

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
 Data File : VU047312.D
 Acq On : 03 Mar 2022 14:01
 Operator : SY/MD
 Sample : N1773-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY12

Quant Time: Mar 04 01:54:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 01:50:04 2022
 Response via : Initial Calibration

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

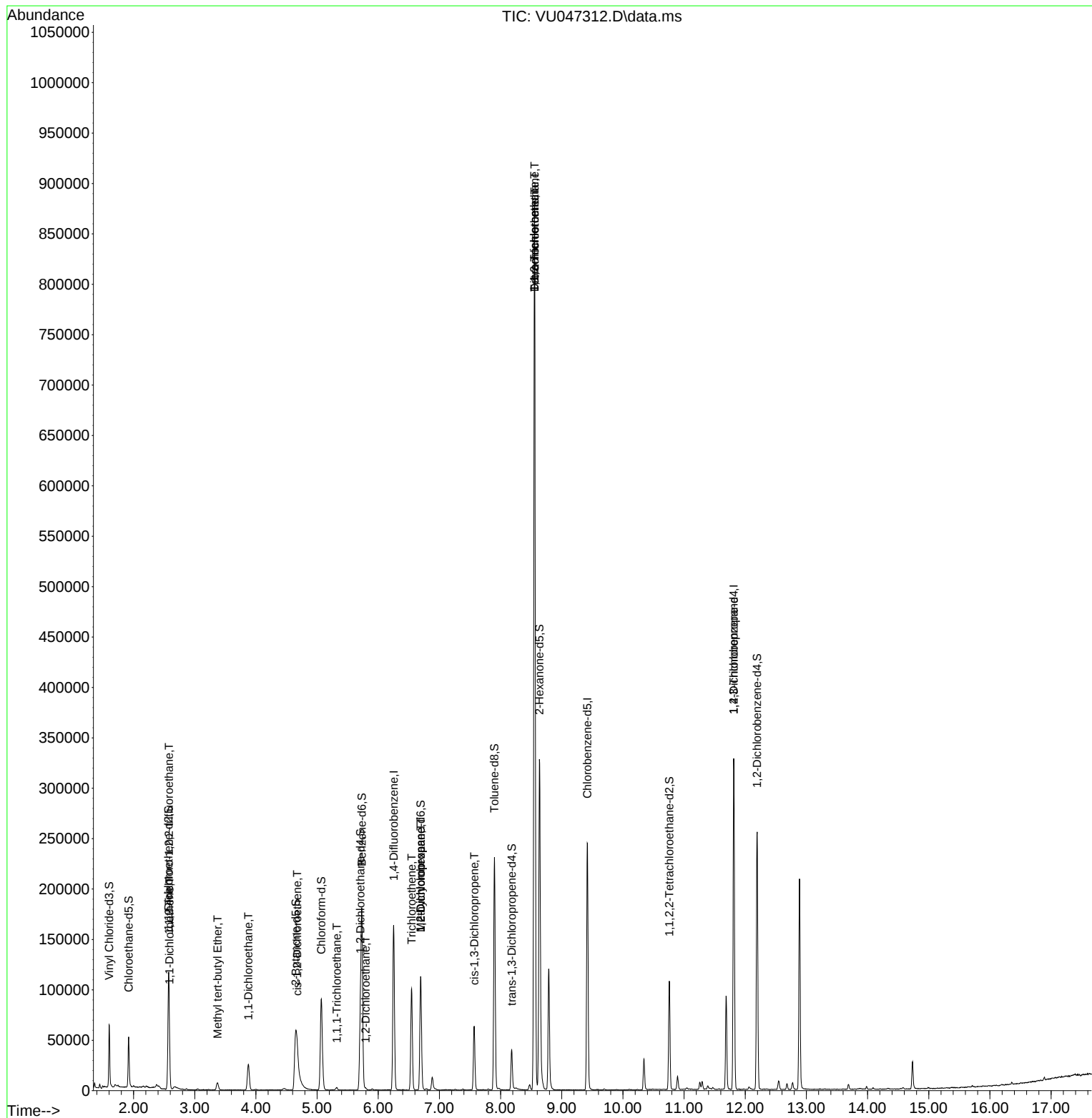
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	140947	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	142641	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	89820	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	44098	3.704	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.919	69	37310	3.955	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.571	65	19155	3.891	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	4.652	46	149118	52.409	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.820%
24) Chloroform-d	5.070	84	83802	4.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.706	65	46395	4.220	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	5.732	84	170491	4.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.693	67	53635	4.229	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.899	98	158721	4.071	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.182	79	21905	3.810	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.635	63	127733	42.198	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.400%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	52369	4.543	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	70183	4.355	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	739	0.077	ug/L #	29
12) 1,1-Dichloroethene	2.587	96	6638	0.716	ug/L #	1
17) Methyl tert-butyl Ether	3.372	73	8397	0.331	ug/L	97
19) 1,1-Dichloroethane	3.877	63	29579	1.688	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	4835	0.443	ug/L	90
27) 1,2-Dichloroethane	5.793	62	1156	0.094	ug/L #	73
29) 1,1,1-Trichloroethane	5.324	97	1852	0.120	ug/L	97
34) Trichloroethene	6.545	95	33698	3.117	ug/L	92
35) Methylcyclohexane	6.693	83	12885	0.706	ug/L #	24
37) 1,2-Dichloropropane	6.693	63	5678	0.542	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	1617	0.099	ug/L #	66
45) 1,1,2-Trichloroethane	8.552	97	1543	0.190	ug/L #	1
47) Tetrachloroethene	8.555	164	204252	23.281	ug/L	91
49) Dibromochloromethane	8.555	129	185158	18.893	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	9883	1.152	ug/L #	68

