

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012022\
 Data File : VU046805.D
 Acq On : 20 Jan 2022 12:46
 Operator : SY/MD
 Sample : N1194-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 20 14:42:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 20 02:00:32 2022
 Response via : Initial Calibration

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

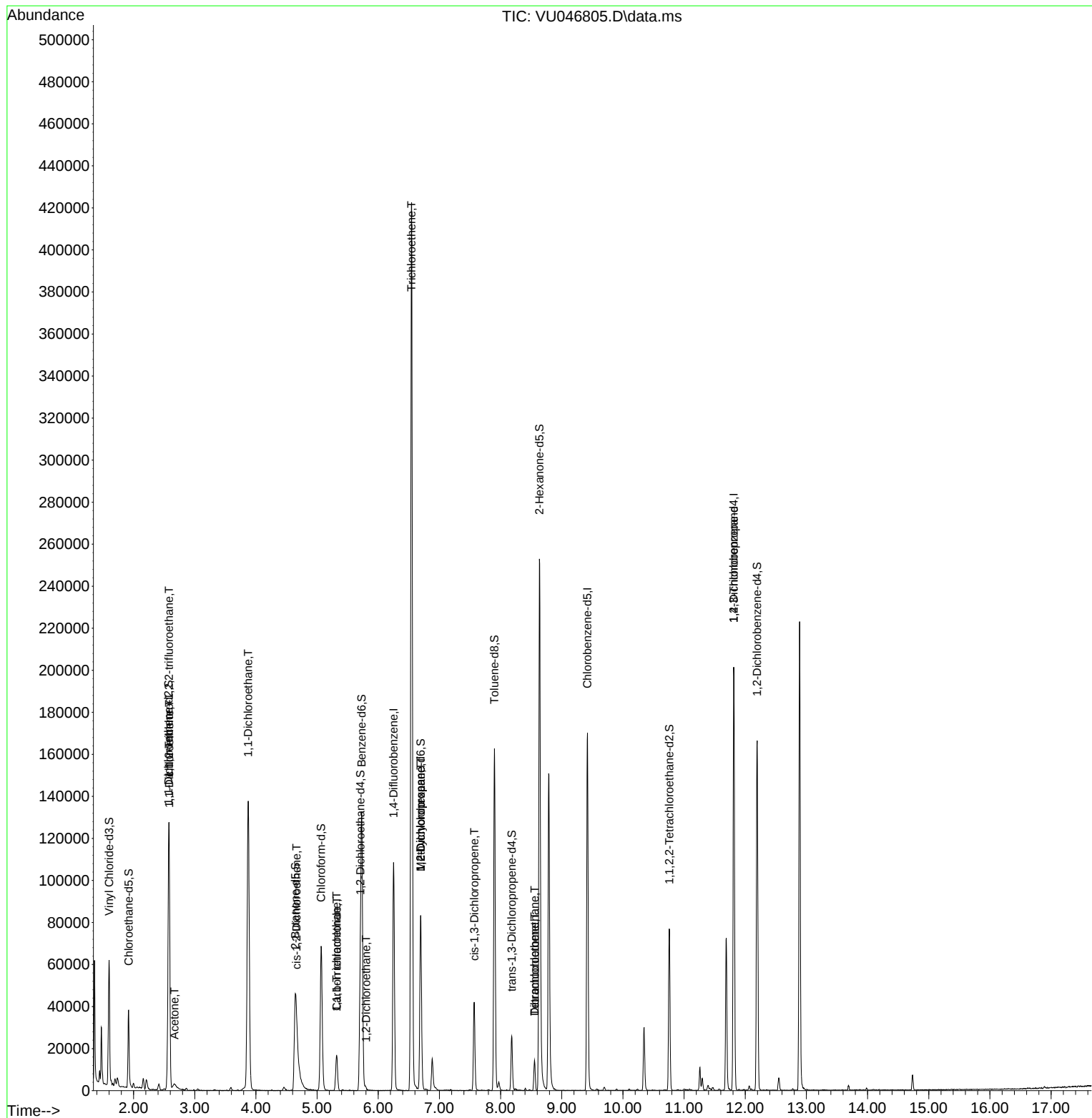
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	91510	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	99412	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	55265	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	34268	4.419	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.919	69	28302	4.632	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.571	65	14446	4.683	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.600%
20) 2-Butanone-d5	4.645	46	112472	48.961	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.920%
24) Chloroform-d	5.066	84	64002	4.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.706	65	36072	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.729	84	130039	4.451	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.693	67	40689	4.638	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.899	98	111537	4.171	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	8.182	79	15927	4.134	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.635	63	100124	43.892	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.780%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38691	4.393	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	45347	4.375	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.600%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	496	0.093	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	27268	5.337	ug/L	84
13) Acetone	2.668	43	8405	6.727	ug/L	61
19) 1,1-Dichloroethane	3.874	63	159217	17.137	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	529	0.091	ug/L	85
27) 1,2-Dichloroethane	5.800	62	882	0.136	ug/L #	73
29) 1,1,1-Trichloroethane	5.317	97	12757	1.425	ug/L	98
31) Carbon tetrachloride	5.321	117	1644	0.214	ug/L	91
34) Trichloroethene	6.542	95	147262	24.233	ug/L	97
35) Methylcyclohexane	6.693	83	9948	0.977	ug/L #	25
37) 1,2-Dichloropropane	6.693	63	4318	0.752	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	1021	0.114	ug/L #	48
47) Tetrachloroethene	8.555	164	3226	0.653	ug/L	94
49) Dibromochloromethane	8.555	129	3135	0.544	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	6133	1.310	ug/L #	65

