

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020222\
 Data File : VU047007.D
 Acq On : 02 Feb 2022 17:28
 Operator : SY/MD
 Sample : N1349-05 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HP4

Quant Time: Feb 03 03:01:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 03 02:56:36 2022
 Response via : Initial Calibration

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

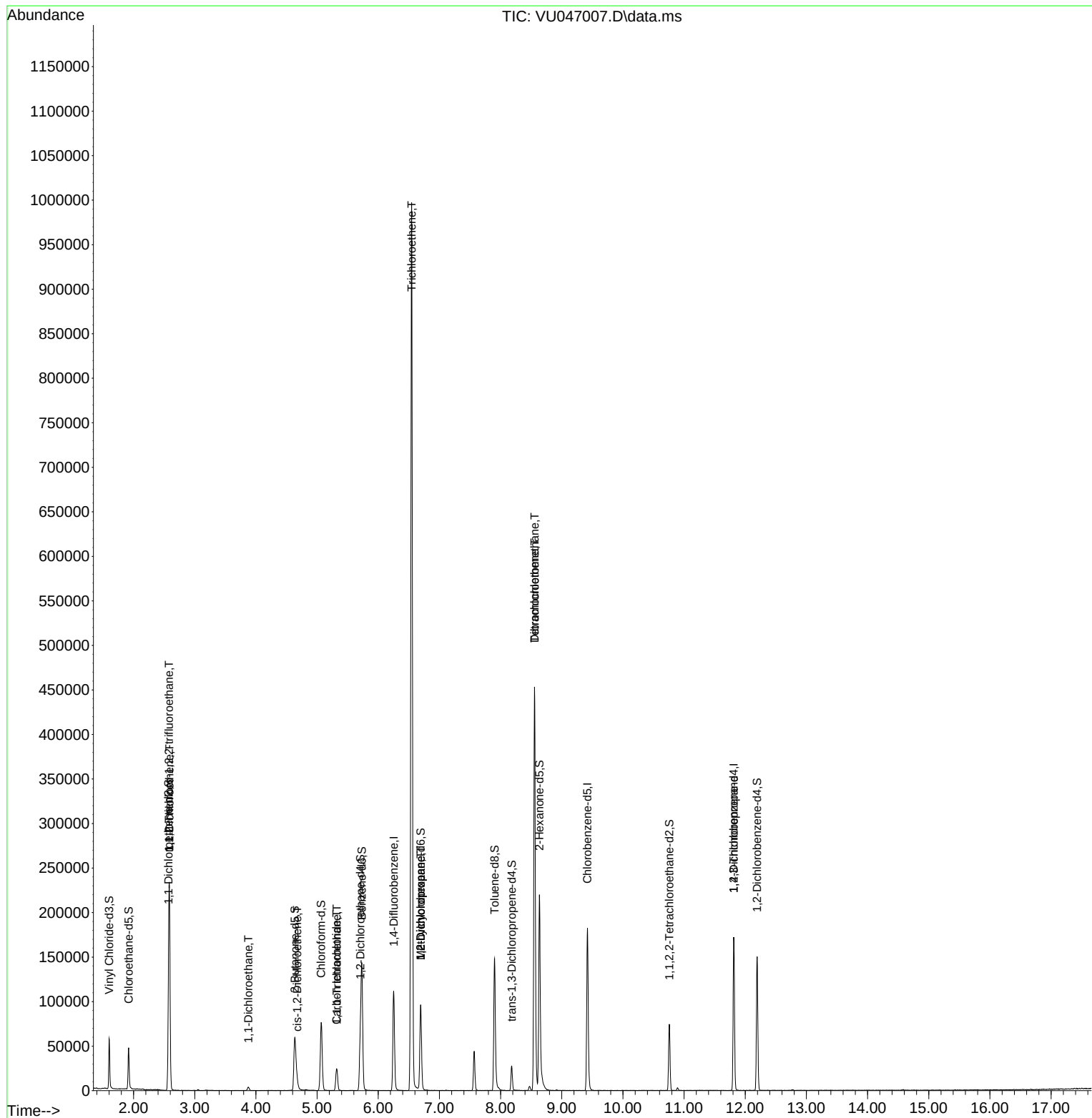
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	92993	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	109218	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	46614	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	42676	5.416	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.400%
7) Chloroethane-d5	1.919	69	35325	5.690	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.800%
11) 1,1-Dichloroethene-d2	2.571	65	16581	5.290	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.800%
20) 2-Butanone-d5	4.636	46	97131	41.608	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.220%
24) Chloroform-d	5.067	84	71858	5.195	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.706	65	38563	5.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.732	84	138164	4.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.693	67	46071	4.780	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.902	98	108277	3.685	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	8.182	79	15873	3.750	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.636	63	79090	31.558	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.120%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37212	3.846	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	38754	4.433	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	647	0.119	ug/L #	21
12) 1,1-Dichloroethene	2.588	96	65110	12.539	ug/L #	71
19) 1,1-Dichloroethane	3.877	63	4593	0.486	ug/L	91
22) cis-1,2-Dichloroethene	4.674	96	1882	0.317	ug/L	93
29) 1,1,1-Trichloroethane	5.321	97	18520	1.883	ug/L	97
31) Carbon tetrachloride	5.317	117	2231	0.264	ug/L	92
34) Trichloroethene	6.546	95	343694	51.479	ug/L	99
35) Methylcyclohexane	6.693	83	10682	0.955	ug/L #	17
37) 1,2-Dichloropropane	6.693	63	4820	0.764	ug/L #	88
47) Tetrachloroethene	8.555	164	103544	19.069	ug/L	96
49) Dibromochloromethane	8.555	129	102240	16.150	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5615	1.422	ug/L #	66