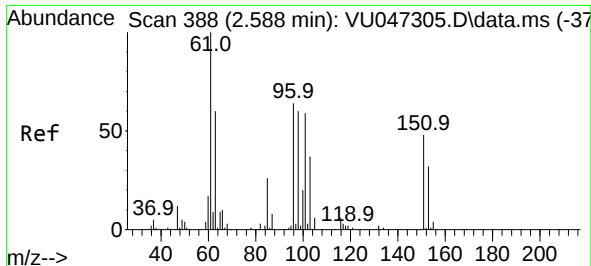
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
Data File : VU047312.D
Acq On : 03 Mar 2022 14:01
Operator : SY/MD
Sample : N1773-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY12

Quant Time: Mar 04 01:54:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 04 01:50:04 2022
Response via : Initial Calibration

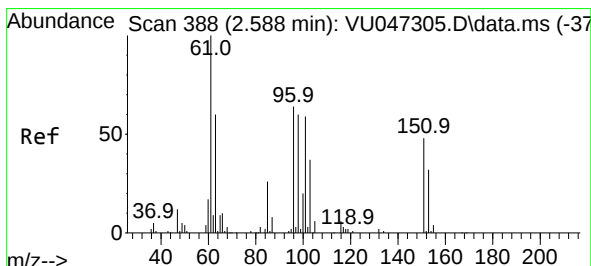
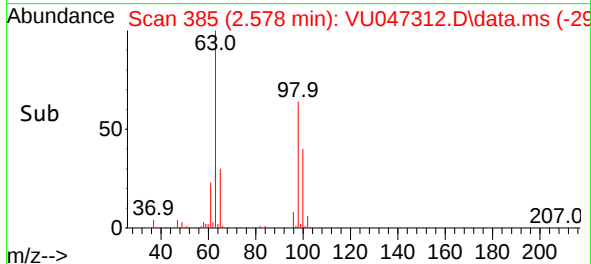
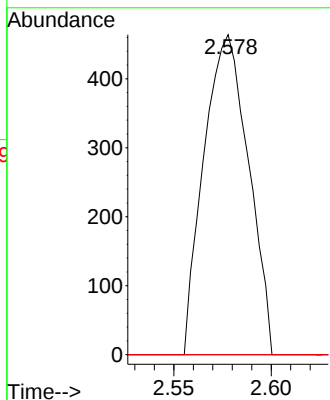
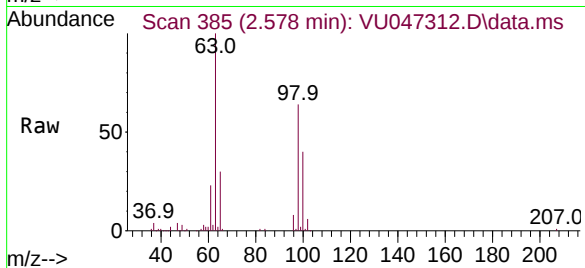




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.077 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU047312.D
 Acq: 03 Mar 2022 14:01

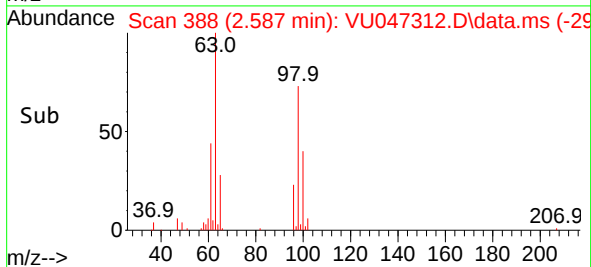
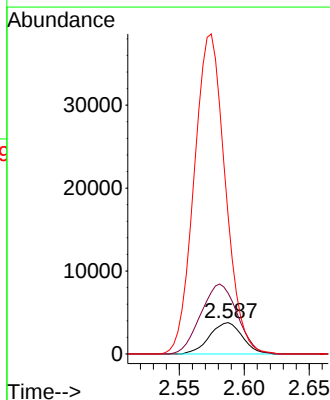
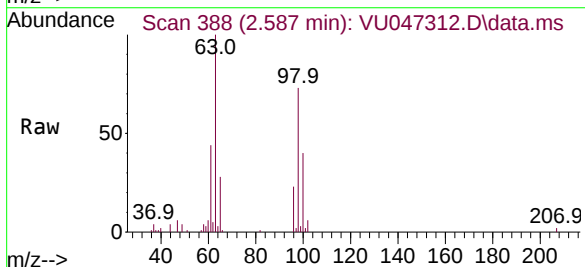
Instrument :
 MSVOA_U
 ClientSampleId :
 BFY12