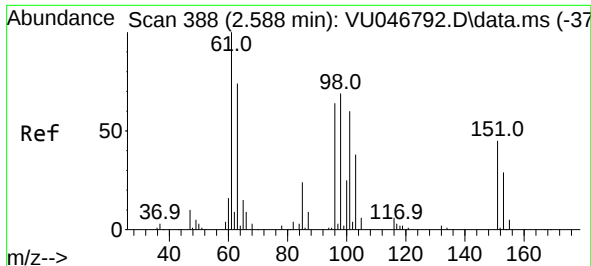
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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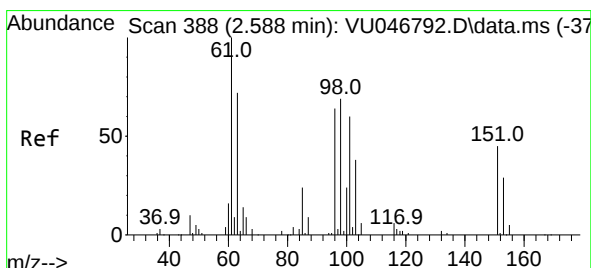
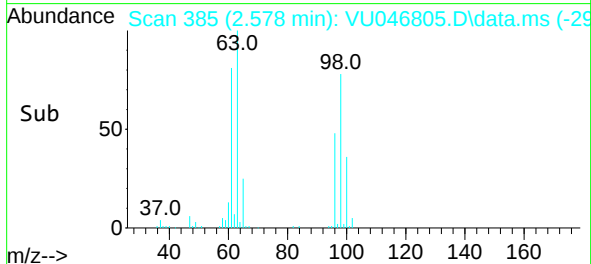
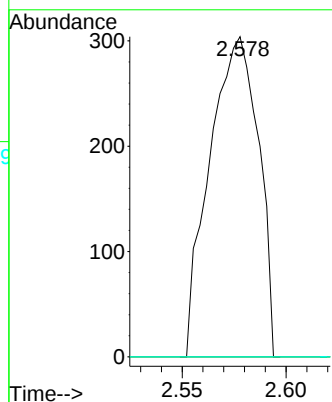
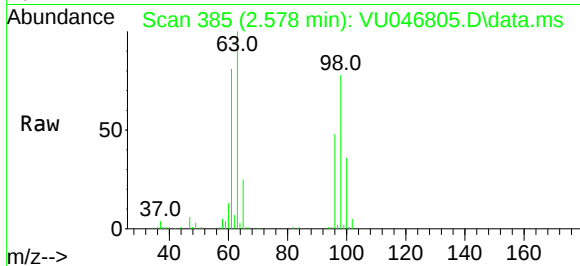




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.093 ug/L
 RT: 2.578 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VU046805.D
 Acq: 20 Jan 2022 12:46

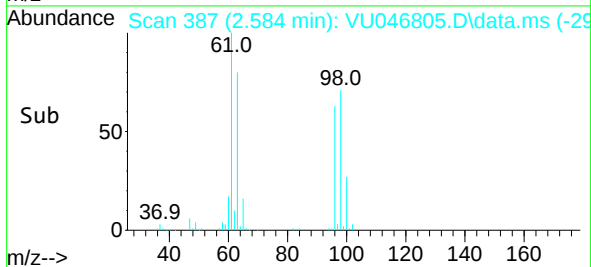
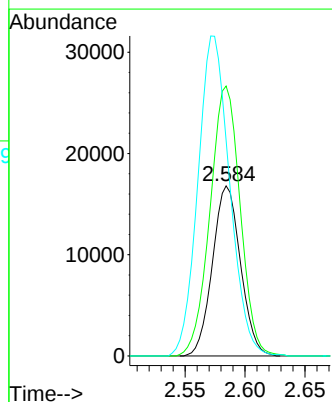
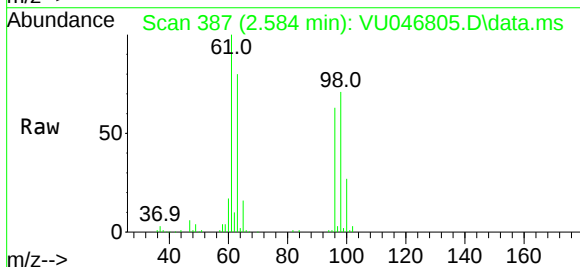
Instrument :
 MSVOA_U
 ClientSampleId :