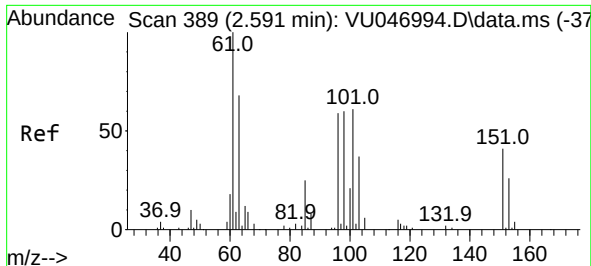
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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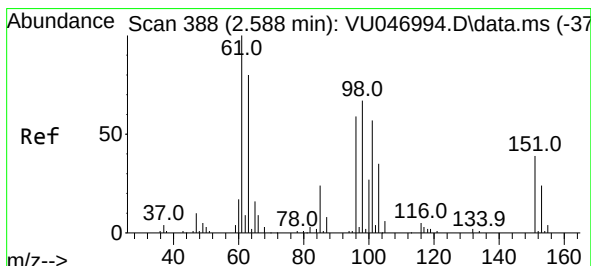
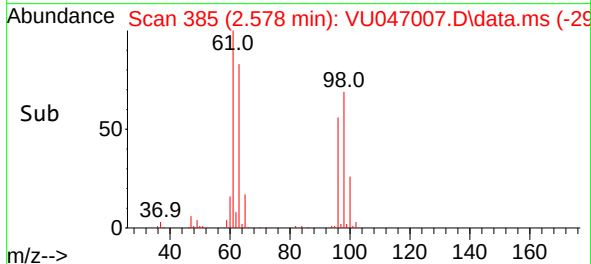
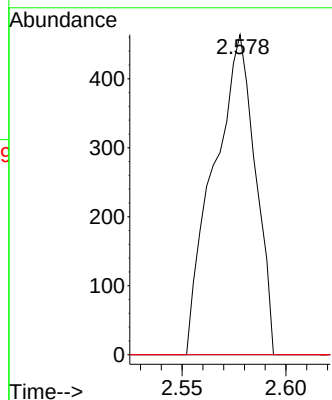
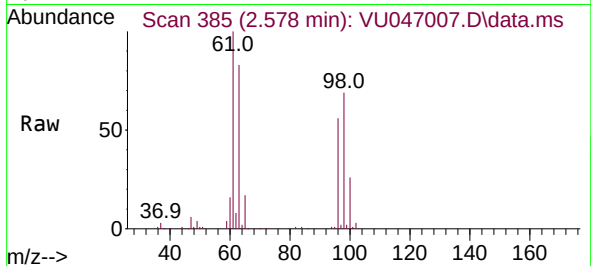