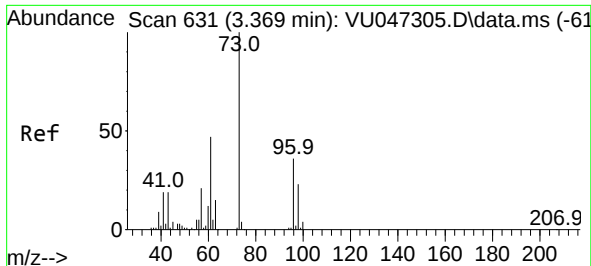
Tgt Ion:101 Resp: 739
 Ion Ratio Lower Upper
 101 100
 85 74.0 34.6 51.8#
 151 0.0 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 0.716 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047312.D
 Acq: 03 Mar 2022 14:01

Tgt Ion: 96 Resp: 6638
 Ion Ratio Lower Upper
 96 100
 61 194.1 124.7 231.5
 63 440.8 105.2 195.4#





#17

Methyl tert-butyl Ether

Concen: 0.331 ug/L

RT: 3.372 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU047312.D

Acq: 03 Mar 2022 14:01

Instrument :

MSVOA_U

ClientSampleId :

BFY12

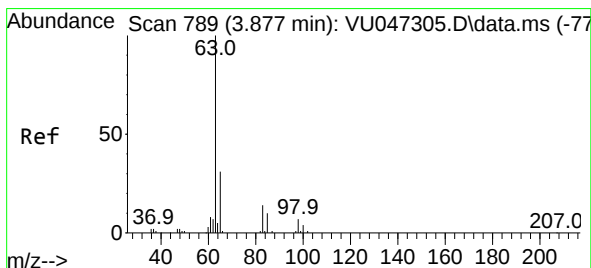
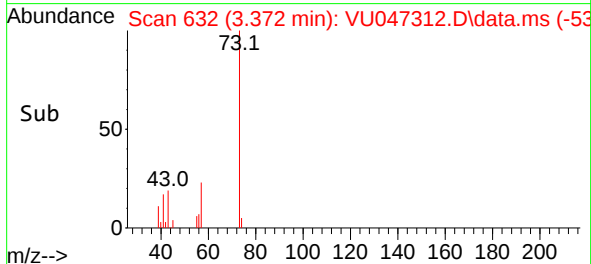
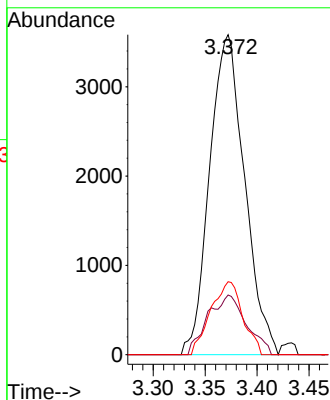
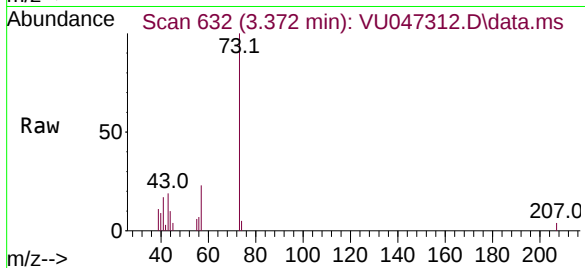
Tgt Ion: 73 Resp: 8397

Ion Ratio Lower Upper

73 100

43 20.6 14.8 22.2

57 20.9 17.4 26.0



#19

1,1-Dichloroethane

Concen: 1.688 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU047312.D

Acq: 03 Mar 2022 14:01

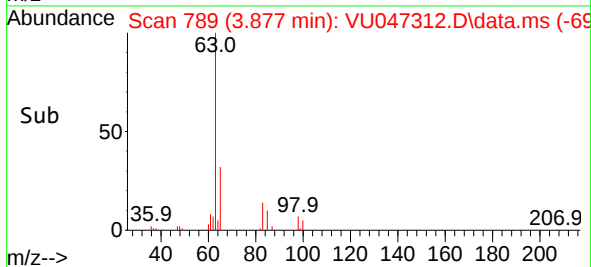
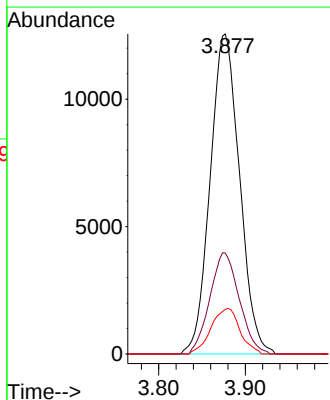
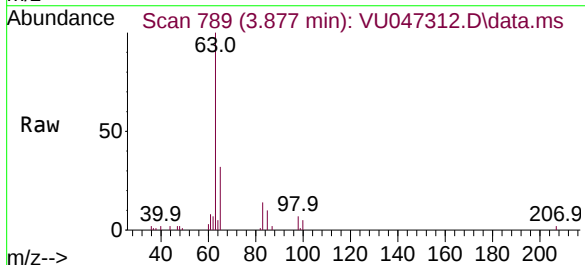
Tgt Ion: 63 Resp: 29579

