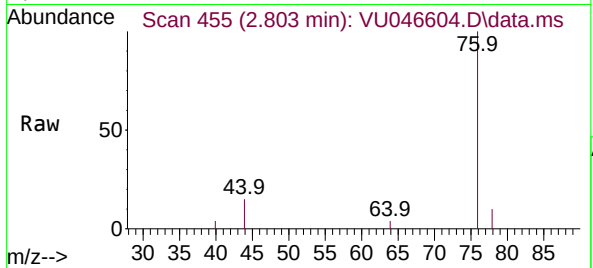




#14
Carbon disulfide
Concen: 0.187 ug/L
RT: 2.803 min Scan# 4167
Delta R.T. 0.003 min
Lab File: VU046604.D
Acq: 27 Dec 2021 17:27

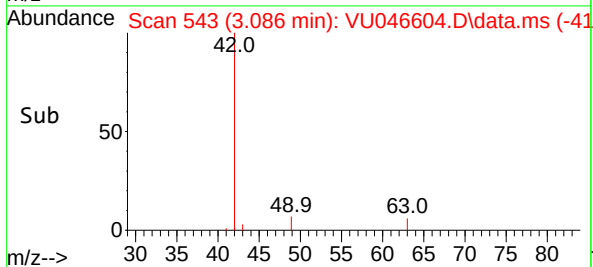
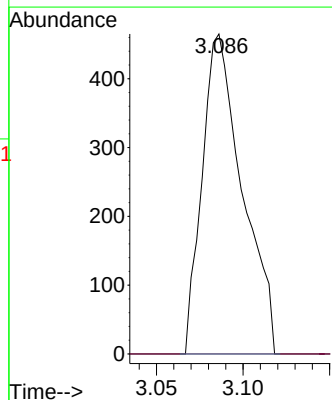
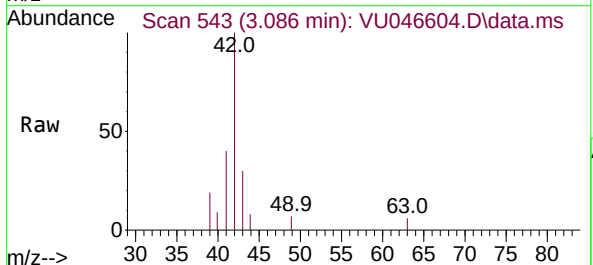
Instrument :
MSVOA_U
ClientSampleId :
C0J11

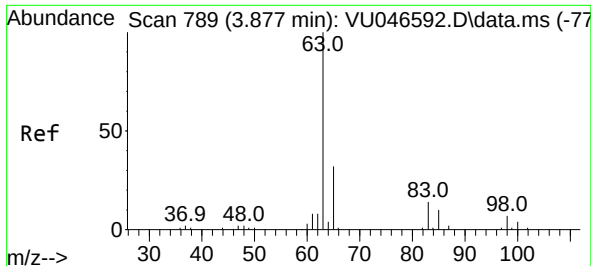
Tgt Ion: 76 Resp: 4167
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3



#15
Methyl Acetate
Concen: 0.225 ug/L
RT: 3.086 min Scan# 543
Delta R.T. 0.116 min
Lab File: VU046604.D
Acq: 27 Dec 2021 17:27

