

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
 Data File : VU047384.D
 Acq On : 08 Mar 2022 12:18
 Operator : SY/MD
 Sample : N1773-11DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY18DL

Quant Time: Mar 09 03:02:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 09 02:01:55 2022
 Response via : Initial Calibration

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

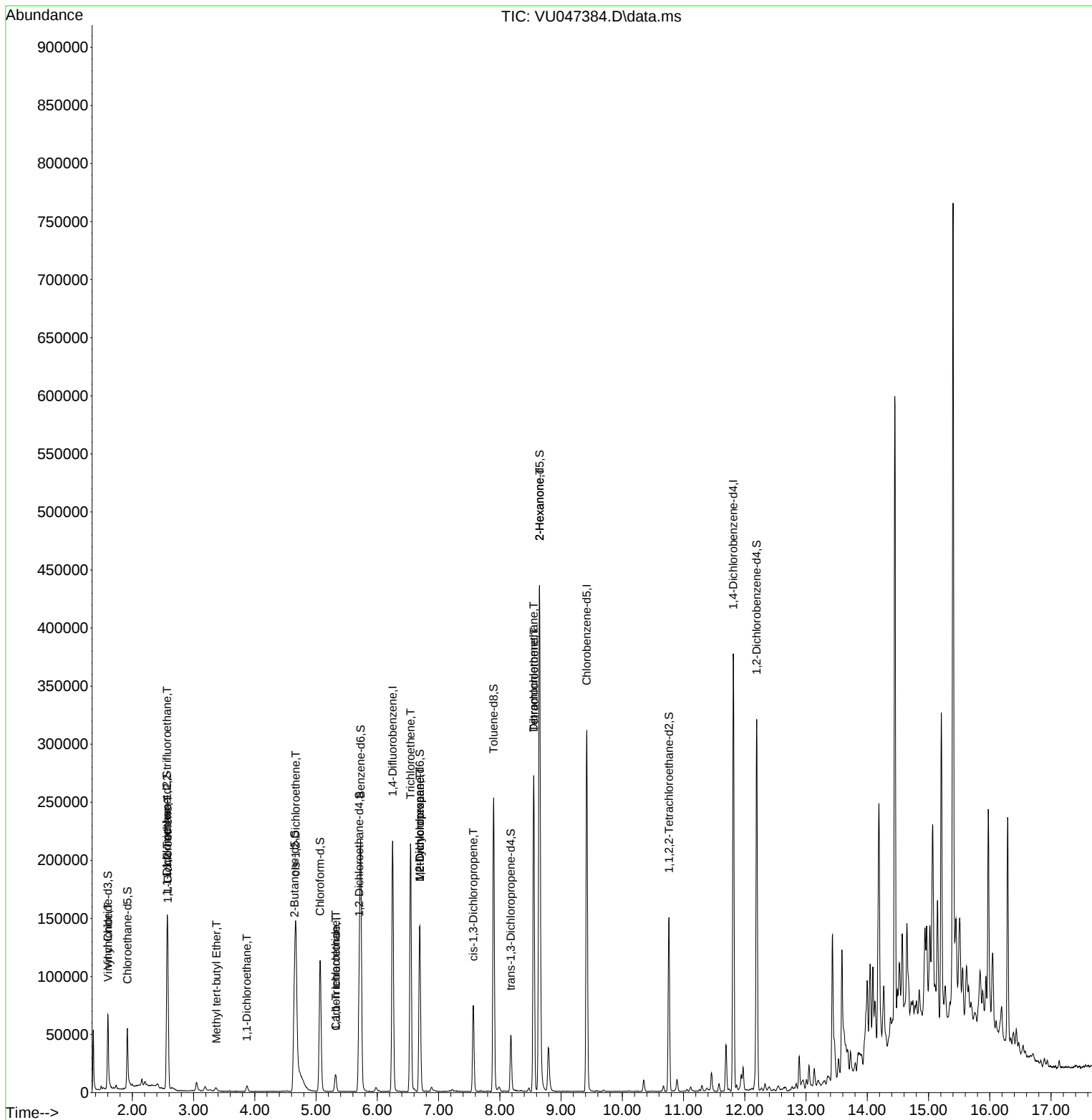
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	187418	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	183729	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	103606	5.000	ug/L	0.00

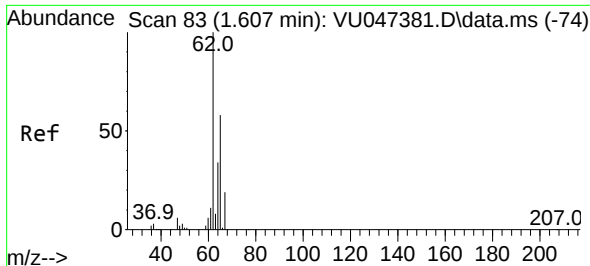
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	40985	3.081	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.600%
7) Chloroethane-d5	1.919	69	45305	4.083	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.565	65	19072	3.395	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.800%
20) 2-Butanone-d5	4.648	46	221630	50.751	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.500%
24) Chloroform-d	5.066	84	105748	4.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.703	65	61735	4.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.729	84	203660	3.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.693	67	68898	4.275	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.899	98	175613	3.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
43) trans-1,3-Dichloroprop...	8.179	79	28303	3.996	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.648	63	189187	46.937	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.880%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	72437	4.412	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	86095	4.241	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.800%