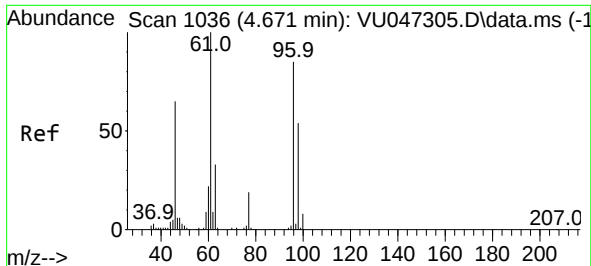
Ion Ratio Lower Upper

63 100

65 31.6 22.3 41.5

83 14.0 9.6 17.8

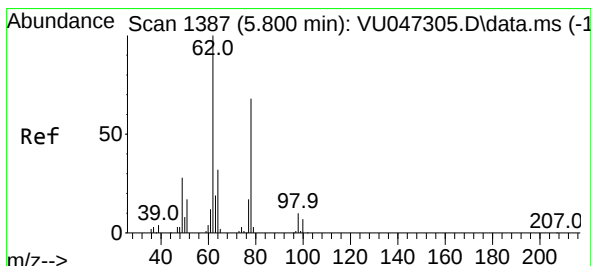
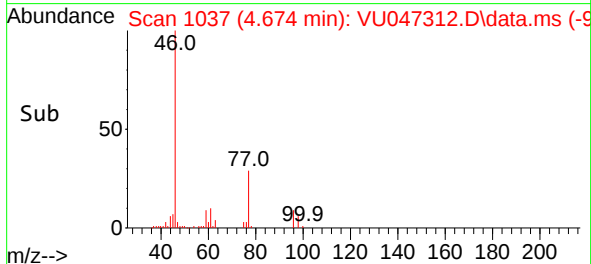
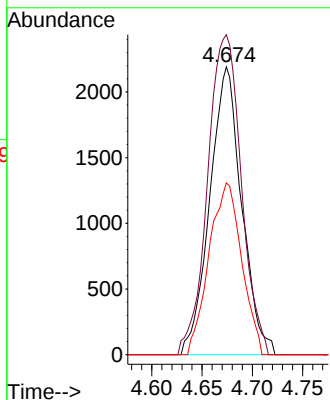
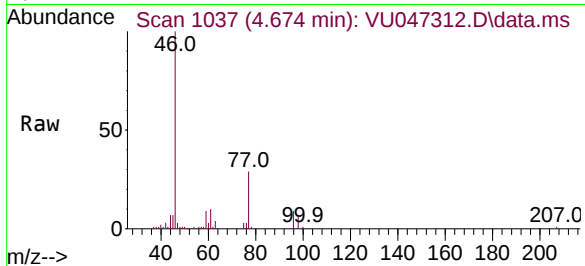




#22
 cis-1,2-Dichloroethene
 Concen: 0.443 ug/L
 RT: 4.674 min Scan# 1036
 Delta R.T. 0.003 min
 Lab File: VU047312.D
 Acq: 03 Mar 2022 14:01

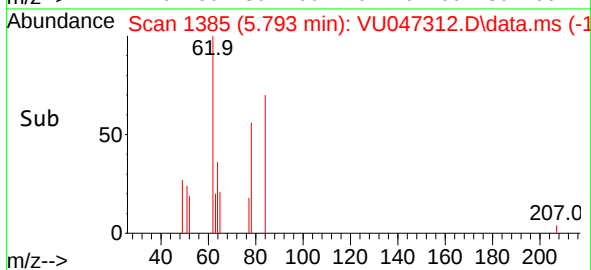
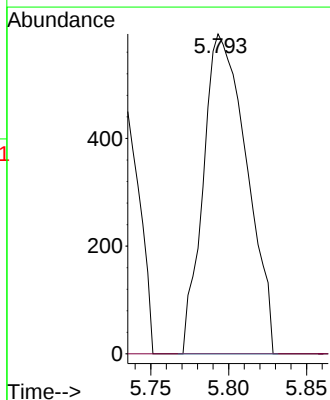
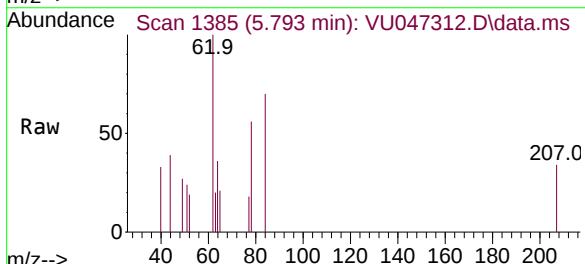
Instrument :
 MSVOA_U
 ClientSampleId :
 BFY12