Tgt Ion: 43 Resp: 752
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#





#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

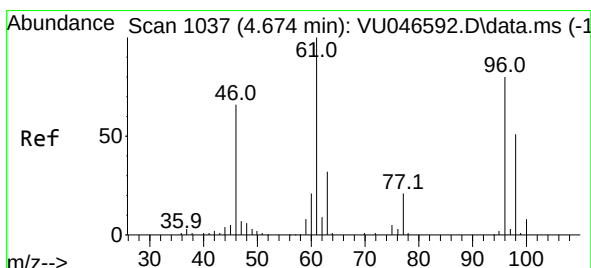
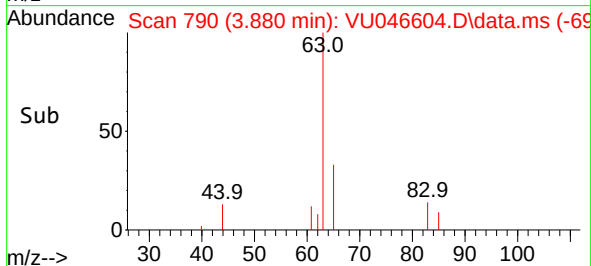
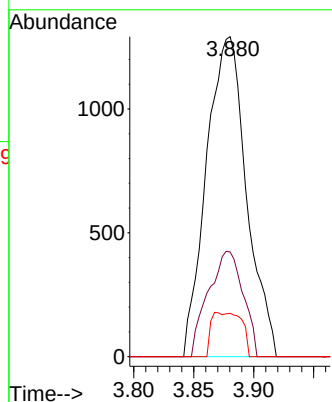
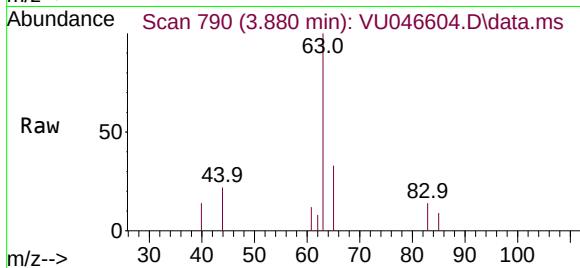
Tgt Ion: 63 Resp: 2998

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

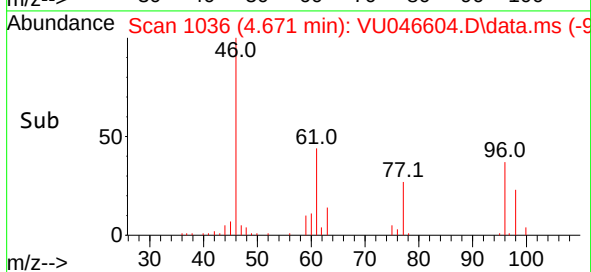
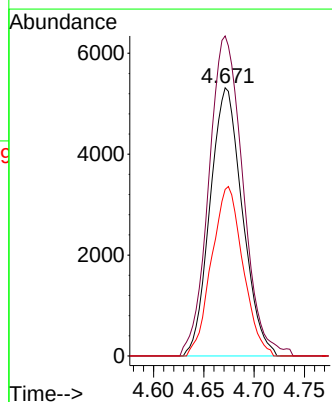
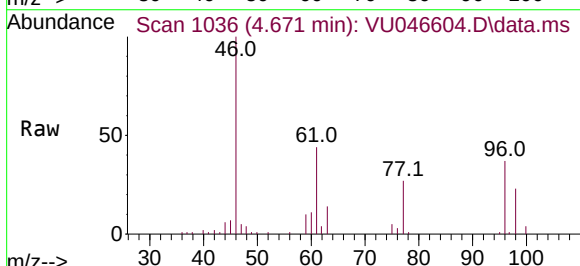
Tgt Ion: 96 Resp: 11902