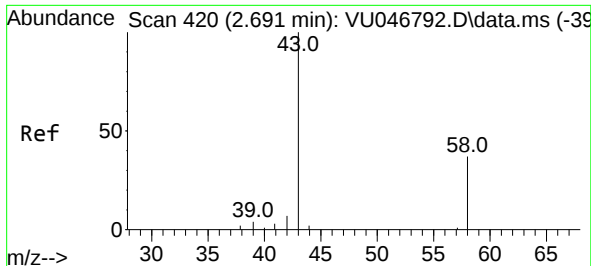
Tgt Ion:101 Resp: 496
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 5.337 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU046805.D
 Acq: 20 Jan 2022 12:46

Tgt Ion: 96 Resp: 27268
 Ion Ratio Lower Upper
 96 100
 61 158.6 124.7 231.5
 63 126.7 105.2 195.4





#13

Acetone

Concen: 6.727 ug/L

RT: 2.668 min Scan# 41

Delta R.T. -0.023 min

Lab File: VU046805.D

Acq: 20 Jan 2022 12:46

Instrument :

MSVOA_U

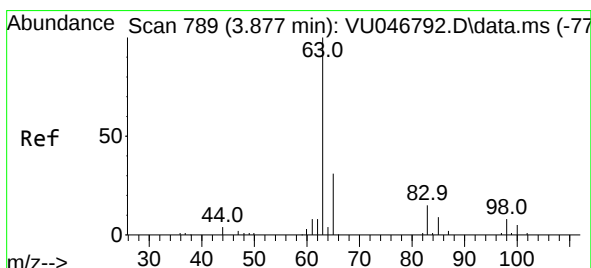
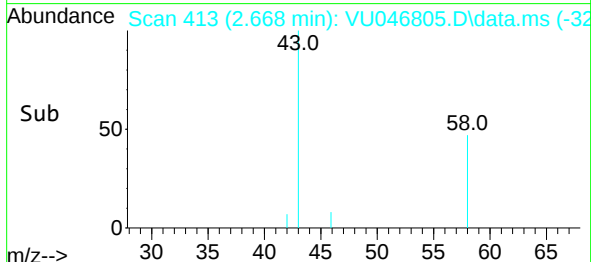
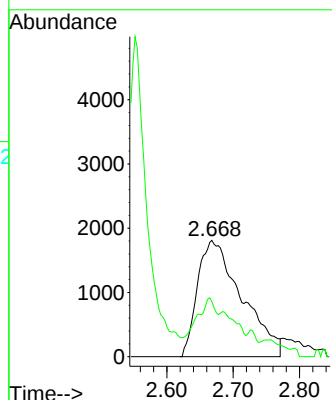
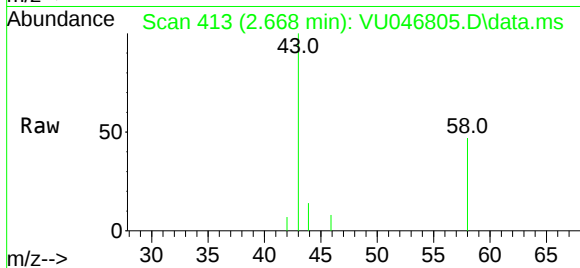
ClientSampleId :

Tgt Ion: 43 Resp: 8405

Ion Ratio Lower Upper

43 100

58 13.1 0.0 71.6



#19

1,1-Dichloroethane

Concen: 17.137 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU046805.D

Acq: 20 Jan 2022 12:46

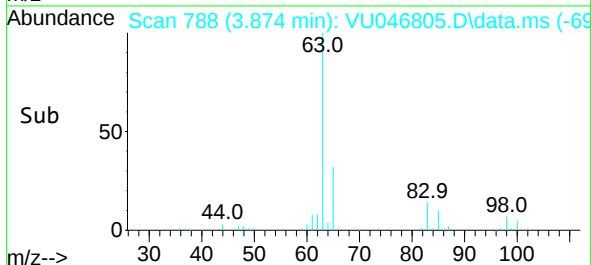
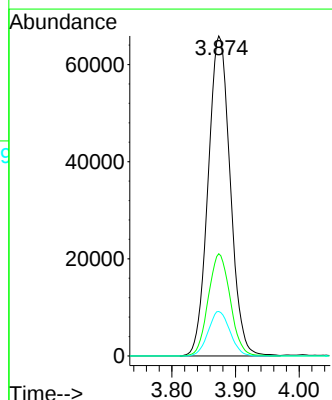
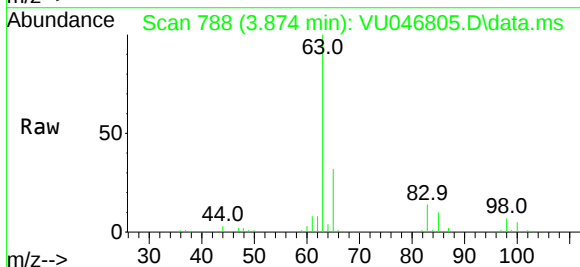
Tgt Ion: 63 Resp: 159217