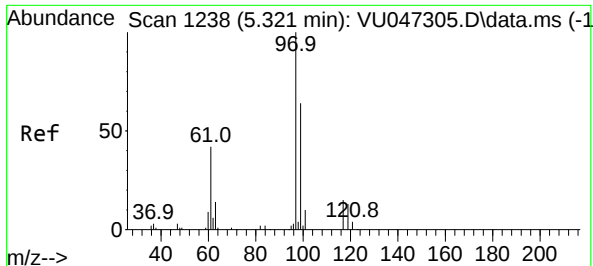
Tgt Ion: 96 Resp: 4835
 Ion Ratio Lower Upper
 96 100
 61 111.2 88.5 164.3
 98 59.7 44.4 82.5



#27
 1,2-Dichloroethane
 Concen: 0.094 ug/L
 RT: 5.793 min Scan# 1385
 Delta R.T. -0.007 min
 Lab File: VU047312.D
 Acq: 03 Mar 2022 14:01

Tgt Ion: 62 Resp: 1156
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.8 11.8#





#29

1,1,1-Trichloroethane

Concen: 0.120 ug/L

RT: 5.324 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU047312.D

Acq: 03 Mar 2022 14:01

Instrument :

MSVOA_U

ClientSampleId :

BFY12

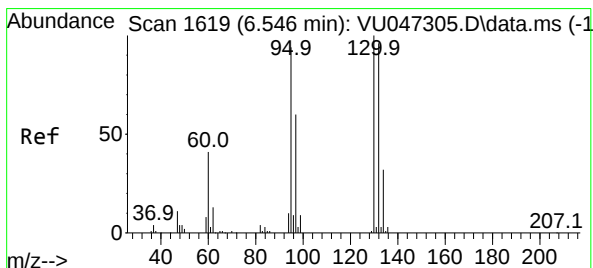
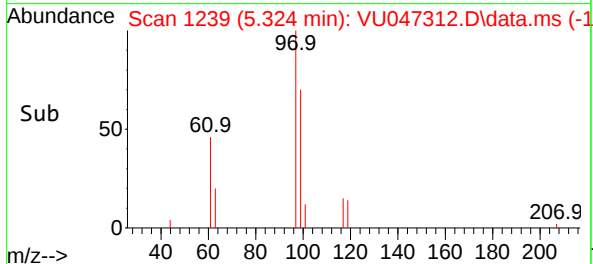
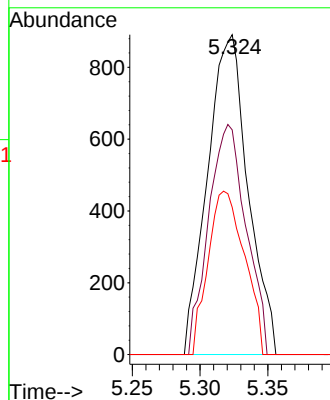
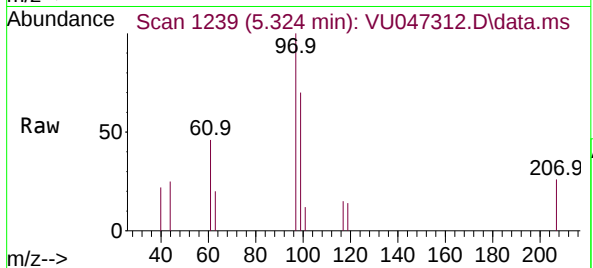
Tgt Ion: 97 Resp: 1852

Ion Ratio Lower Upper

97 100

99 66.8 51.3 76.9

61 46.0 36.1 54.1



#34

Trichloroethene

Concen: 3.117 ug/L

RT: 6.545 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU047312.D

Acq: 03 Mar 2022 14:01

Tgt Ion: 95 Resp: 33698

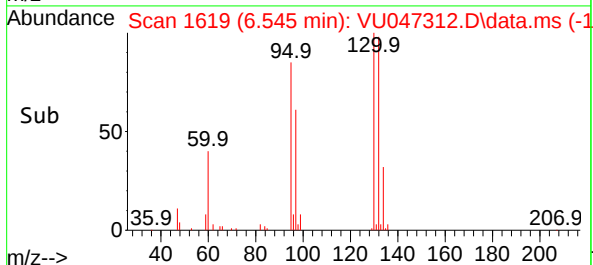
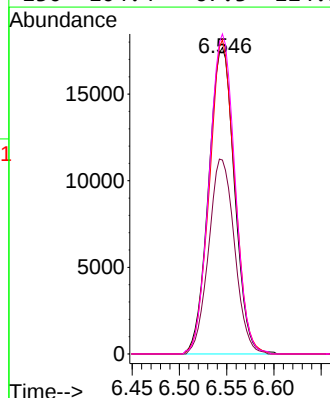
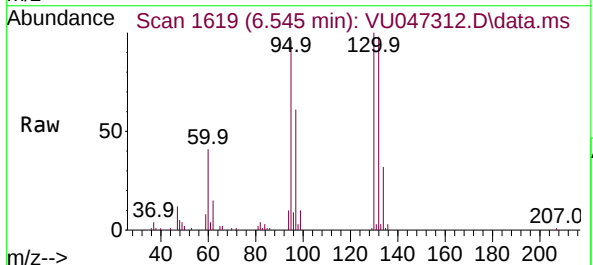
Ion Ratio Lower Upper