Target Compounds				Qvalue		
5) Vinyl chloride	1.607	62	1889	0.152	ug/L #	54
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	485	0.054	ug/L #	21
12) 1,1-Dichloroethene	2.581	96	27872	3.034	ug/L	91
17) Methyl tert-butyl Ether	3.372	73	2693	0.109	ug/L #	78
19) 1,1-Dichloroethane	3.870	63	5787	0.348	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	47642	4.387	ug/L	95
29) 1,1,1-Trichloroethane	5.320	97	10905	0.707	ug/L	98
31) Carbon tetrachloride	5.320	117	1359	0.102	ug/L	97
34) Trichloroethene	6.542	95	70773	6.494	ug/L	92
35) Methylcyclohexane	6.693	83	15964	0.955	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	7113	0.692	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1741	0.107	ug/L #	60
47) Tetrachloroethene	8.555	164	63714	6.863	ug/L	91
48) 2-Hexanone	8.648	43	22346	3.863	ug/L #	68
49) Dibromochloromethane	8.552	129	57771	5.521	ug/L #	10

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

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Response via : Initial Calibration

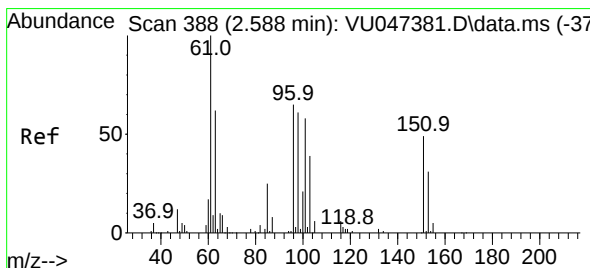
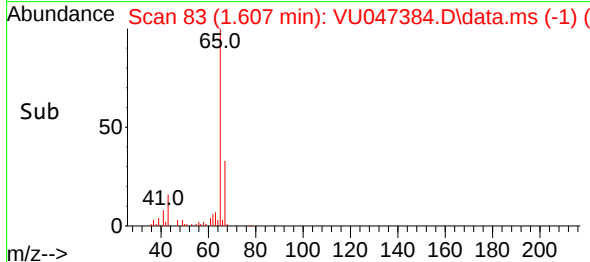
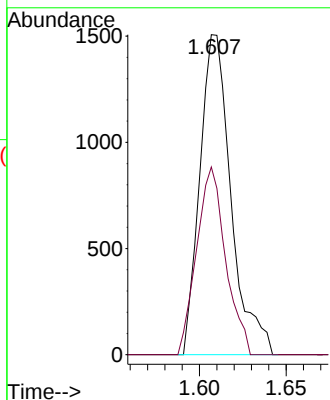
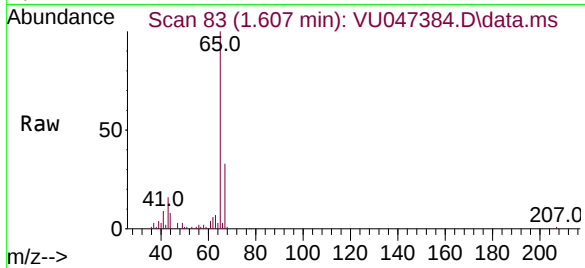




#5
 Vinyl chloride
 Concen: 0.152 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047384.D
 Acq: 08 Mar 2022 12:18

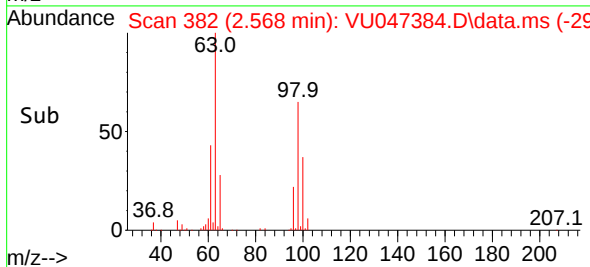
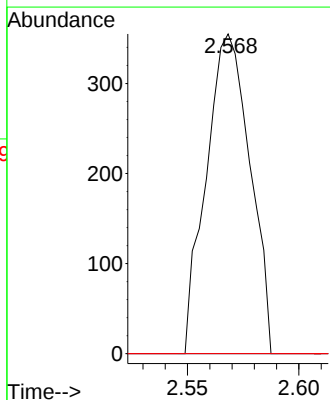
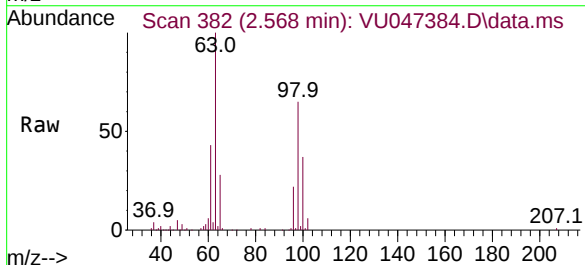
Instrument :
 MSVOA_U
 ClientSampleId :
 BFY18DL