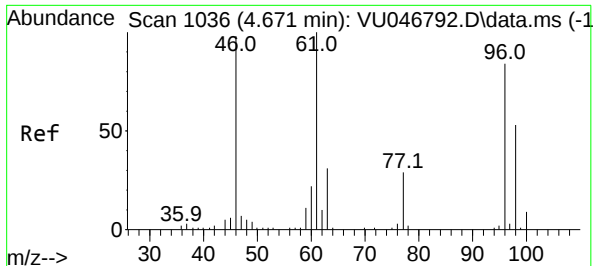
Ion Ratio Lower Upper

63 100

65 31.9 22.3 41.5

83 13.9 9.6 17.8





#22

cis-1,2-Dichloroethene

Concen: 0.091 ug/L

RT: 4.665 min Scan# 1036

Delta R.T. -0.007 min

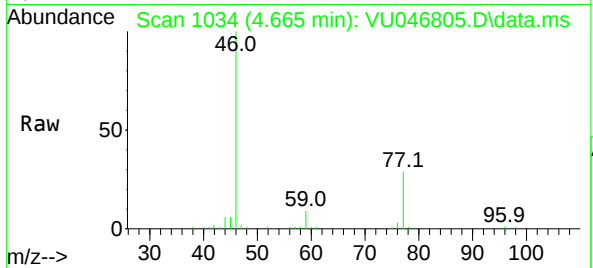
Lab File: VU046805.D

Acq: 20 Jan 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :



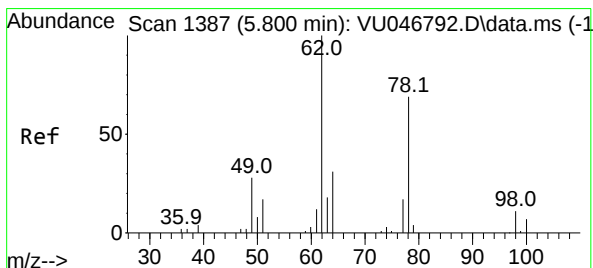
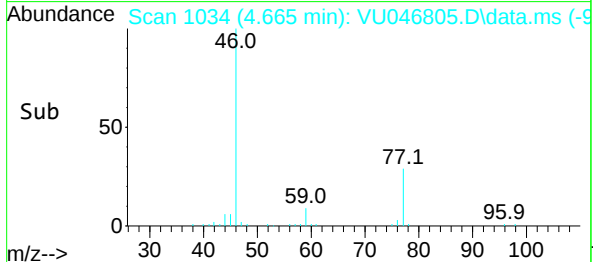
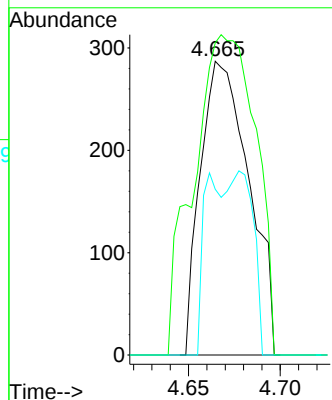
Tgt Ion: 96 Resp: 529

Ion Ratio Lower Upper

96 100

61 106.3 88.5 164.3

98 56.4 44.4 82.5



#27

1,2-Dichloroethane

Concen: 0.136 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU046805.D

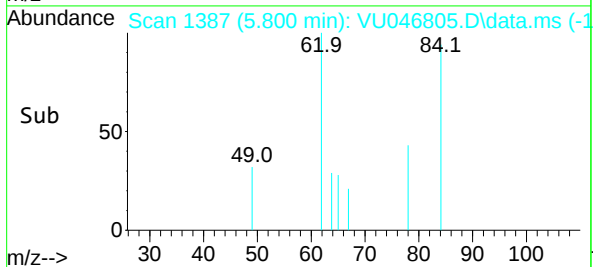
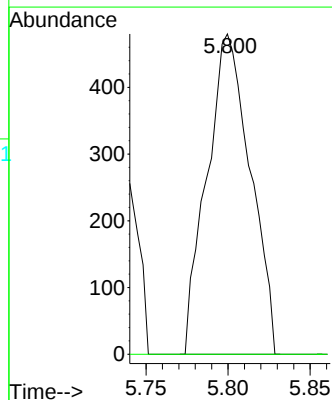
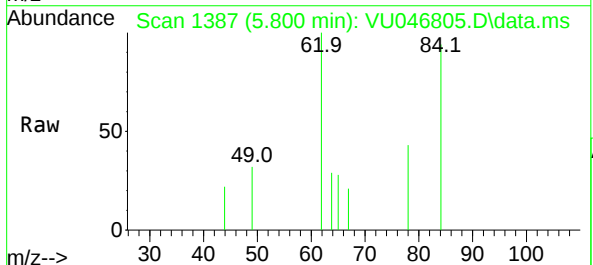
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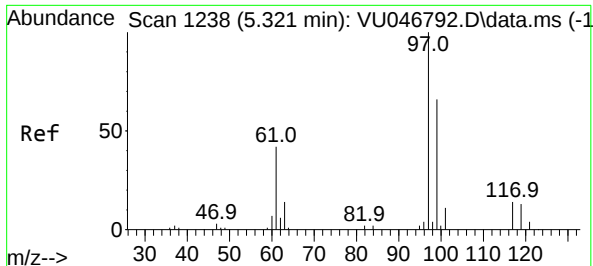
Tgt Ion: 62 Resp: 882