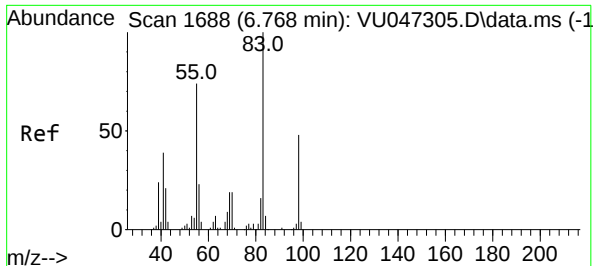
95 100

97 63.3 46.5 86.5

132 102.6 65.1 120.9

130 104.4 67.3 124.9

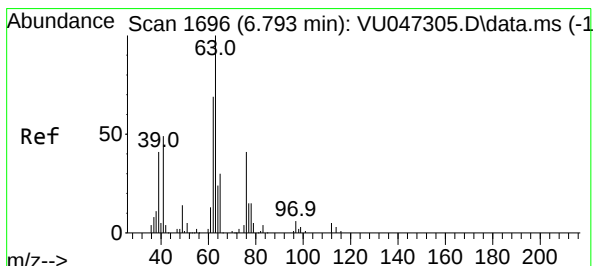
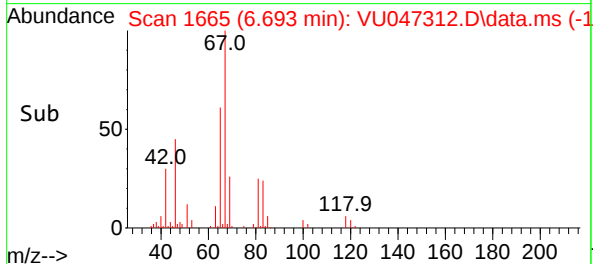
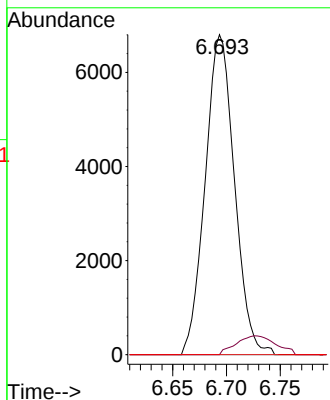
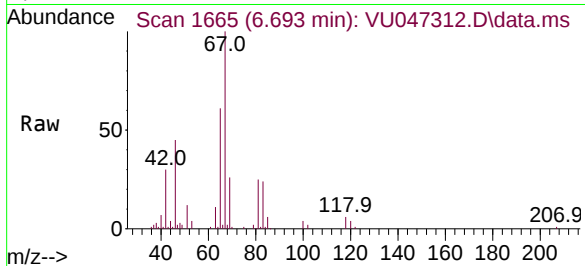




#35
Methylcyclohexane
Concen: 0.706 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047312.D
Acq: 03 Mar 2022 14:01

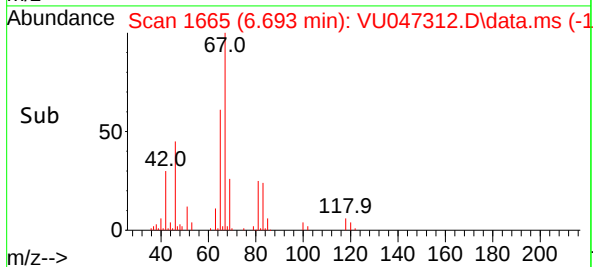
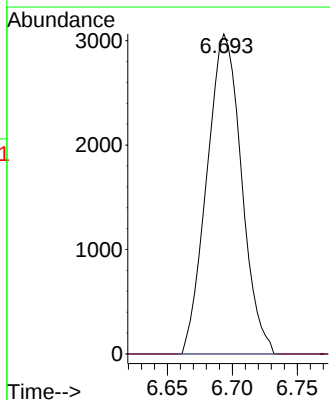
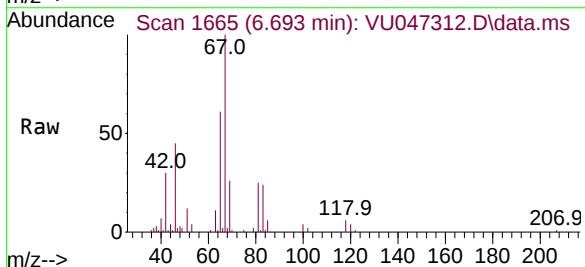
Instrument :
MSVOA_U
ClientSampleId :
BFY12

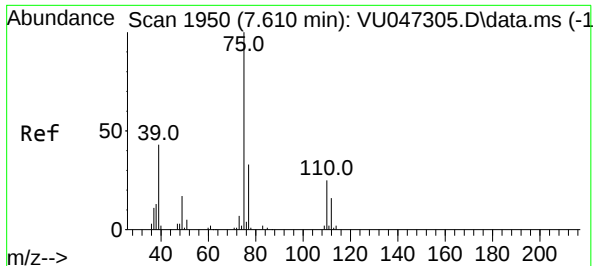
Tgt Ion	Ratio	Lower	Upper
83	100		
55	7.9	61.9	92.9#
98	2.1	39.0	58.6#