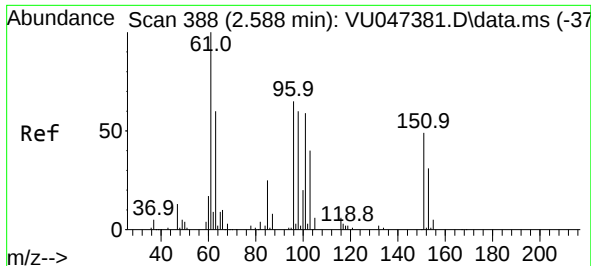
Tgt Ion: 62 Resp: 1889
 Ion Ratio Lower Upper
 62 100
 64 58.7 22.9 42.5#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.054 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.019 min
 Lab File: VU047384.D
 Acq: 08 Mar 2022 12:18

Tgt Ion: 101 Resp: 485
 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: 3.034 ug/L

RT: 2.581 min Scan# 31

Delta R.T. -0.006 min

Lab File: VU047384.D

Acq: 08 Mar 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

BFY18DL

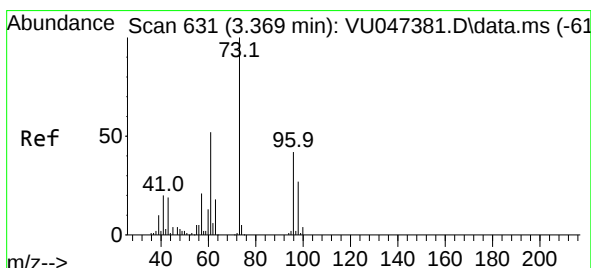
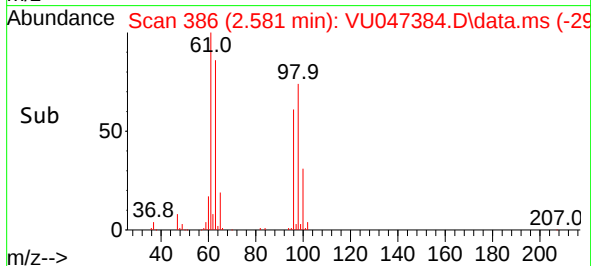
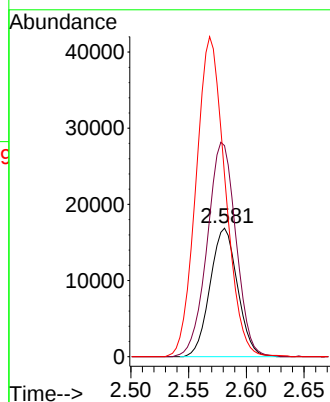
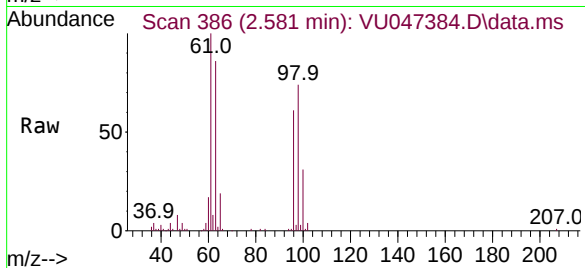
Tgt Ion: 96 Resp: 27872

Ion Ratio Lower Upper

96 100

61 164.2 124.7 231.5

63 141.4 105.2 195.4



#17

Methyl tert-butyl Ether

Concen: 0.109 ug/L

RT: 3.372 min Scan# 632

Delta R.T. 0.003 min

Lab File: VU047384.D

Acq: 08 Mar 2022 12:18

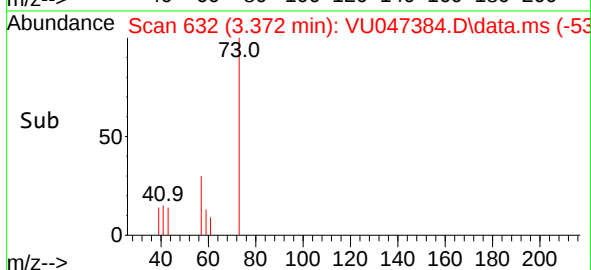
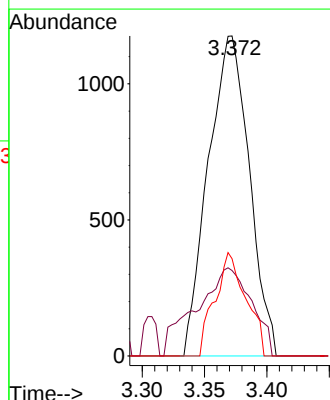
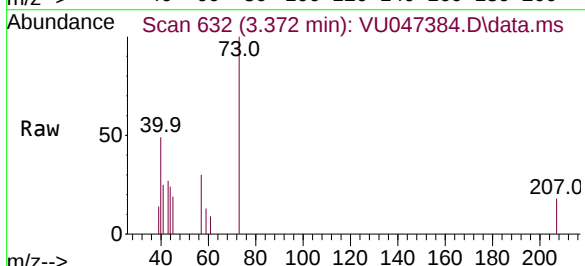
Tgt Ion: 73 Resp: 2693

