

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011322\
 Data File : VU046753.D
 Acq On : 13 Jan 2022 13:35
 Operator : SY/MD
 Sample : N1101-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 13 23:13:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 10 00:25:50 2022
 Response via : Initial Calibration

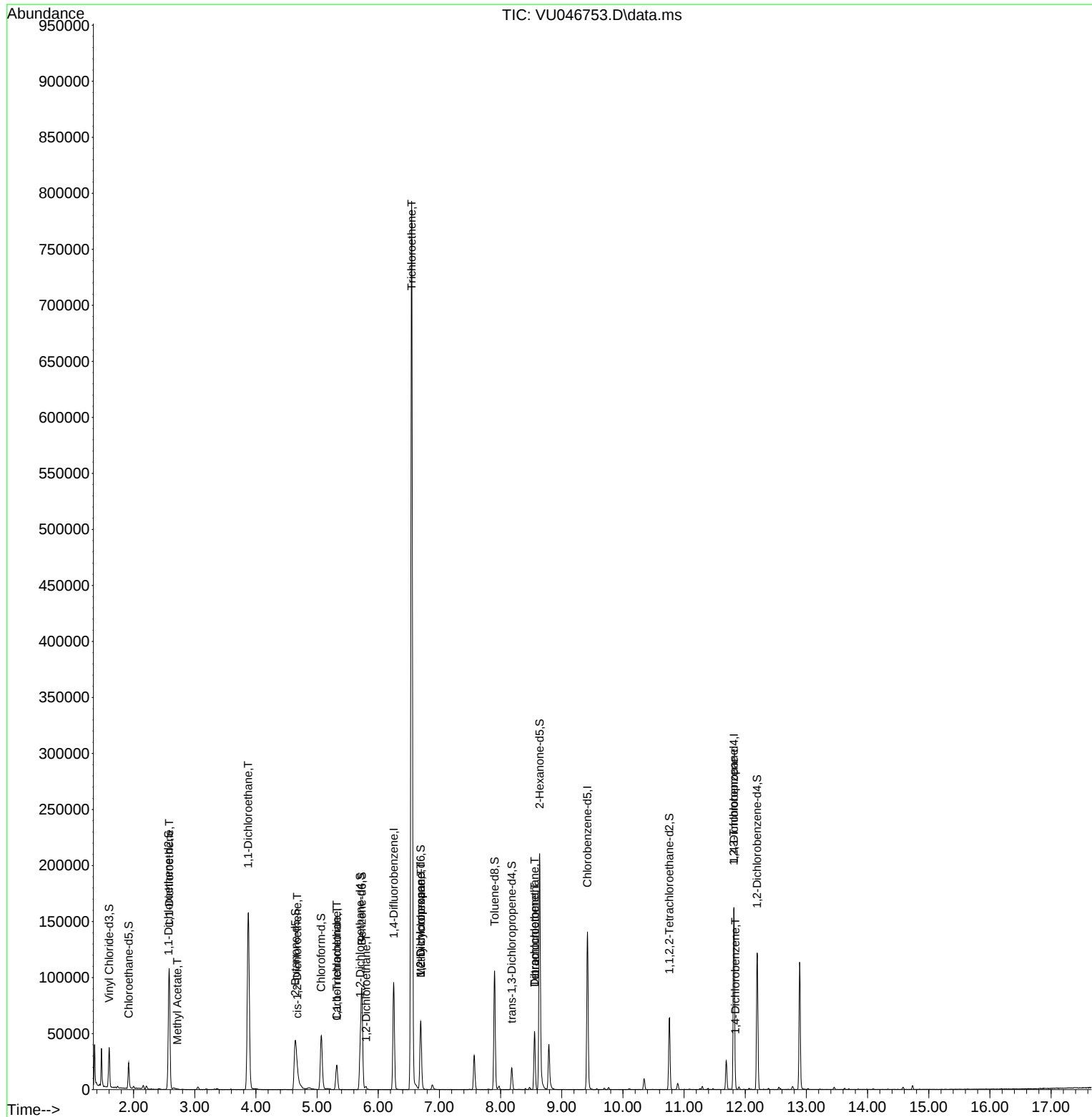
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	78368	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	81686	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	43687	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	19239	3.117	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.400%
7) Chloroethane-d5	1.919	69	17528	3.606	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.200%
11) 1,1-Dichloroethene-d2	2.571	65	9000	3.458	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	4.645	46	98286	54.892	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.780%
24) Chloroform-d	5.067	84	46593	4.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	5.703	65	27070	4.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
32) Benzene-d6	5.732	84	86129	3.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.600%
36) 1,2-Dichloropropane-d6	6.693	67	29306	4.283	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.902	98	71651	3.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.400%#
43) trans-1,3-Dichloroprop...	8.182	79	11971	3.783	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.639	63	82232	44.258	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.520%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	31024	4.418	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	33111	4.115	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.584	96	29228	4.240	ug/L #	74
15) Methyl Acetate	2.713	43	559	0.165	ug/L #	51
19) 1,1-Dichloroethane	3.874	63	181301	13.381	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	674	0.084	ug/L	93
27) 1,2-Dichloroethane	5.800	62	2266	0.217	ug/L #	73
29) 1,1,1-Trichloroethane	5.324	97	16941	1.254	ug/L	96
31) Carbon tetrachloride	5.321	117	2081	0.184	ug/L	93
34) Trichloroethene	6.546	95	272645	31.866	ug/L	97
35) Methylcyclohexane	6.697	83	7151	0.593	ug/L #	24
37) 1,2-Dichloropropane	6.693	63	3083	0.372	ug/L #	88
47) Tetrachloroethene	8.555	164	11607	1.917	ug/L	90
49) Dibromochloromethane	8.555	129	11306	1.373	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5507	0.759	ug/L #	72
65) 1,4-Dichlorobenzene	11.841	146	1262	0.075	ug/L	84