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.119 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.013 min
Lab File: VU047007.D
Acq: 02 Feb 2022 17:28

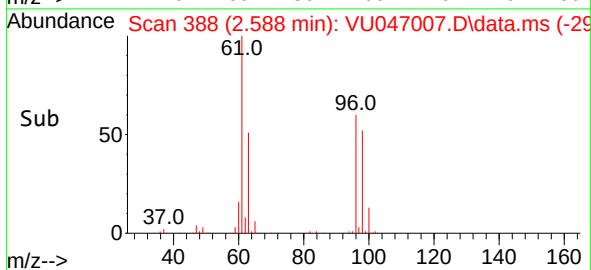
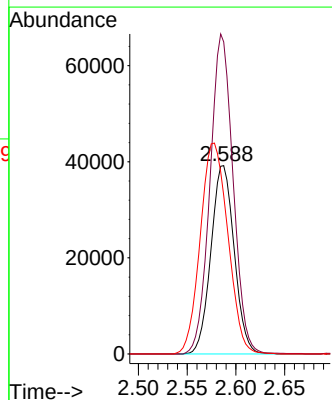
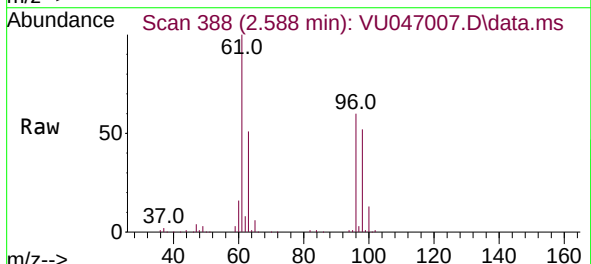
Instrument :
MSVOA_U
ClientSampleId :
C0HP4

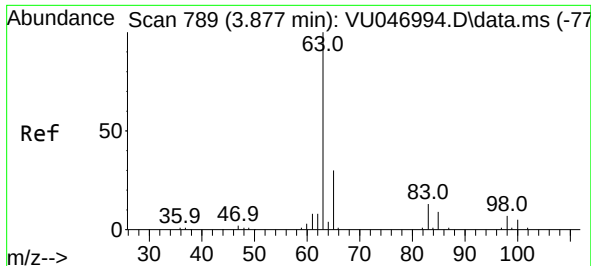
Tgt Ion:101 Resp: 647
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#12
1,1-Dichloroethene
Concen: 12.539 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU047007.D
Acq: 02 Feb 2022 17:28

Tgt Ion: 96 Resp: 65110
Ion Ratio Lower Upper
96 100
61 165.6 124.7 231.5
63 84.1 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 0.486 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU047007.D

Acq: 02 Feb 2022 17:28

Instrument :

MSVOA_U

ClientSampleId :

C0HP4

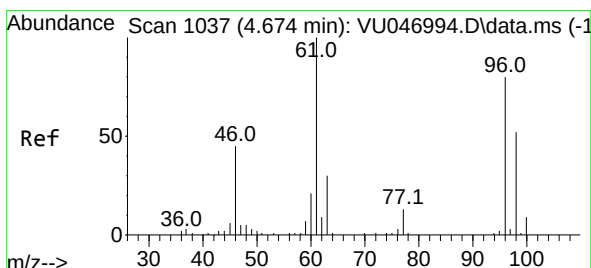
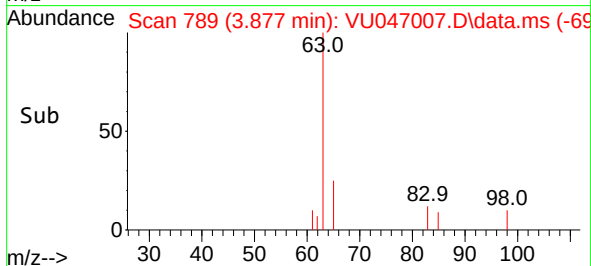
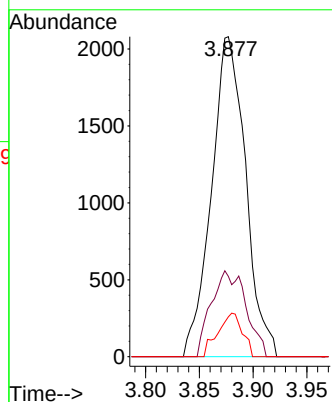
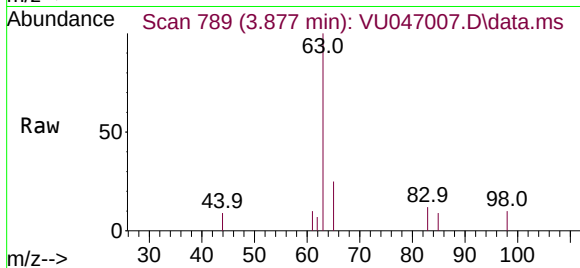
Tgt Ion: 63 Resp: 4593