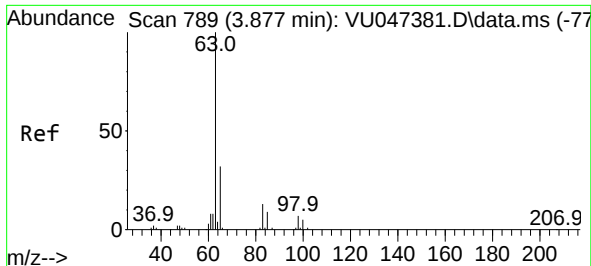
Ion Ratio Lower Upper

73 100

43 37.2 14.8 22.2#

57 24.5 17.4 26.0





#19

1,1-Dichloroethane

Concen: 0.348 ug/L

RT: 3.870 min Scan# 71

Delta R.T. -0.006 min

Lab File: VU047384.D

Acq: 08 Mar 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

BFY18DL

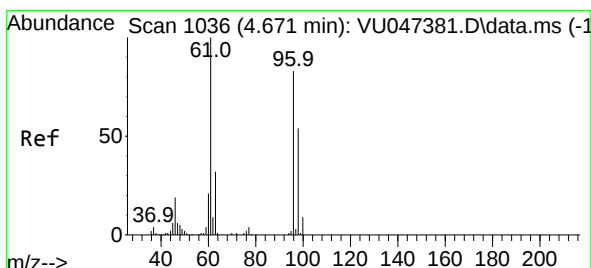
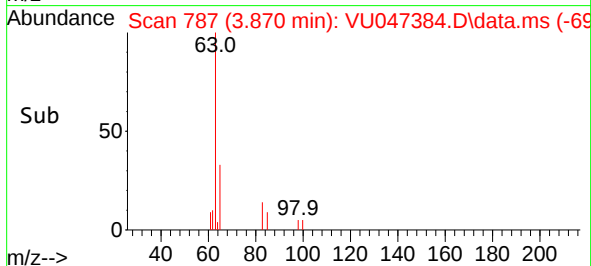
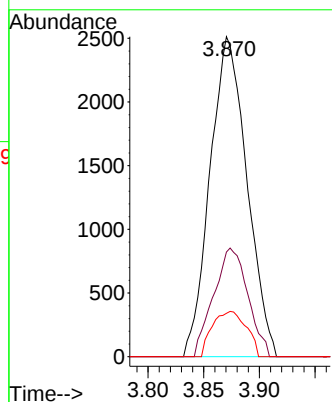
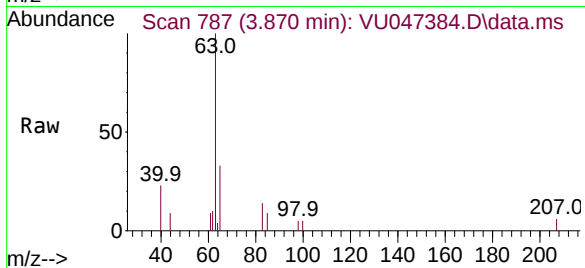
Tgt Ion: 63 Resp: 5787

Ion Ratio Lower Upper

63 100

65 32.7 22.3 41.5

83 13.6 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 4.387 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU047384.D

Acq: 08 Mar 2022 12:18

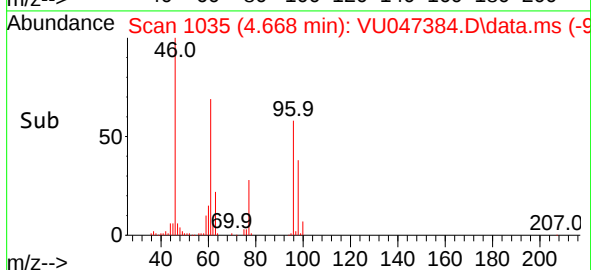
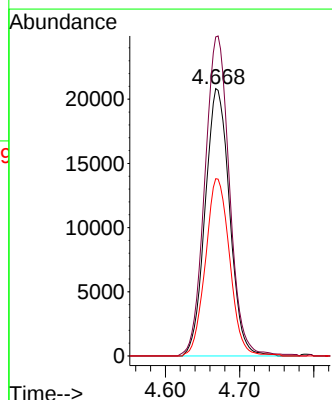
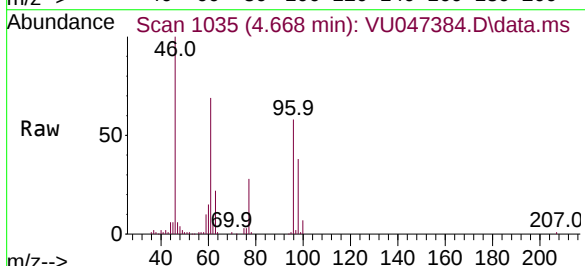
Tgt Ion: 96 Resp: 47642