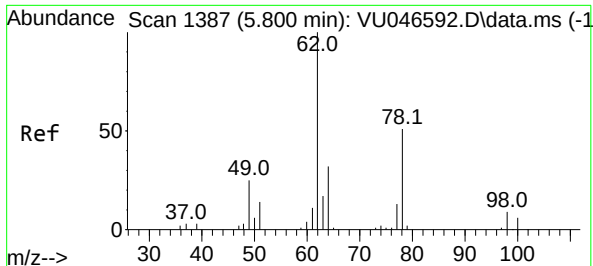
Ion Ratio Lower Upper

96 100

61 119.3 88.5 164.3

98 62.1 44.4 82.5

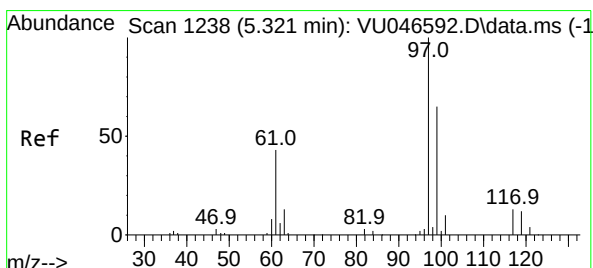
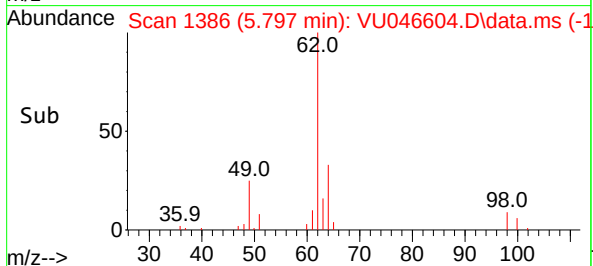
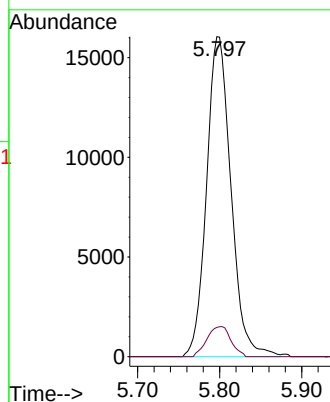
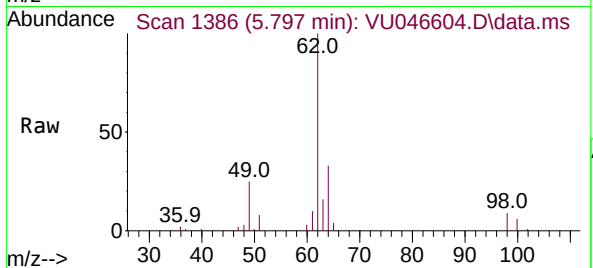




#27
1,2-Dichloroethane
Concen: 3.220 ug/L
RT: 5.797 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU046604.D
Acq: 27 Dec 2021 17:27

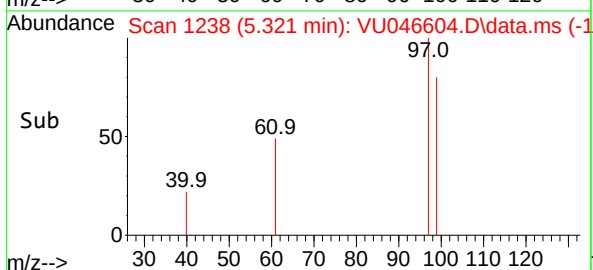
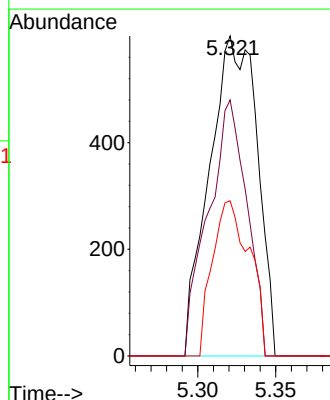
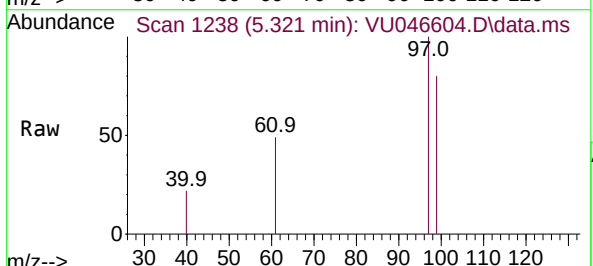
Instrument :
MSVOA_U
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C0J11

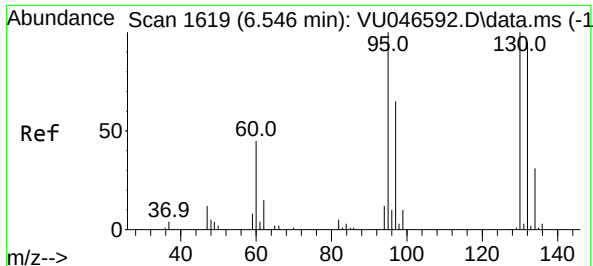
Tgt Ion: 62 Resp: 33203
Ion Ratio Lower Upper
62 100
98 9.1 7.8 11.8