Ion Ratio Lower Upper

63 100

65 25.1 22.3 41.5

83 12.5 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 0.317 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VU047007.D

Acq: 02 Feb 2022 17:28

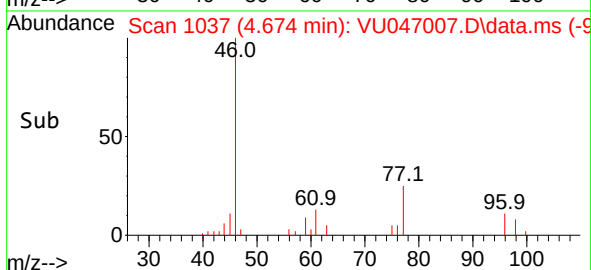
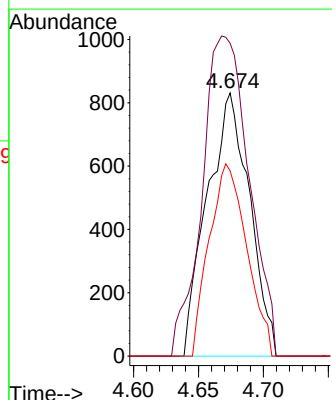
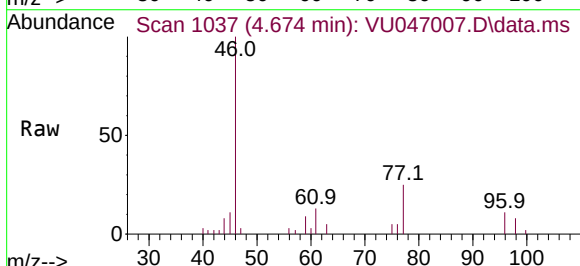
Tgt Ion: 96 Resp: 1882

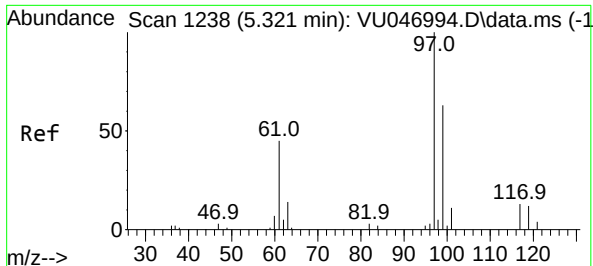
Ion Ratio Lower Upper

96 100

61 118.9 88.5 164.3

98 70.4 44.4 82.5





#29

1,1,1-Trichloroethane

Concen: 1.883 ug/L

RT: 5.321 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU047007.D

Acq: 02 Feb 2022 17:28

Instrument :

MSVOA_U

ClientSampleId :