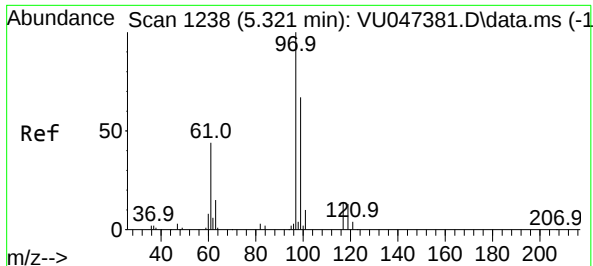
Ion Ratio Lower Upper

96 100

61 119.4 88.5 164.3

98 66.3 44.4 82.5





#29

1,1,1-Trichloroethane

Concen: 0.707 ug/L

RT: 5.320 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047384.D

Acq: 08 Mar 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

BFY18DL

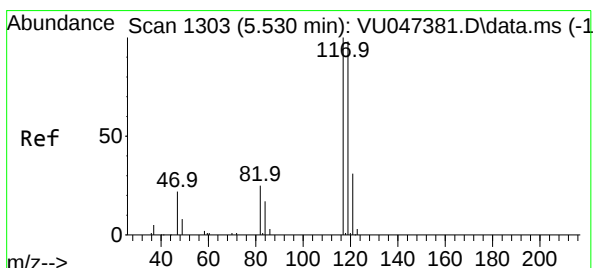
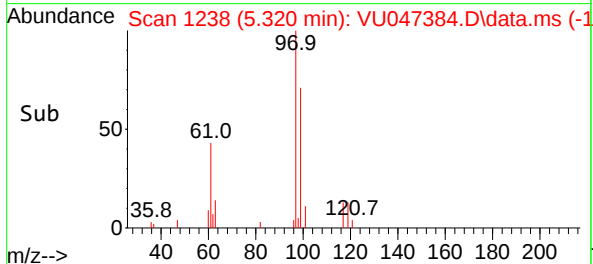
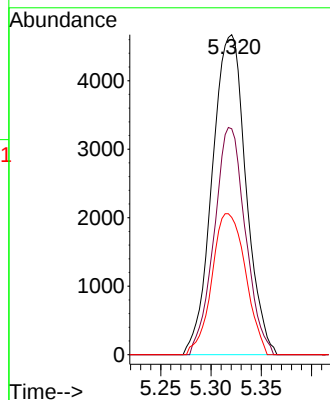
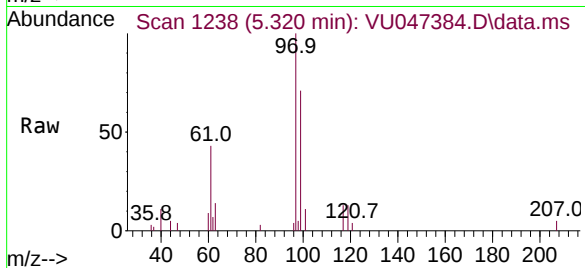
Tgt Ion: 97 Resp: 10905

Ion Ratio Lower Upper

97 100

99 65.8 51.3 76.9

61 43.9 36.1 54.1



#31

Carbon tetrachloride

Concen: 0.102 ug/L

RT: 5.320 min Scan# 1238

Delta R.T. -0.209 min

Lab File: VU047384.D

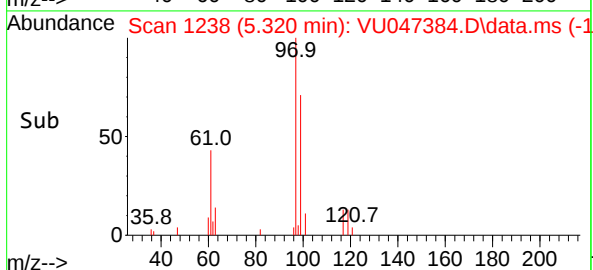
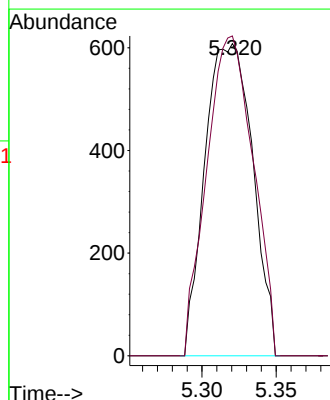
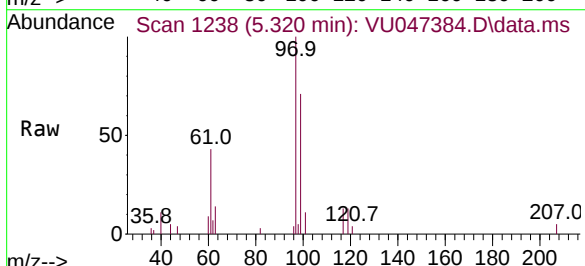
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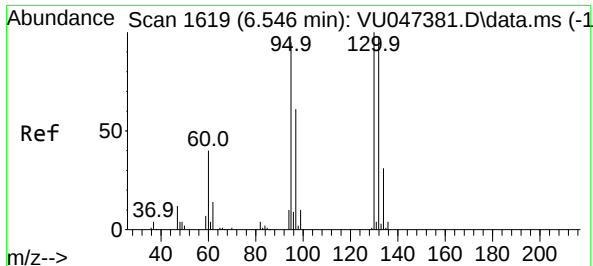
Tgt Ion: 117 Resp: 1359