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#





#29

1,1,1-Trichloroethane

Concen: 1.425 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.003 min

Lab File: VU046805.D

Acq: 20 Jan 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :

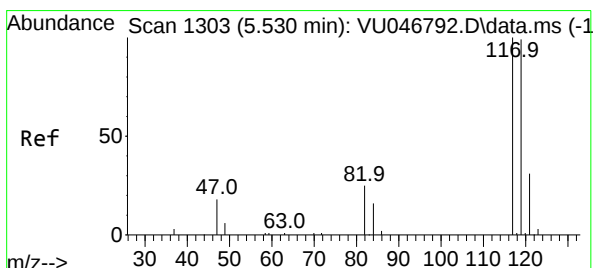
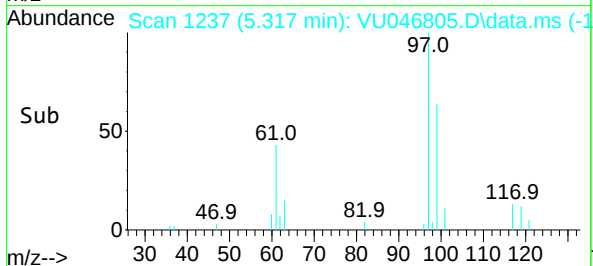
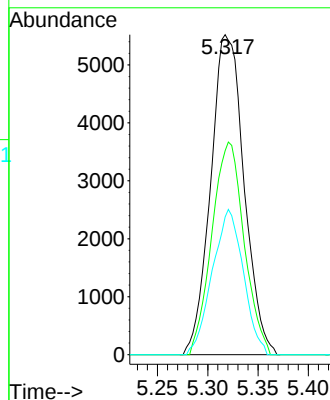
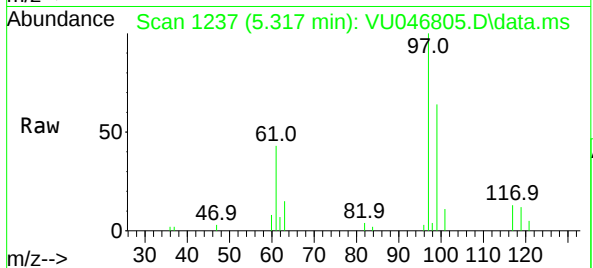
Tgt Ion: 97 Resp: 12757

Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 42.2 36.1 54.1



#31

Carbon tetrachloride

Concen: 0.214 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.209 min

Lab File: VU046805.D

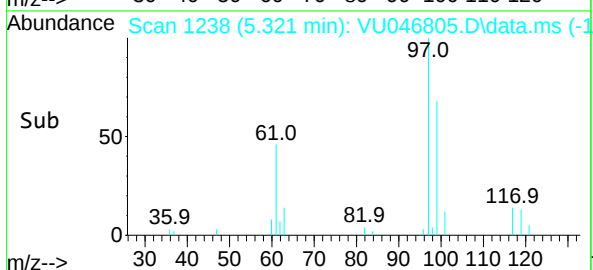
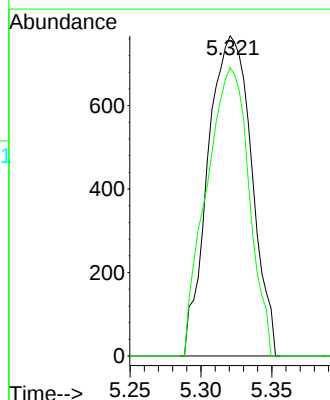
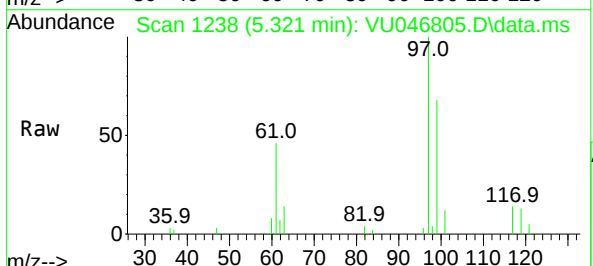
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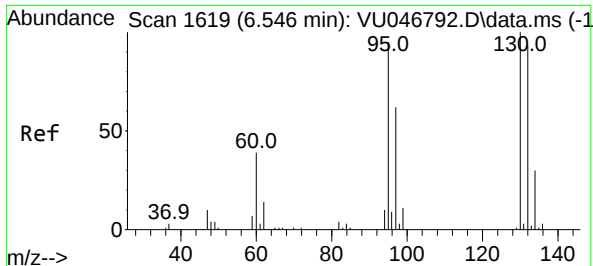
Tgt Ion: 117 Resp: 1644