C0HP4

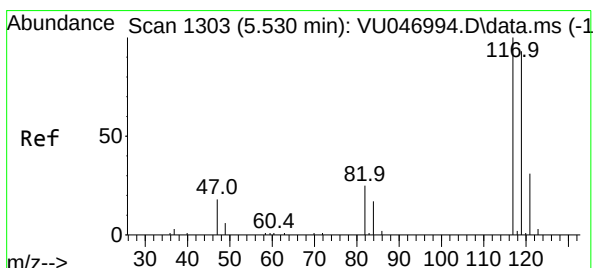
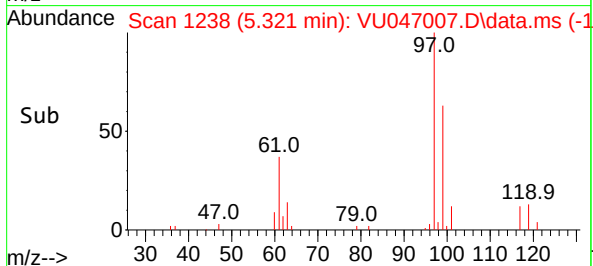
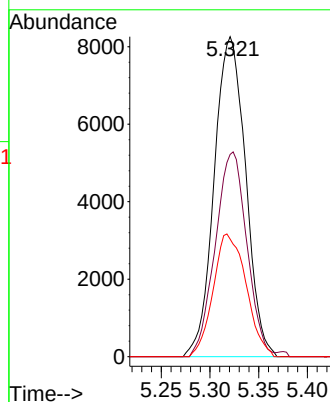
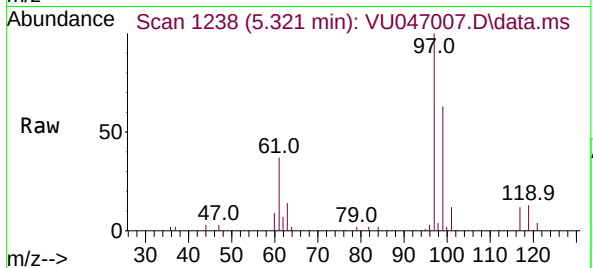
Tgt Ion: 97 Resp: 18520

Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 40.2 36.1 54.1



#31

Carbon tetrachloride

Concen: 0.264 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.212 min

Lab File: VU047007.D

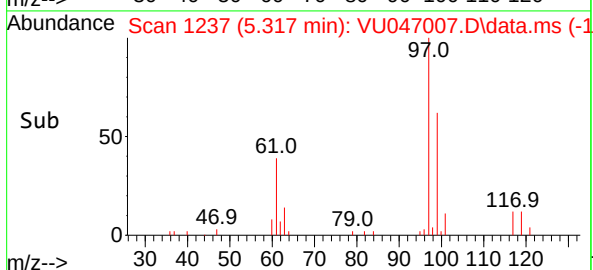
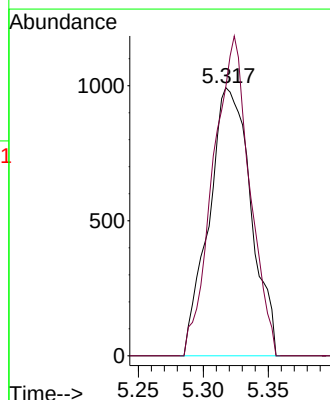
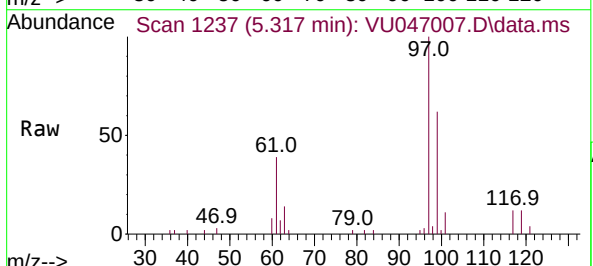
Acq: 02 Feb 2022 17:28