#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

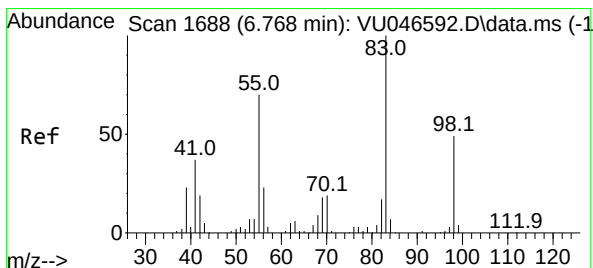
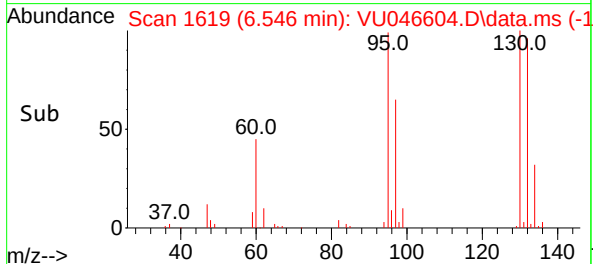
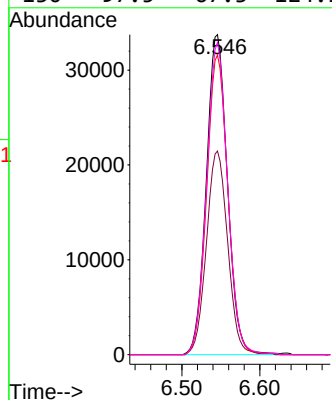
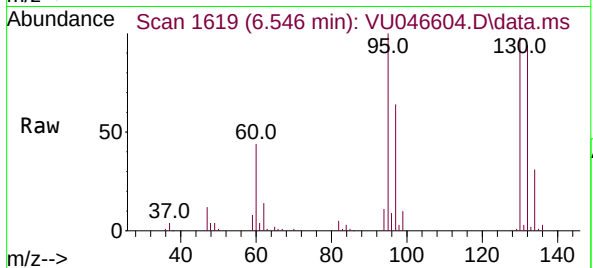




#34
Trichloroethene
Concen: 7.695 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046604.D
Acq: 27 Dec 2021 17:27

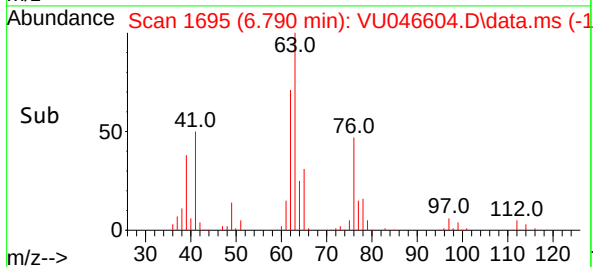
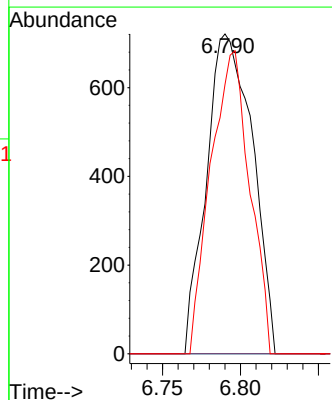
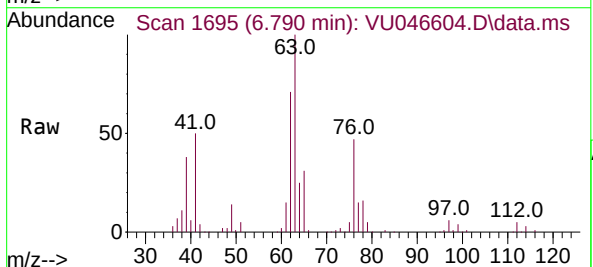
Instrument :
MSVOA_U
ClientSampleId :
C0J11