Ion Ratio Lower Upper

117 100

119 87.8 77.5 116.3

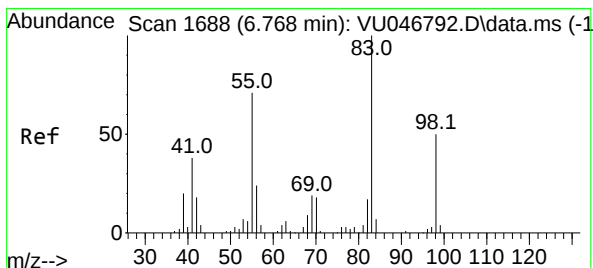
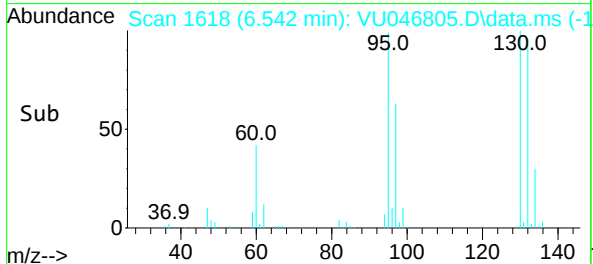
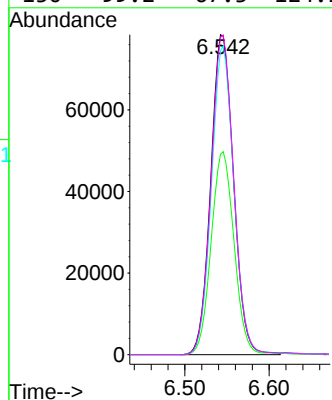
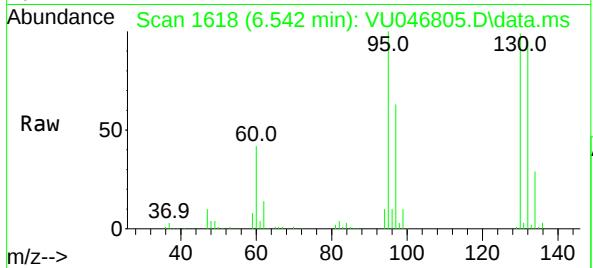




#34
Trichloroethene
Concen: 24.233 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU046805.D
Acq: 20 Jan 2022 12:46

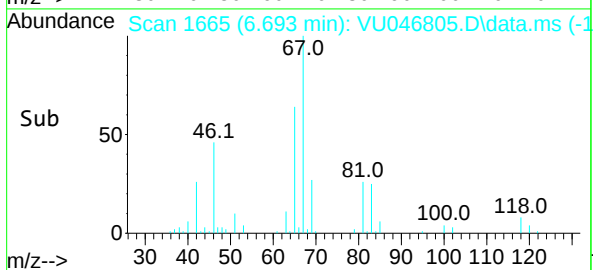
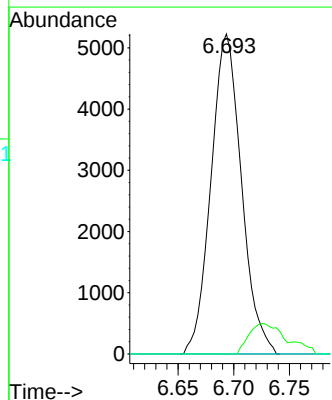
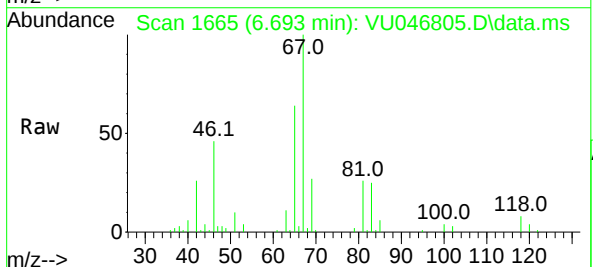
Instrument :
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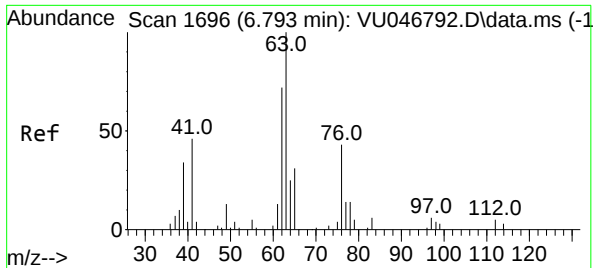
Tgt Ion: 95 Resp: 147262
Ion Ratio Lower Upper
95 100
97 62.6 46.5 86.5
132 95.1 65.1 120.9
130 99.2 67.3 124.9



#35
Methylcyclohexane
Concen: 0.977 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046805.D
Acq: 20 Jan 2022 12:46

Tgt Ion: 83 Resp: 9948
Ion Ratio Lower Upper
83 100
55 10.0 61.9 92.9#
98 1.1 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.752 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046805.D

Acq: 20 Jan 2022 12:46

Instrument :