Ion Ratio Lower Upper

117 100

119 99.9 77.5 116.3

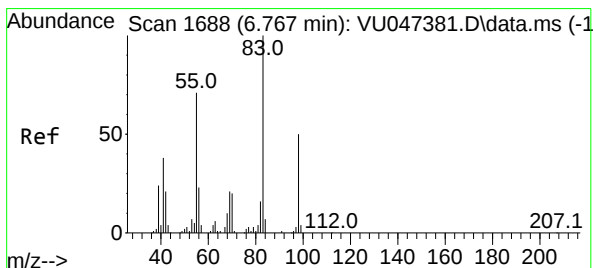
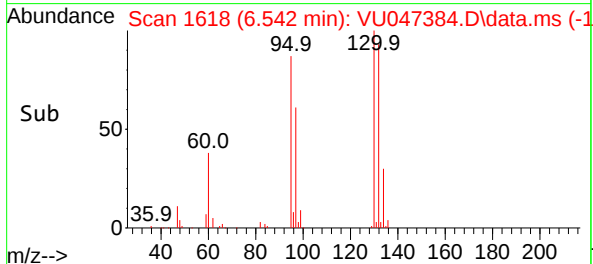
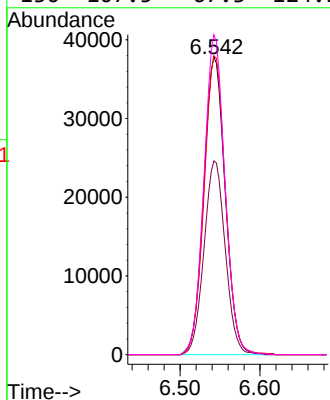
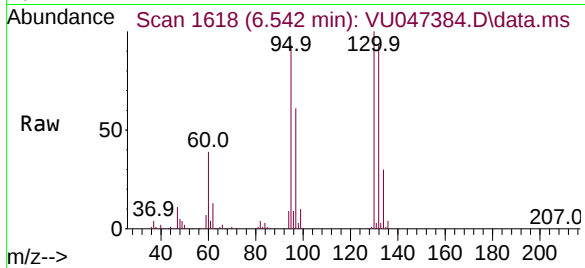




#34
Trichloroethene
Concen: 6.494 ug/L
RT: 6.542 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU047384.D
Acq: 08 Mar 2022 12:18

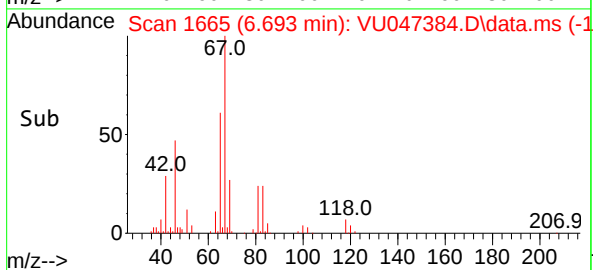
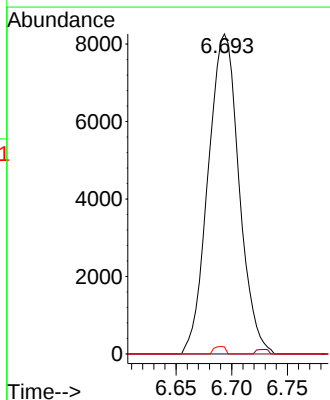
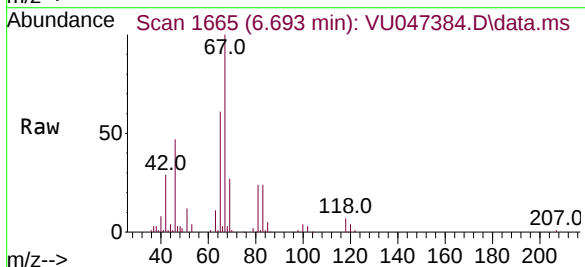
Instrument :
MSVOA_U
ClientSampleId :
BFY18DL

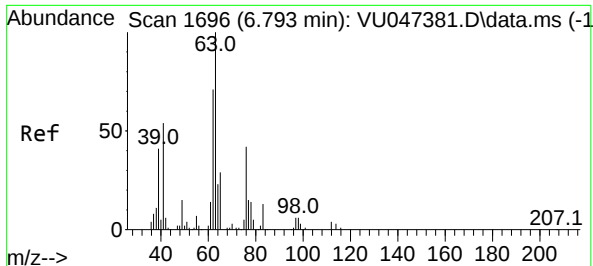
Tgt Ion: 95 Resp: 70773
Ion Ratio Lower Upper
95 100
97 65.1 46.5 86.5
132 100.4 65.1 120.9
130 107.5 67.3 124.9