#37
1,2-Dichloropropane
Concen: 0.542 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU047312.D
Acq: 03 Mar 2022 14:01

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.571 min Scan# 1950

Delta R.T. -0.039 min

Lab File: VU047312.D

Acq: 03 Mar 2022 14:01

Instrument :

MSVOA_U

ClientSampleId :

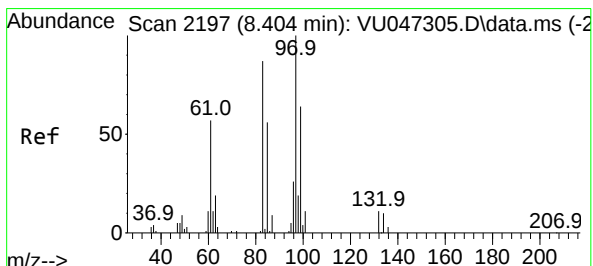
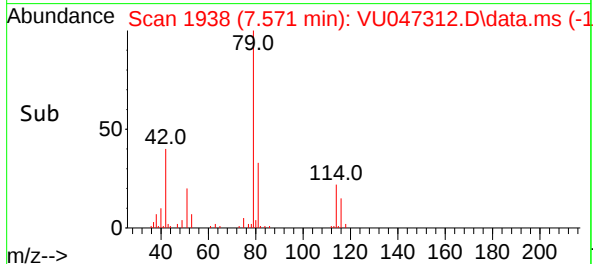
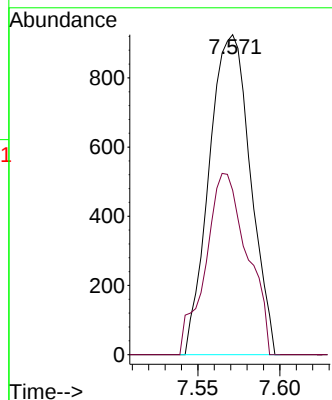
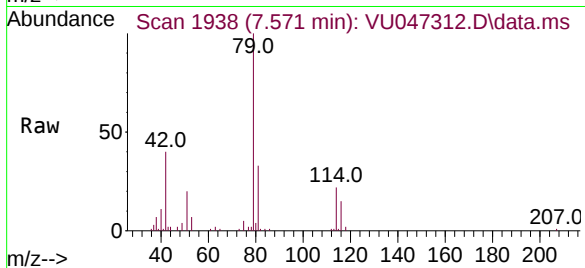
BFY12

Tgt Ion: 75 Resp: 1617

Ion Ratio Lower Upper

75 100

77 51.4 22.5 41.9#



#45

1,1,2-Trichloroethane

Concen: 0.190 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.148 min

Lab File: VU047312.D

Acq: 03 Mar 2022 14:01

Tgt Ion: 97 Resp: 1543

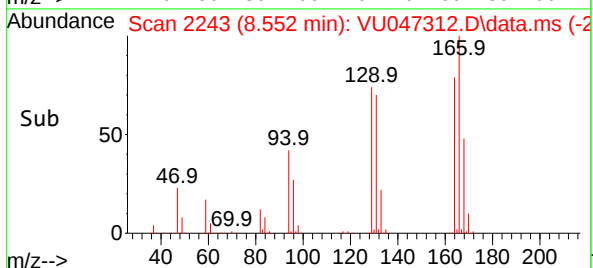
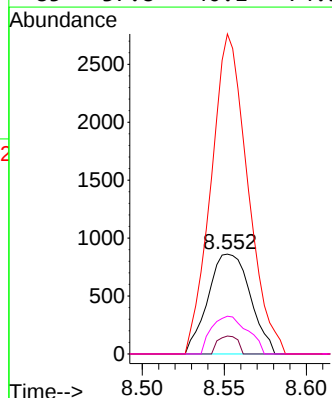
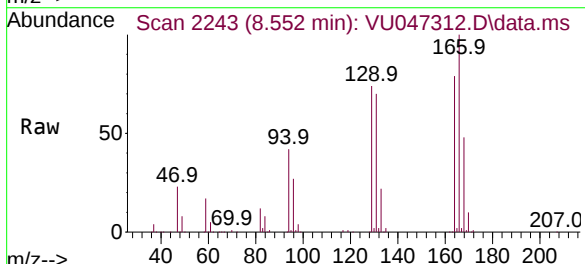
Ion Ratio Lower Upper