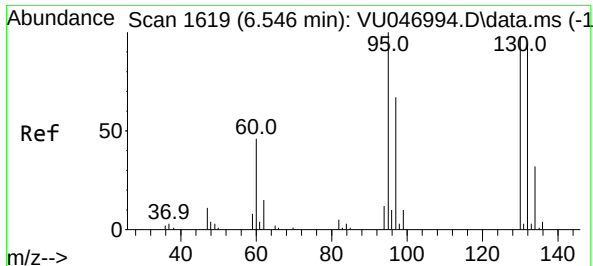
Tgt Ion: 117 Resp: 2231

Ion Ratio Lower Upper

117 100

119 104.4 77.5 116.3

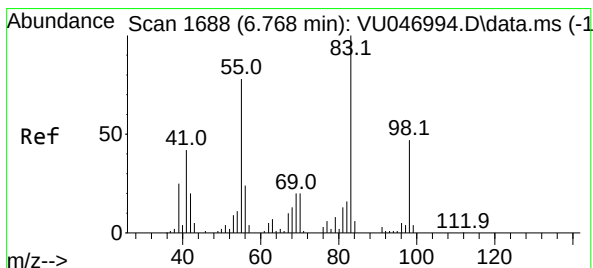
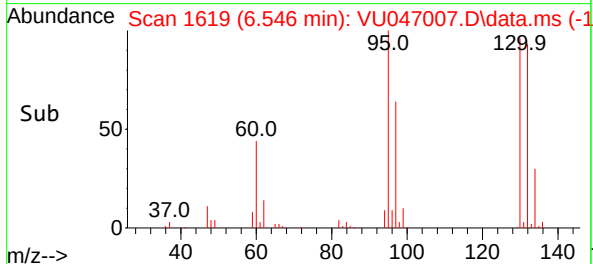
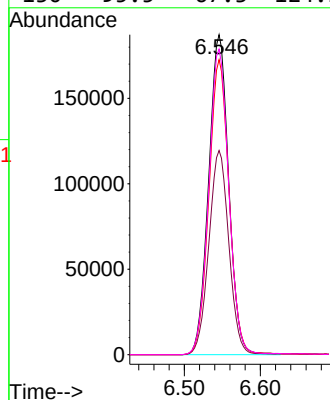
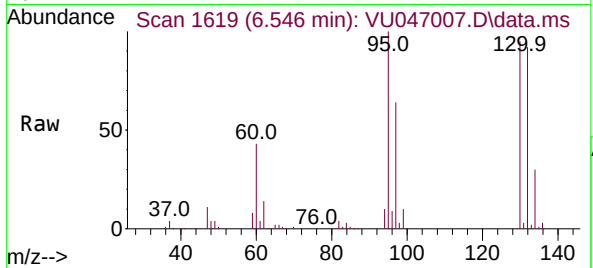




#34
Trichloroethene
Concen: 51.479 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047007.D
Acq: 02 Feb 2022 17:28

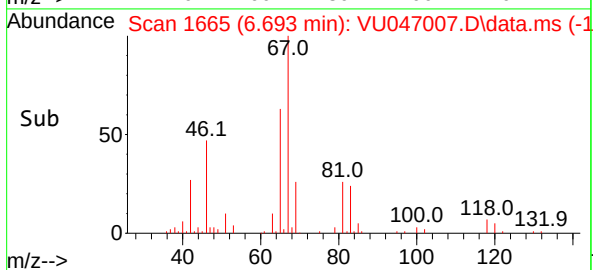
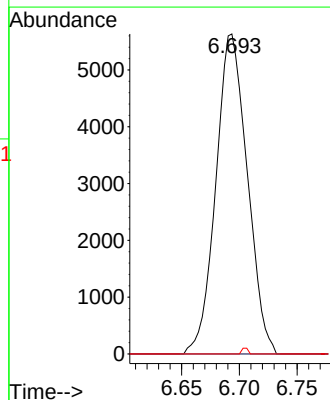
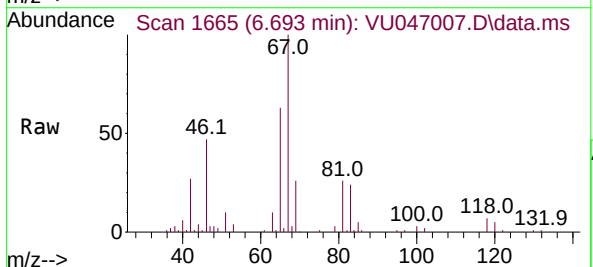
Instrument :
MSVOA_U
ClientSampleId :
C0HP4