MSVOA_U

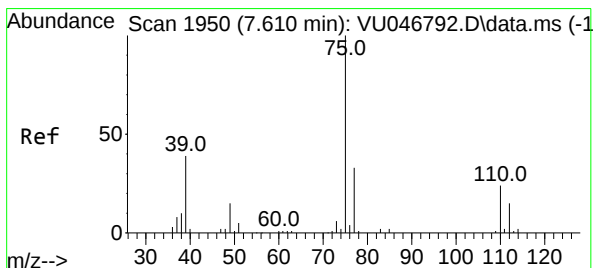
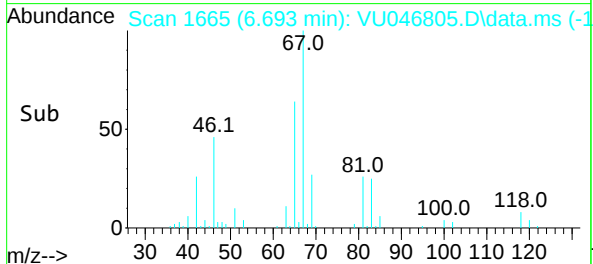
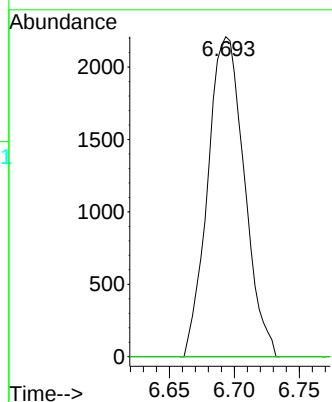
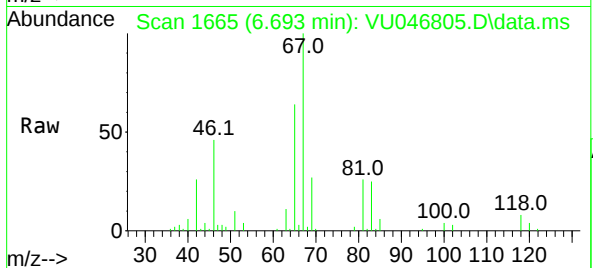
ClientSampleId :

Tgt Ion: 63 Resp: 4318

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.114 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.039 min

Lab File: VU046805.D

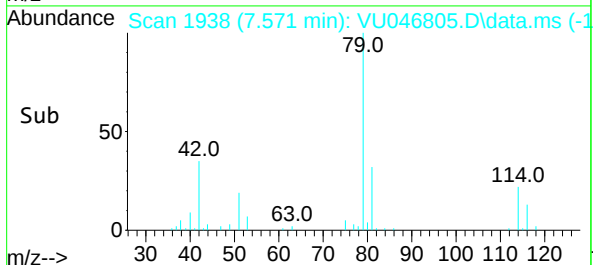
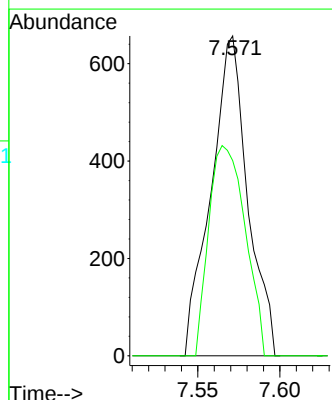
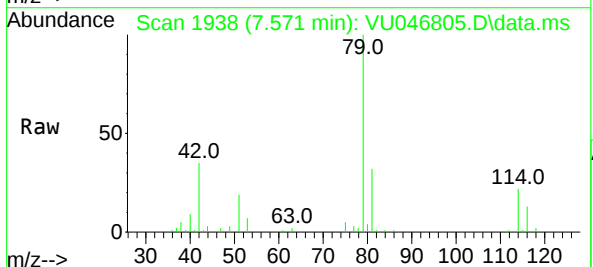
Acq: 20 Jan 2022 12:46