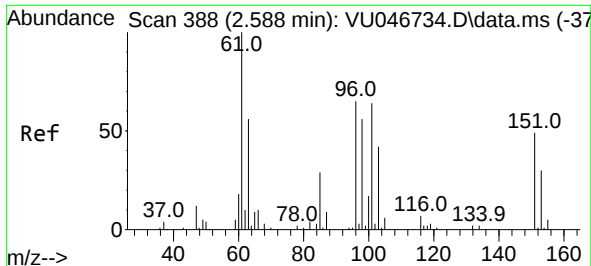
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.240 ug/L

RT: 2.584 min Scan# 3

Delta R.T. 0.006 min

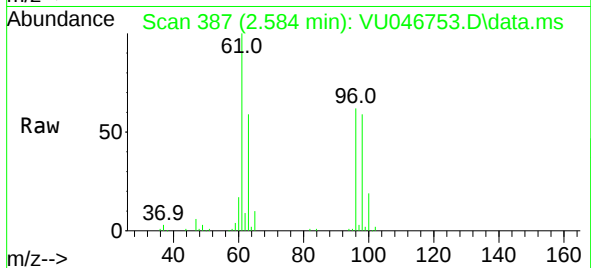
Lab File: VU046753.D

Acq: 13 Jan 2022 13:35

Instrument :

MSVOA_U

ClientSampleId :



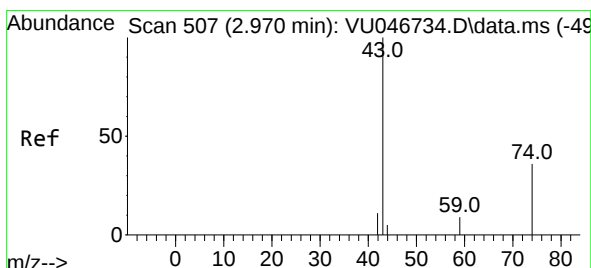
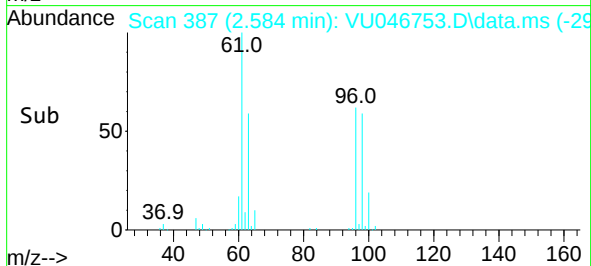
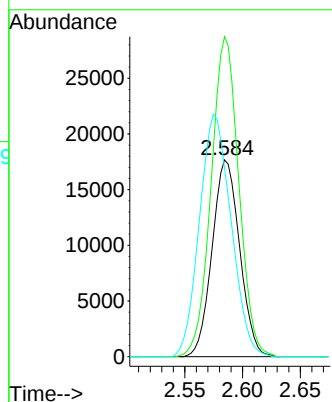
Tgt Ion: 96 Resp: 29228