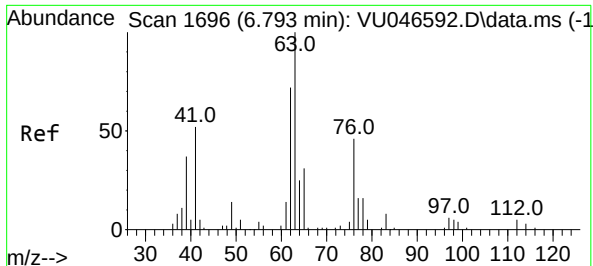
Tgt Ion: 95 Resp: 63694
Ion Ratio Lower Upper
95 100
97 63.6 46.5 86.5
132 93.6 65.1 120.9
130 97.5 67.3 124.9



#35
Methylcyclohexane
Concen: 0.127 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. 0.023 min
Lab File: VU046604.D
Acq: 27 Dec 2021 17:27

Tgt Ion: 83 Resp: 1481
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 80.1 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 25.154 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU046604.D

Acq: 27 Dec 2021 17:27

Instrument :

MSVOA_U

ClientSampleId :

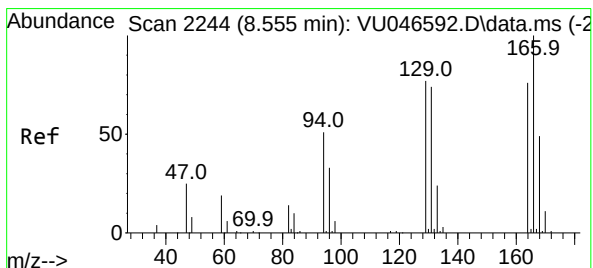
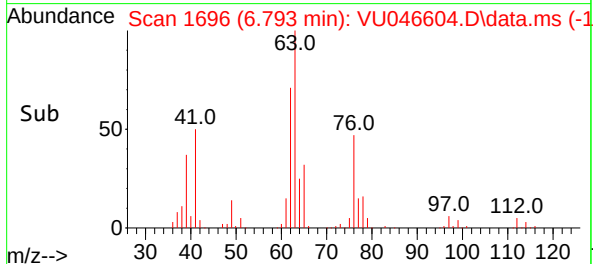
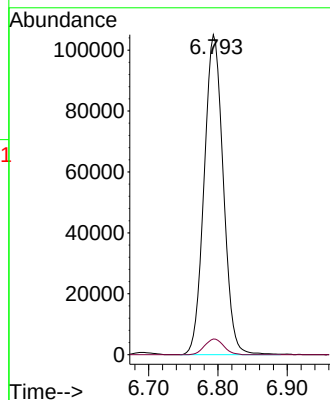
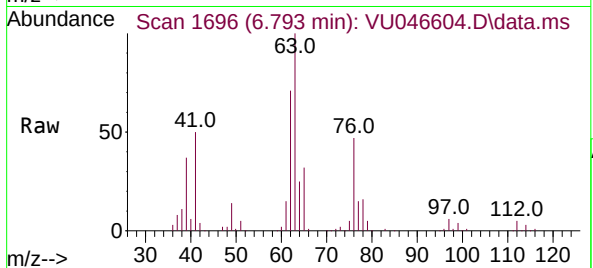
C0J11

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# 2244

Delta R.T. 0.000 min

Lab File: VU046604.D

Acq: 27 Dec 2021 17:27

Tgt Ion: 164 Resp: 1572

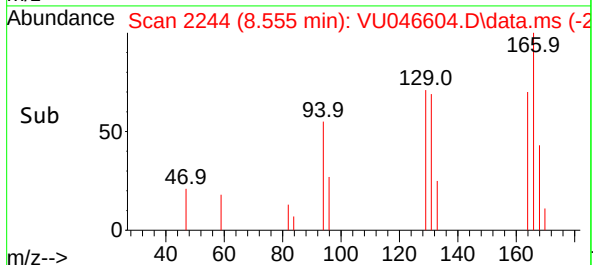
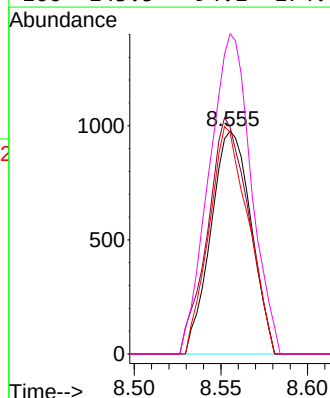
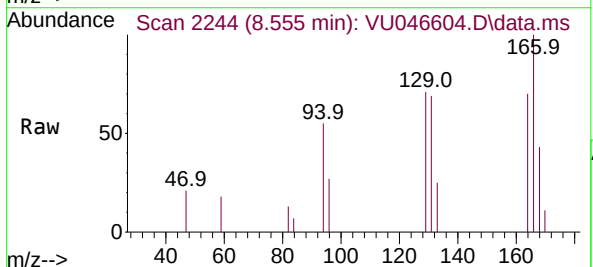
Ion Ratio Lower Upper