#35
Methylcyclohexane
Concen: 0.955 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047384.D
Acq: 08 Mar 2022 12:18

Tgt Ion: 83 Resp: 15964
Ion Ratio Lower Upper
83 100
55 0.5 61.9 92.9#
98 0.9 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.692 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047384.D

Acq: 08 Mar 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

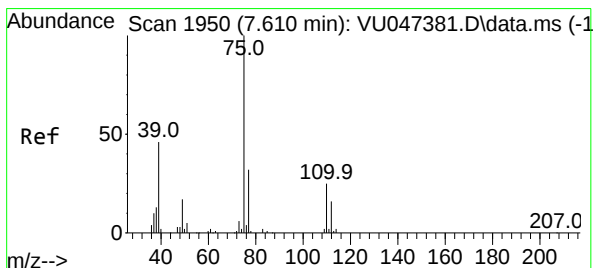
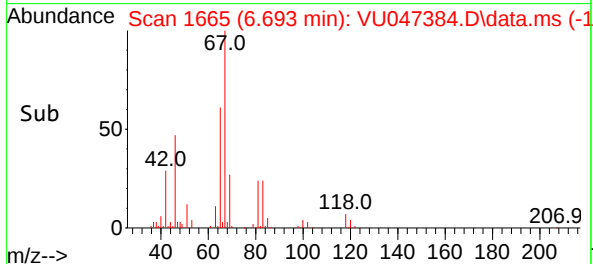
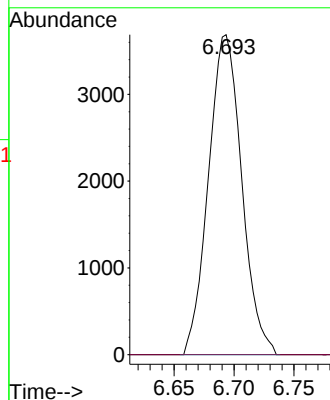
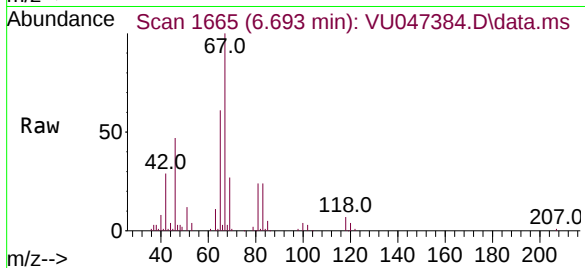
BFY18DL

Tgt Ion: 63 Resp: 7113

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU047384.D

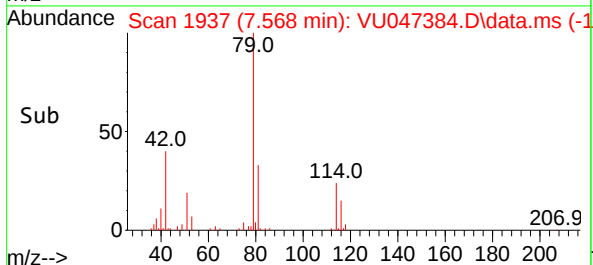
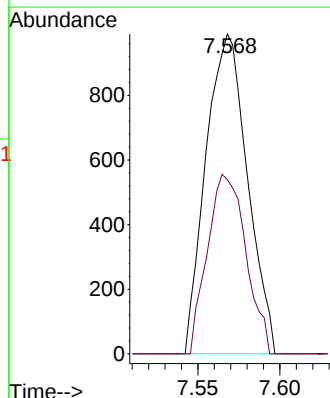
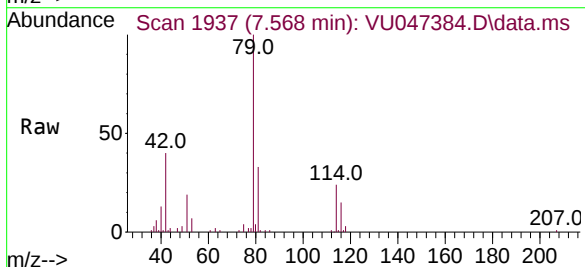
Acq: 08 Mar 2022 12:18

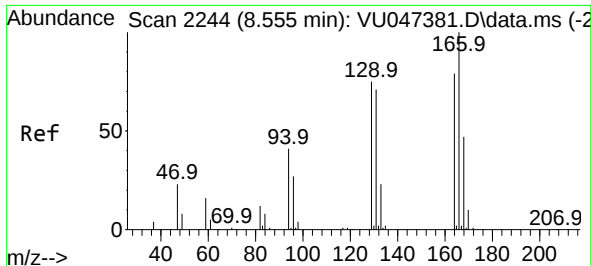
Tgt Ion: 75 Resp: 1741

Ion Ratio Lower Upper

75 100

77 54.4 22.5 41.9#





#47

Tetrachloroethene

Concen: 6.863 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047384.D

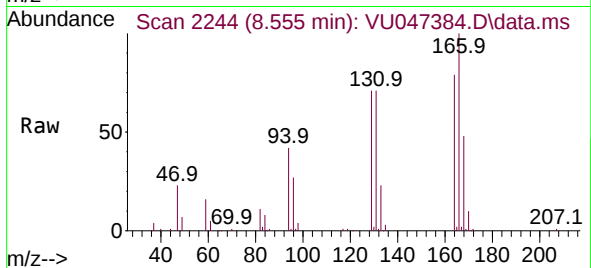
Acq: 08 Mar 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