Ion Ratio Lower Upper

96 100

61 162.5 124.7 231.5

63 95.7 105.2 195.4#



#15

Methyl Acetate

Concen: 0.165 ug/L

RT: 2.713 min Scan# 427

Delta R.T. -0.251 min

Lab File: VU046753.D

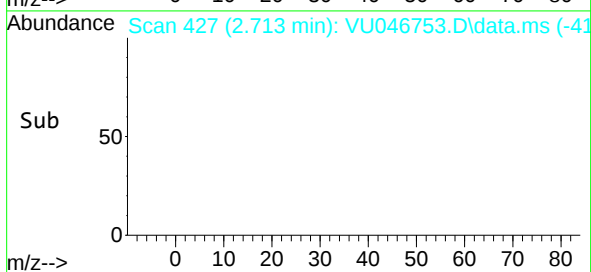
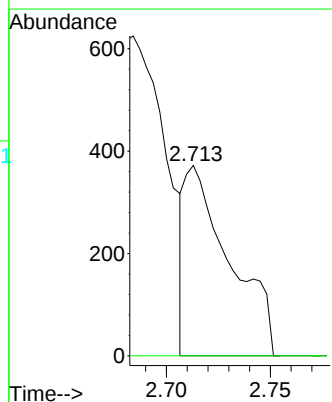
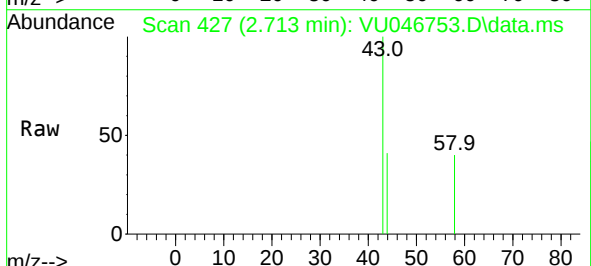
Acq: 13 Jan 2022 13:35

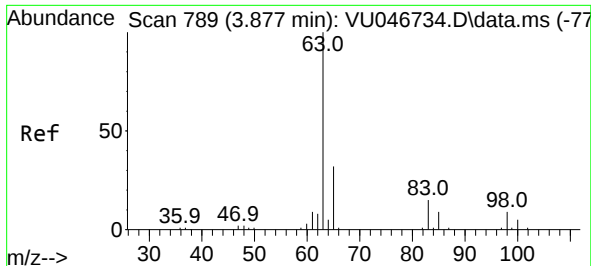
Tgt Ion: 43 Resp: 559

Ion Ratio Lower Upper

43 100

74 0.0 19.1 28.7#





#19

1,1-Dichloroethane

Concen: 13.381 ug/L

RT: 3.874 min Scan# 71

Delta R.T. 0.006 min

Lab File: VU046753.D

Acq: 13 Jan 2022 13:35

Instrument :

MSVOA_U

ClientSampleId :

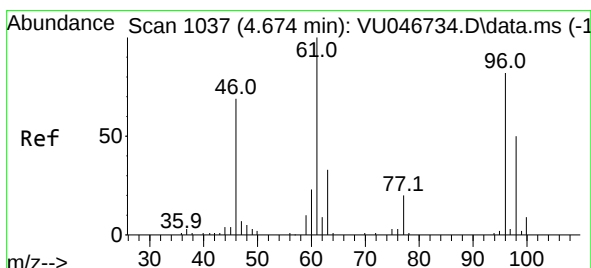
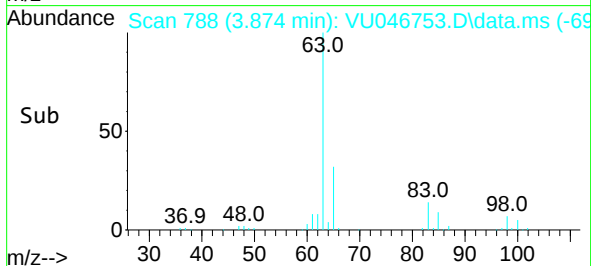
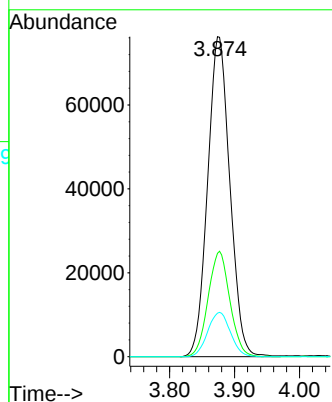
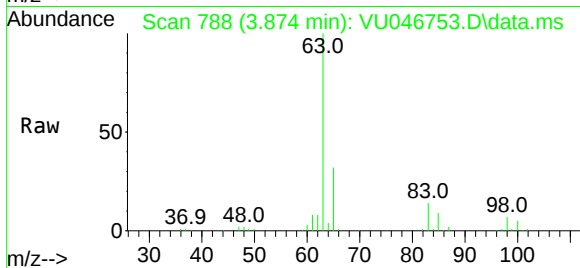
Tgt Ion: 63 Resp: 181301

Ion Ratio Lower Upper

63 100

65 32.3 22.3 41.5

83 13.6 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 0.084 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. 0.010 min