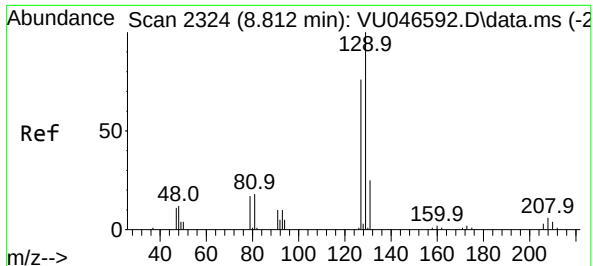
164 100

129 101.7 71.8 133.4

131 99.3 68.5 127.3

166 143.5 94.1 174.8





#49

Dibromochloromethane

Concen: 0.212 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.260 min

Lab File: VU046604.D

Acq: 27 Dec 2021 17:27

Instrument :

MSVOA_U

ClientSampleId :

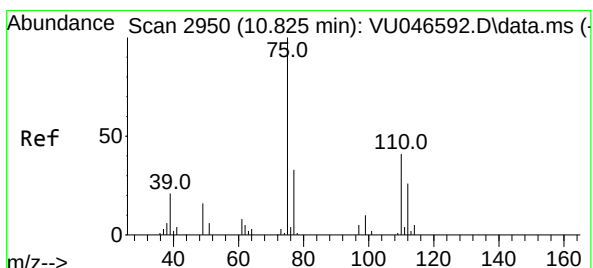
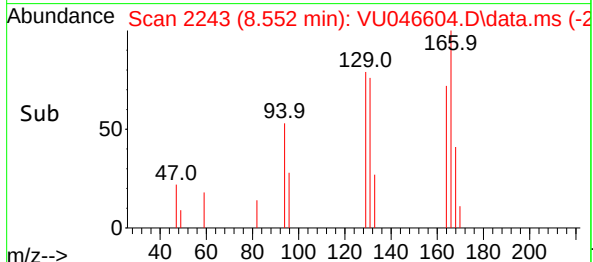
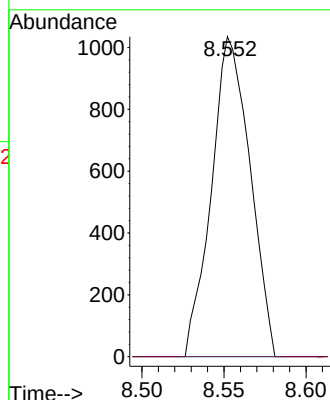
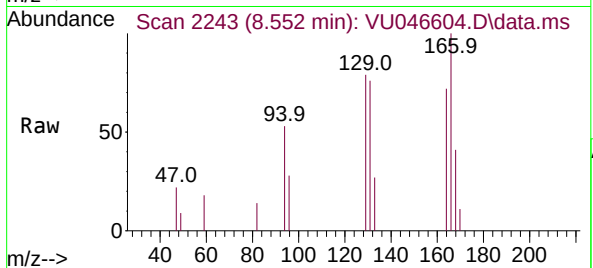
C0J11

Tgt Ion:129 Resp: 1690

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 0.683 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046604.D

Acq: 27 Dec 2021 17:27

Tgt Ion: 75 Resp: 4438

Ion Ratio Lower Upper

75 100

110 0.0 29.9 44.9#

77 32.6 25.5 38.3