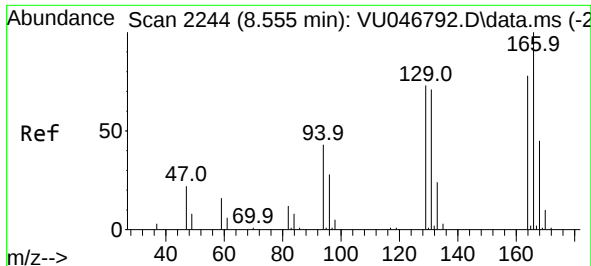
Tgt Ion: 75 Resp: 1021

Ion Ratio Lower Upper

75 100

77 61.0 22.5 41.9#





#47

Tetrachloroethene

Concen: 0.653 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.000 min

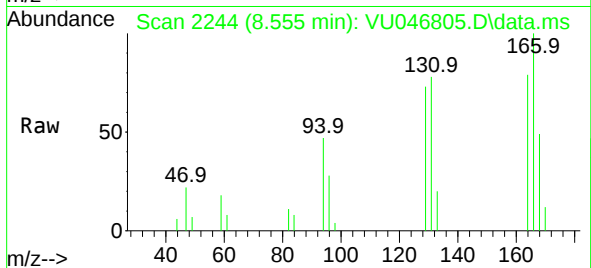
Lab File: VU046805.D

Acq: 20 Jan 2022 12:46

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 3226

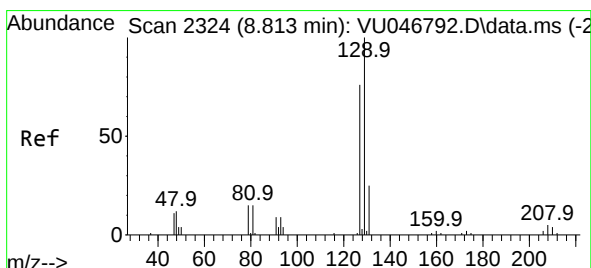
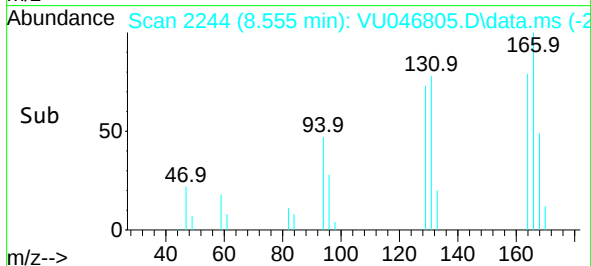
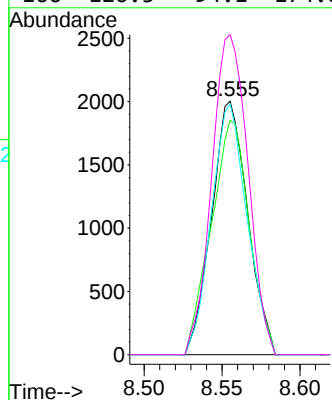
Ion Ratio Lower Upper

164 100

129 92.5 71.8 133.4

131 99.0 68.5 127.3

166 126.3 94.1 174.8



#49

Dibromochloromethane

Concen: 0.544 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU046805.D

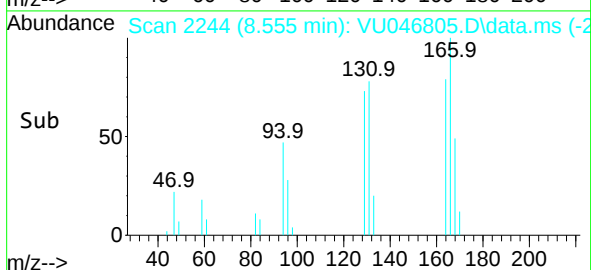
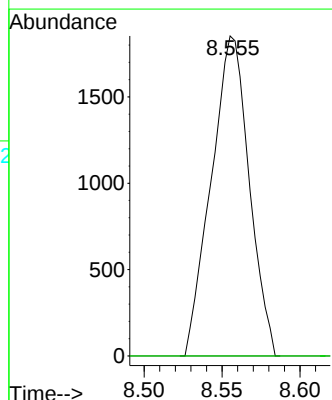
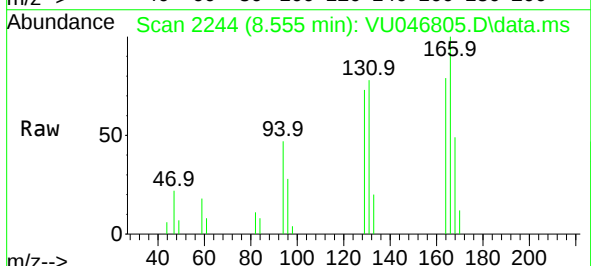
Acq: 20 Jan 2022 12:46

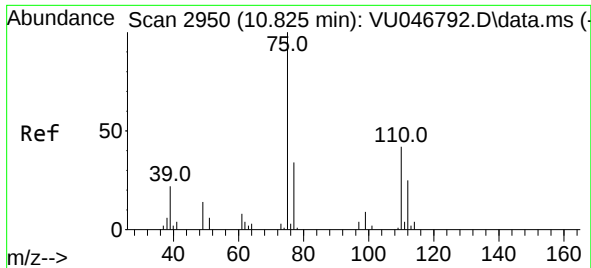
Tgt Ion:129 Resp: 3135

Ion Ratio Lower Upper

129 100

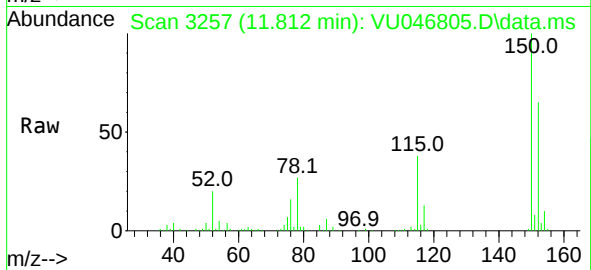
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.310 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046805.D
 Acq: 20 Jan 2022 12:46

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6133
 Ion Ratio Lower Upper
 75 100
 110 0.7 29.9 44.9#
 77 34.2 25.5 38.3