Lab File: VU046753.D

Acq: 13 Jan 2022 13:35

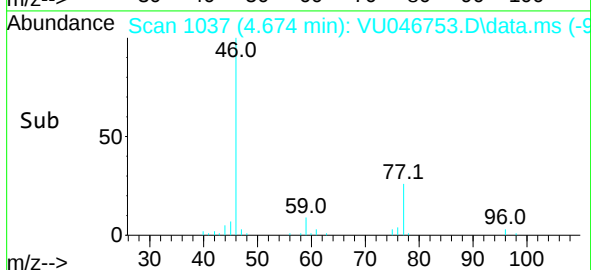
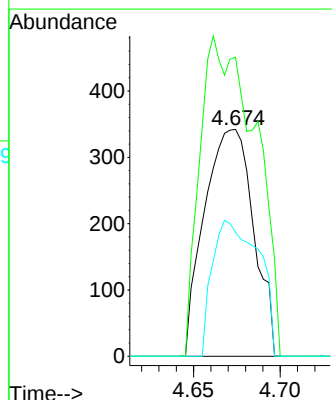
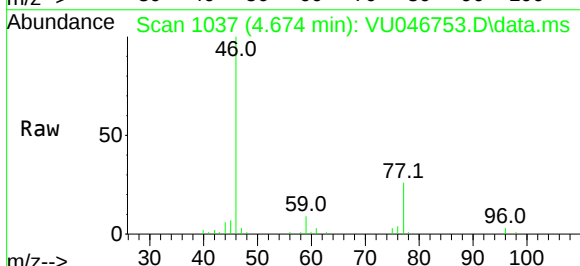
Tgt Ion: 96 Resp: 674

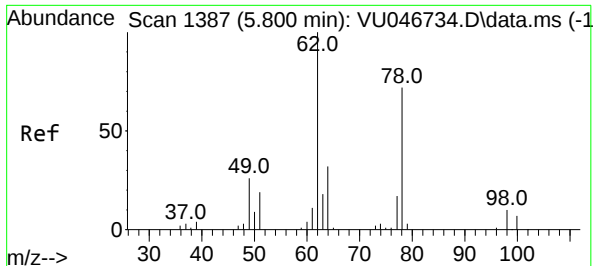
Ion Ratio Lower Upper

96 100

61 131.9 88.5 164.3

98 54.7 44.4 82.5





#27

1,2-Dichloroethane

Concen: 0.217 ug/L

RT: 5.800 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU046753.D

Acq: 13 Jan 2022 13:35

Instrument :

MSVOA_U

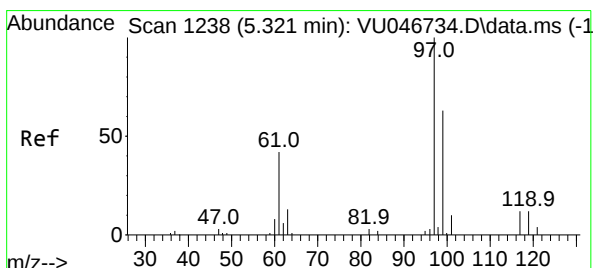
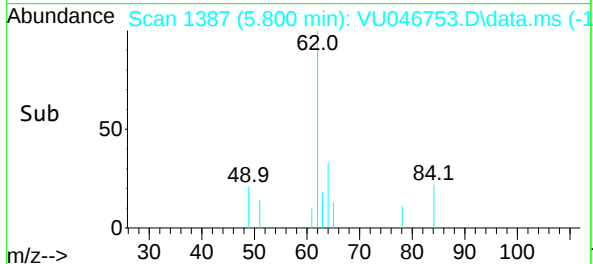
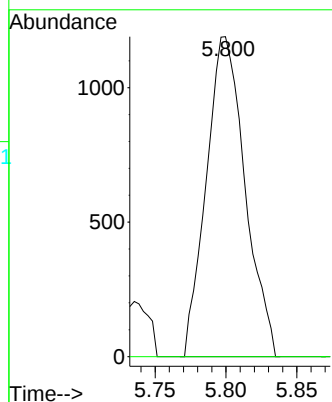
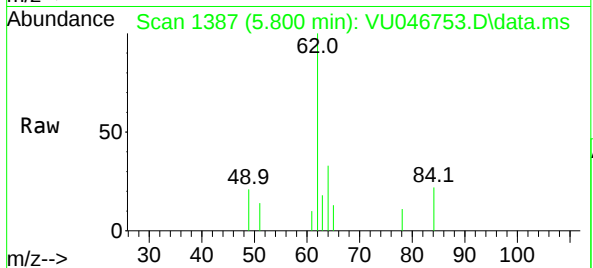
ClientSampleId :