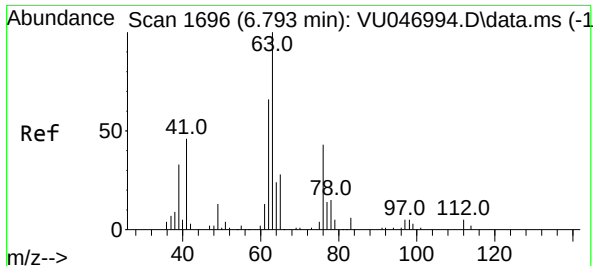
Tgt Ion: 95 Resp: 343694
Ion Ratio Lower Upper
95 100
97 63.8 46.5 86.5
132 92.2 65.1 120.9
130 95.5 67.3 124.9



#35
Methylcyclohexane
Concen: 0.955 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047007.D
Acq: 02 Feb 2022 17:28

Tgt Ion: 83 Resp: 10682
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.0 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.764 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047007.D

Acq: 02 Feb 2022 17:28

Instrument :

MSVOA_U

ClientSampleId :

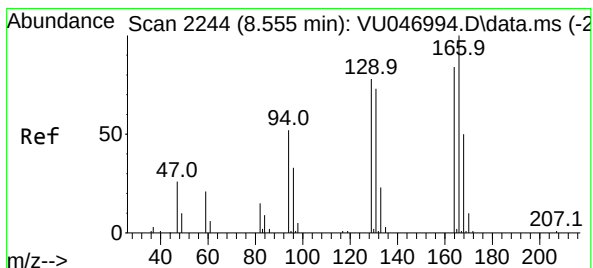
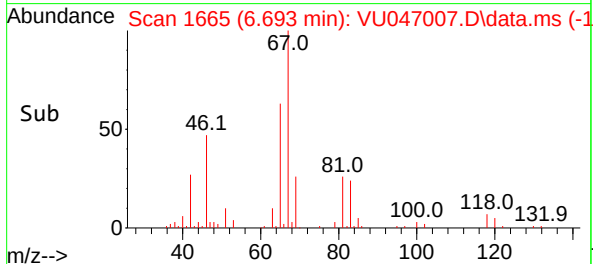
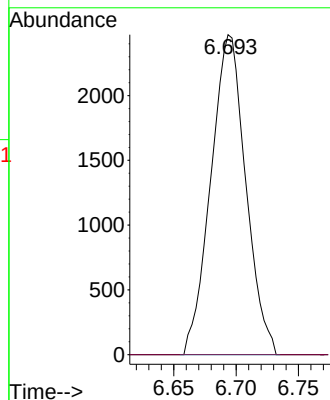
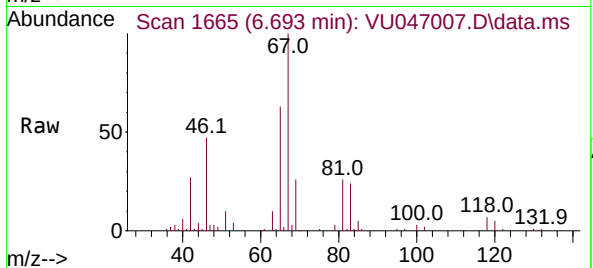
C0HP4