BFY18DL



Tgt Ion:164 Resp: 63714

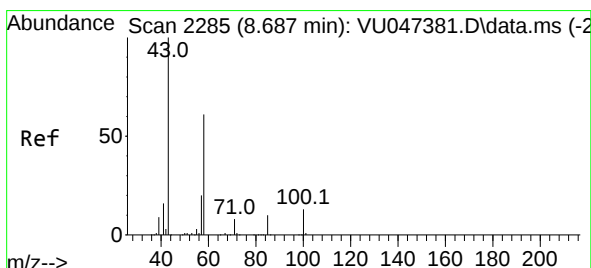
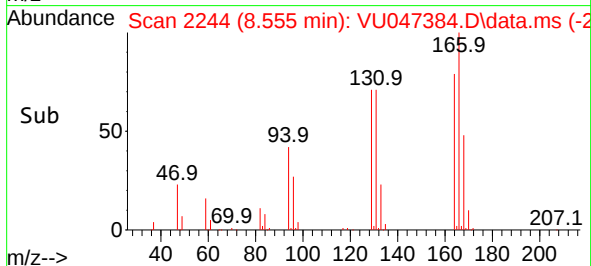
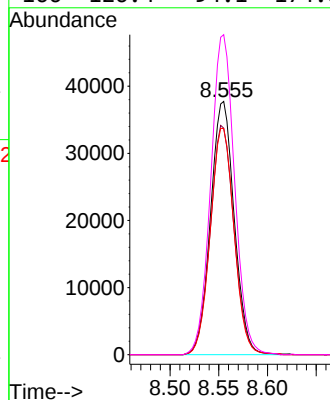
Ion Ratio Lower Upper

164 100

129 89.4 71.8 133.4

131 89.3 68.5 127.3

166 126.4 94.1 174.8



#48

2-Hexanone

Concen: 3.863 ug/L

RT: 8.648 min Scan# 2273

Delta R.T. -0.039 min

Lab File: VU047384.D

Acq: 08 Mar 2022 12:18

Tgt Ion: 43 Resp: 22346

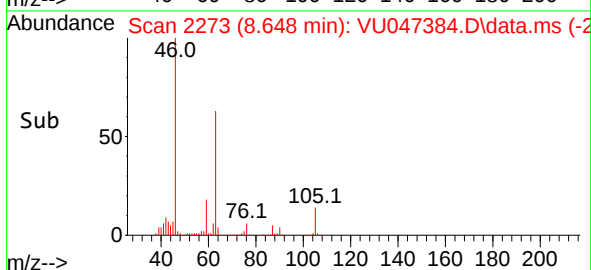
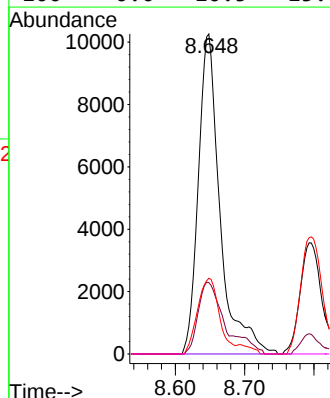
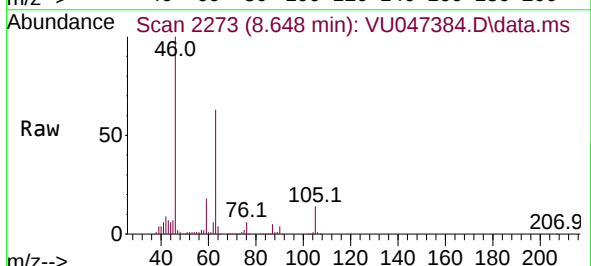
Ion Ratio Lower Upper

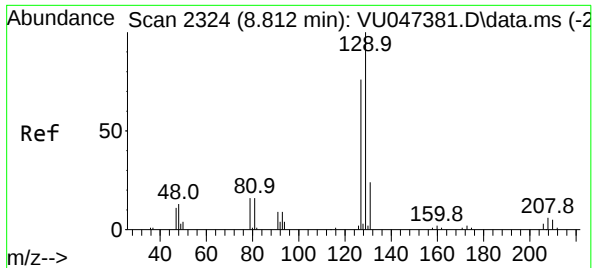
43 100

58 27.9 46.7 70.1#

57 23.7 16.3 24.5

100 0.0 10.5 15.7#





#49
 Dibromochloromethane
 Concen: 5.521 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.260 min
 Lab File: VU047384.D
 Acq: 08 Mar 2022 12:18

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY18DL

Tgt Ion:129 Resp: 57771
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.4 102.8#