Tgt Ion: 62 Resp: 2266

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#



#29

1,1,1-Trichloroethane

Concen: 1.254 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VU046753.D

Acq: 13 Jan 2022 13:35

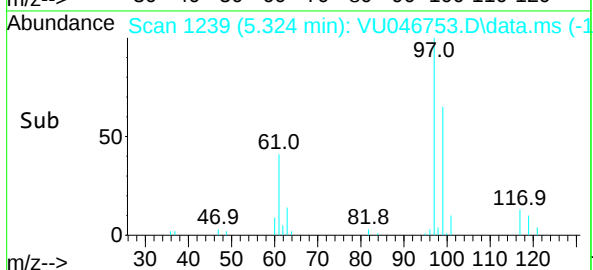
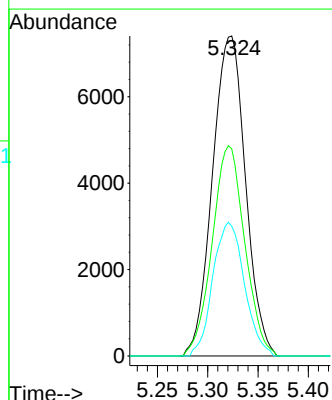
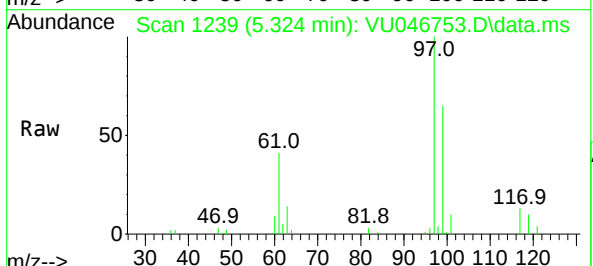
Tgt Ion: 97 Resp: 16941

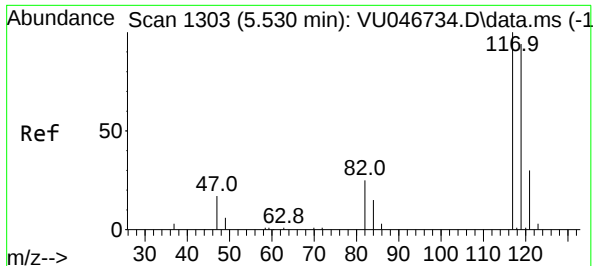
Ion Ratio Lower Upper

97 100

99 64.7 51.3 76.9

61 39.9 36.1 54.1

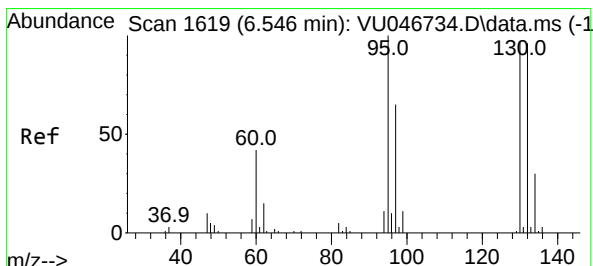
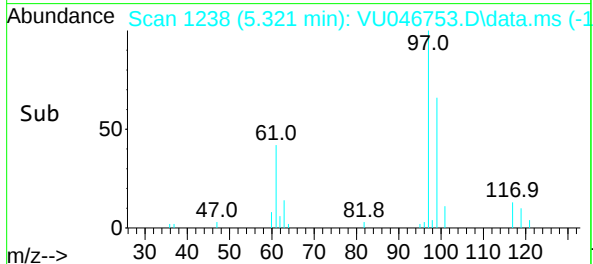
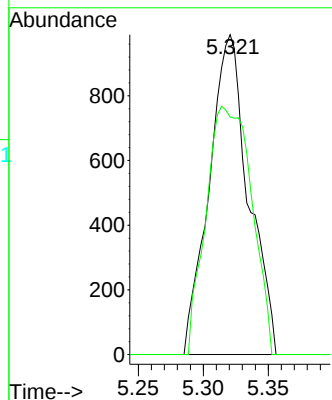
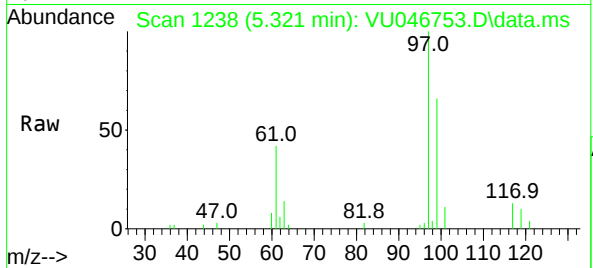




#31
Carbon tetrachloride
Concen: 0.184 ug/L
RT: 5.321 min Scan# 117
Delta R.T. -0.206 min
Lab File: VU046753.D
Acq: 13 Jan 2022 13:35