Tgt Ion: 63 Resp: 4820

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#47

Tetrachloroethene

Concen: 19.069 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU047007.D

Acq: 02 Feb 2022 17:28

Tgt Ion:164 Resp: 103544

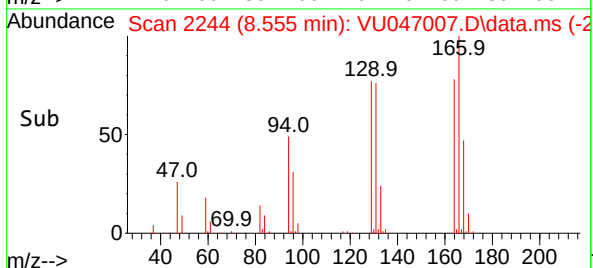
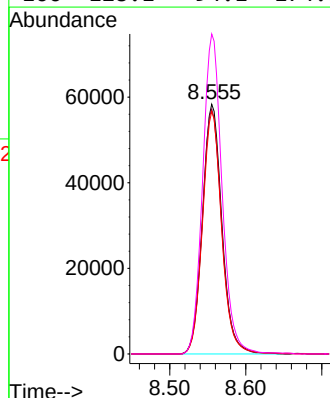
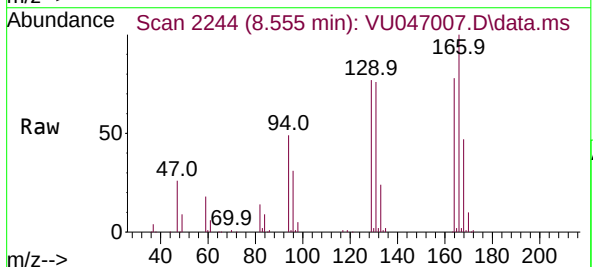
Ion Ratio Lower Upper

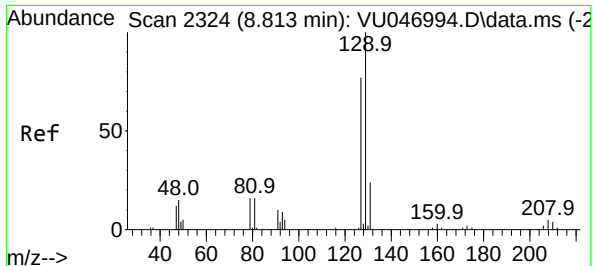
164 100

129 98.1 71.8 133.4

131 97.2 68.5 127.3

166 128.1 94.1 174.8





#49

Dibromochloromethane

Concen: 16.150 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU047007.D

Acq: 02 Feb 2022 17:28

Instrument :

MSVOA_U

ClientSampleId :

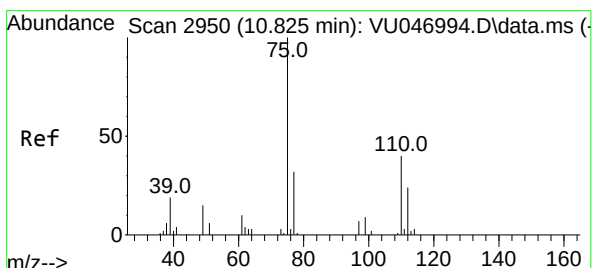
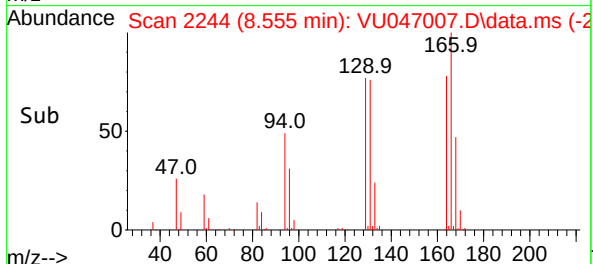
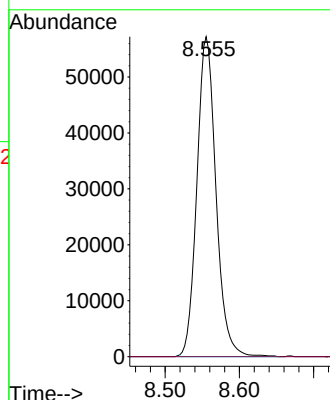
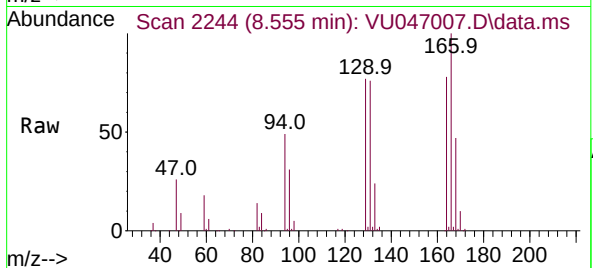
C0HP4

Tgt Ion:129 Resp: 102240

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.422 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU047007.D

Acq: 02 Feb 2022 17:28

Tgt Ion: 75 Resp: 5615

Ion Ratio Lower Upper

75 100

110 1.2 29.9 44.9#

77 33.1 25.5 38.3