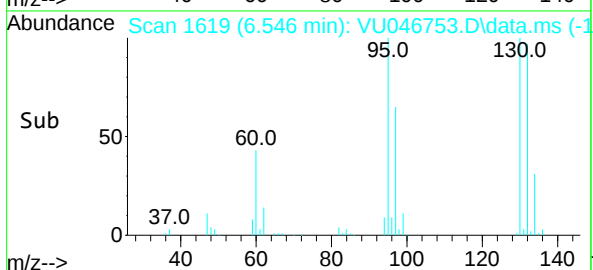
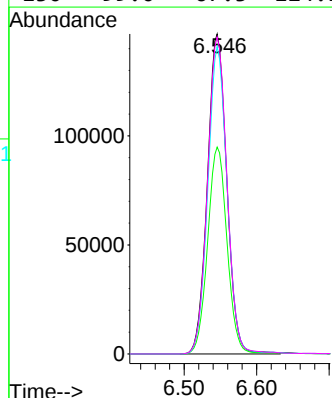
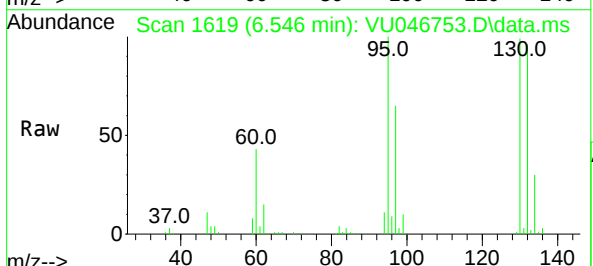
Instrument :
MSVOA_U
ClientSampleId :

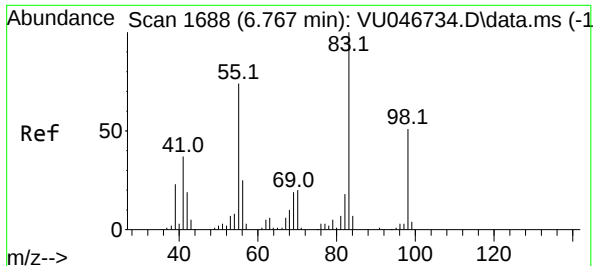
Tgt Ion:117 Resp: 2081
Ion Ratio Lower Upper
117 100
119 90.0 77.5 116.3



#34
Trichloroethene
Concen: 31.866 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU046753.D
Acq: 13 Jan 2022 13:35

Tgt Ion: 95 Resp: 272645
Ion Ratio Lower Upper
95 100
97 64.6 46.5 86.5
132 96.0 65.1 120.9
130 99.0 67.3 124.9





#35

Methylcyclohexane

Concen: 0.593 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.068 min

Lab File: VU046753.D

Acq: 13 Jan 2022 13:35

Instrument :

MSVOA_U

ClientSampleId :

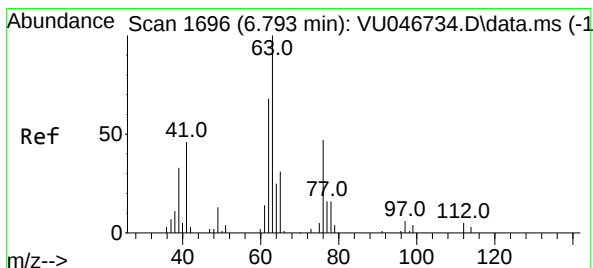
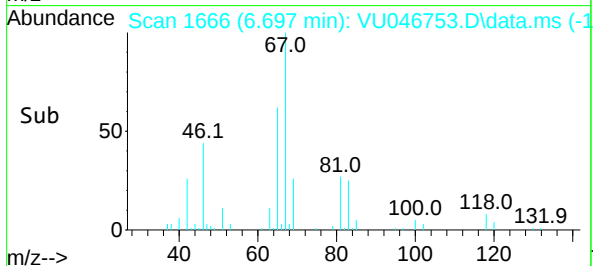
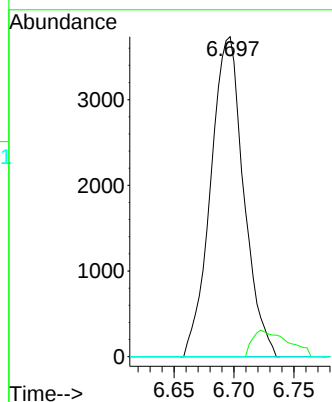
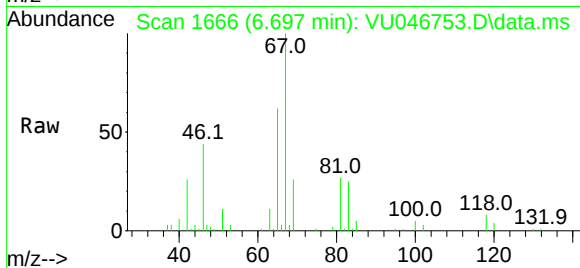
Tgt Ion: 83 Resp: 7151

Ion Ratio Lower Upper

83 100

55 8.8 61.9 92.9#

98 0.0 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.372 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.097 min

Lab File: VU046753.D

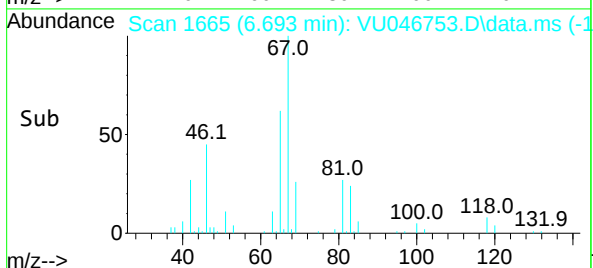
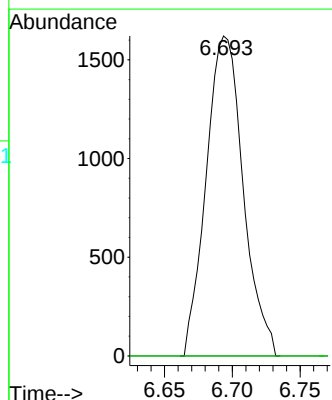
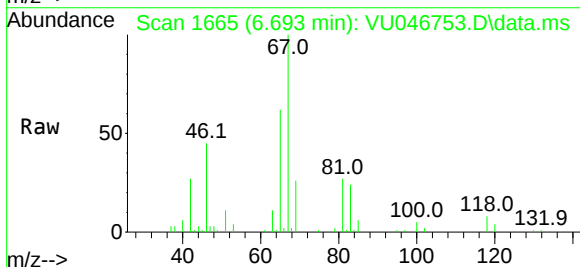
Acq: 13 Jan 2022 13:35

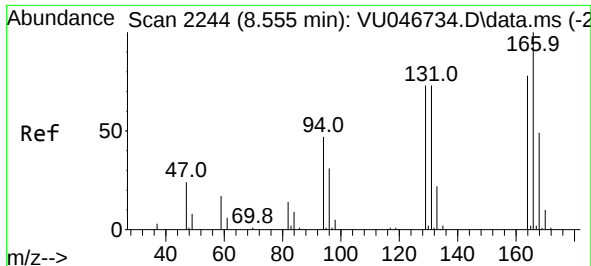
Tgt Ion: 63 Resp: 3083

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#47

Tetrachloroethene

Concen: 1.917 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.000 min

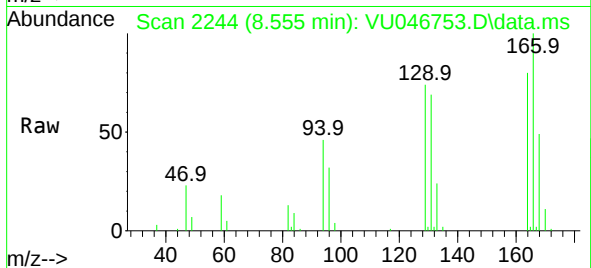
Lab File: VU046753.D

Acq: 13 Jan 2022 13:35

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Tgt Ion:164 Resp: 11607

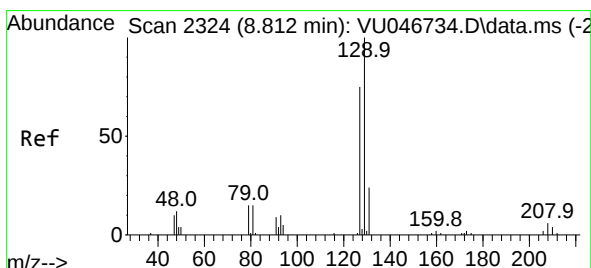
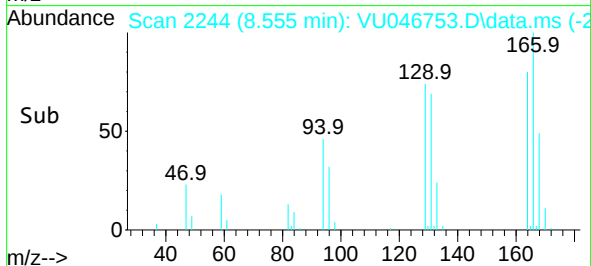
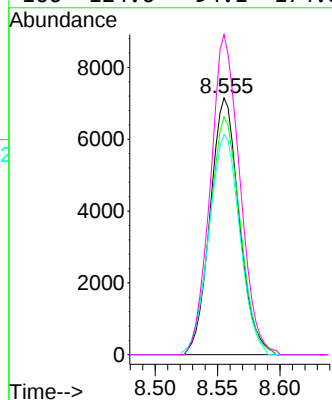
Ion Ratio Lower Upper

164 100

129 92.6 71.8 133.4

131 85.8 68.5 127.3

166 124.6 94.1 174.8



#49

Dibromochloromethane

Concen: 1.373 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU046753.D

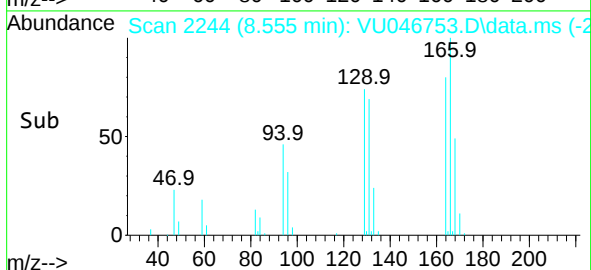
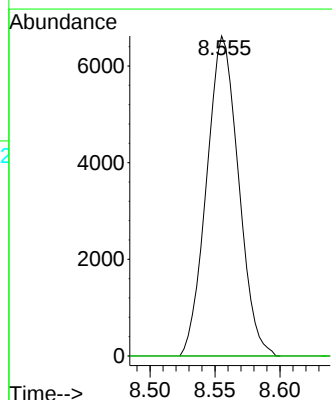
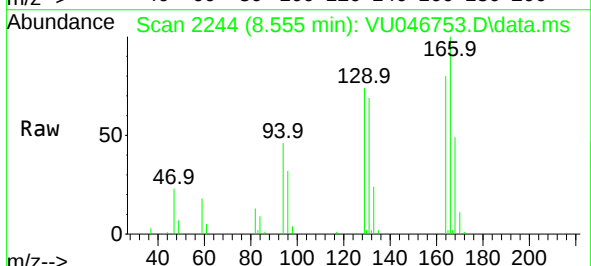
Acq: 13 Jan 2022 13:35

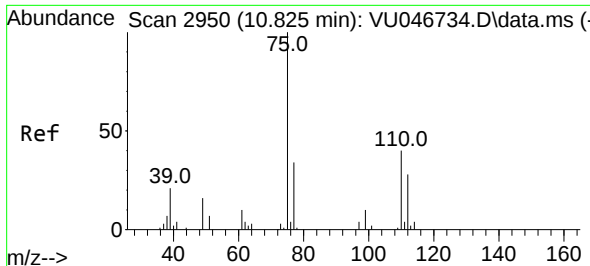
Tgt Ion:129 Resp: 11306

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#

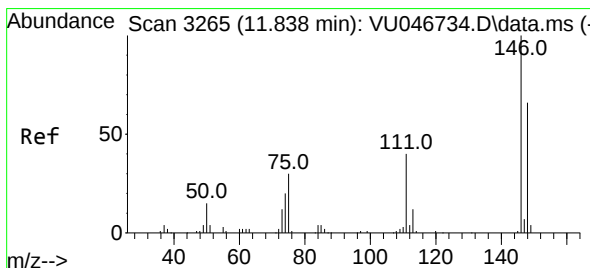
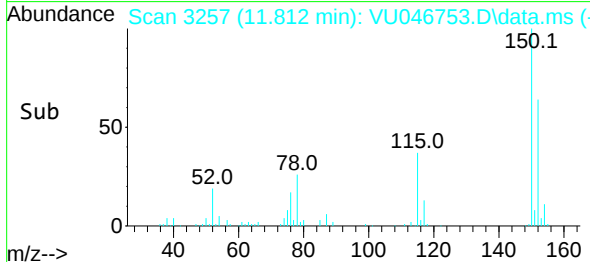
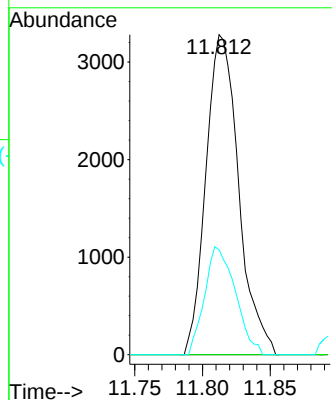
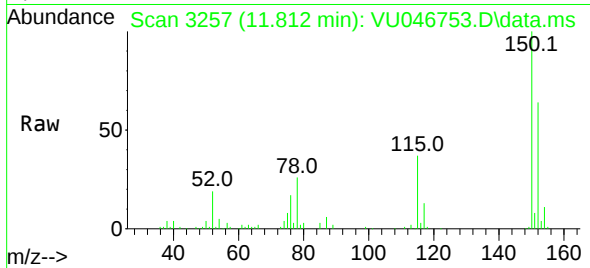




#61
 1,2,3-Trichloropropane
 Concen: 0.759 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046753.D
 Acq: 13 Jan 2022 13:35

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 5507
 Ion Ratio Lower Upper
 75 100
 110 6.2 29.9 44.9#
 77 31.7 25.5 38.3



#65
 1,4-Dichlorobenzene
 Concen: 0.075 ug/L
 RT: 11.841 min Scan# 3266
 Delta R.T. 0.003 min
 Lab File: VU046753.D
 Acq: 13 Jan 2022 13:35

Tgt Ion: 146 Resp: 1262
 Ion Ratio Lower Upper
 146 100
 111 35.9 28.7 53.3
 148 48.3 45.8 85.0