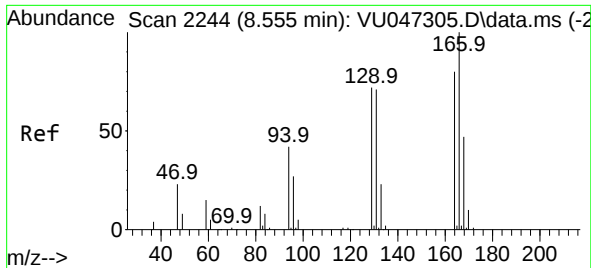
97 100

99 17.9 42.3 78.5#

83 320.4 62.0 115.2#

85 37.8 40.1 74.5#

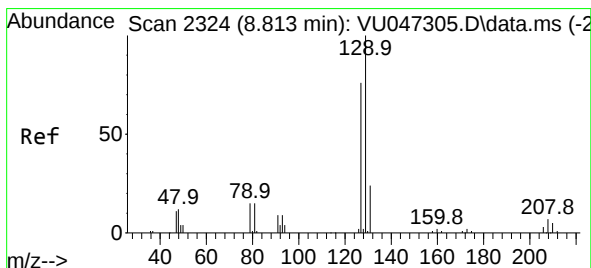
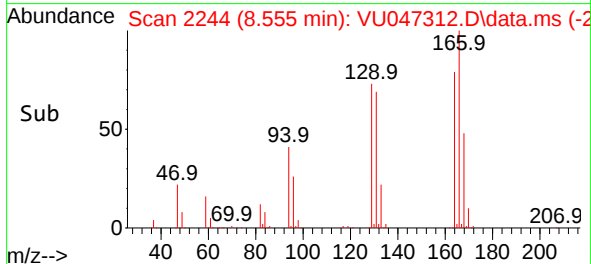
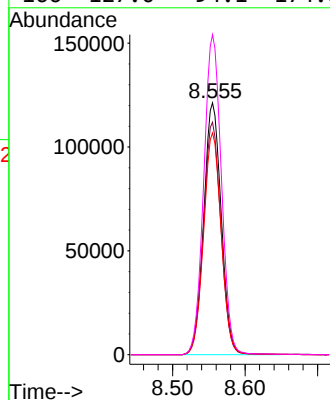
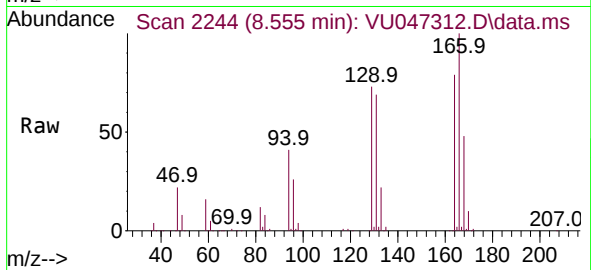




#47
Tetrachloroethene
Concen: 23.281 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047312.D
Acq: 03 Mar 2022 14:01

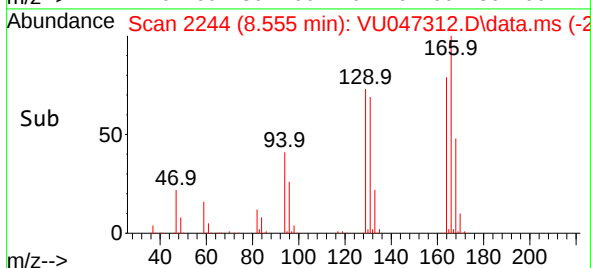
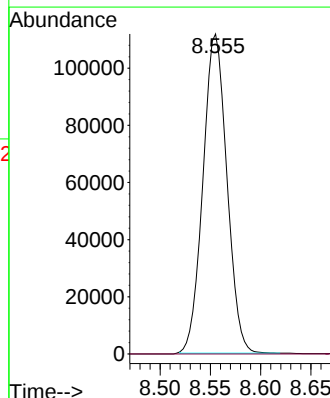
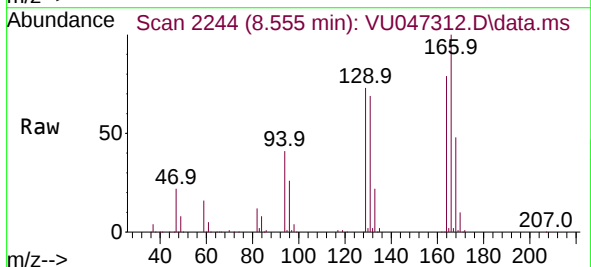
Instrument :
MSVOA_U
ClientSampleId :
BFY12

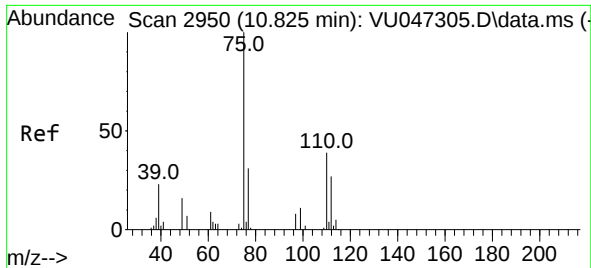
Tgt Ion:164 Resp: 204252
Ion Ratio Lower Upper
164 100
129 92.3 71.8 133.4
131 88.0 68.5 127.3
166 127.0 94.1 174.8



#49
Dibromochloromethane
Concen: 18.893 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU047312.D
Acq: 03 Mar 2022 14:01

Tgt Ion:129 Resp: 185158
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61

1,2,3-Trichloropropane

Concen: 1.152 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU047312.D

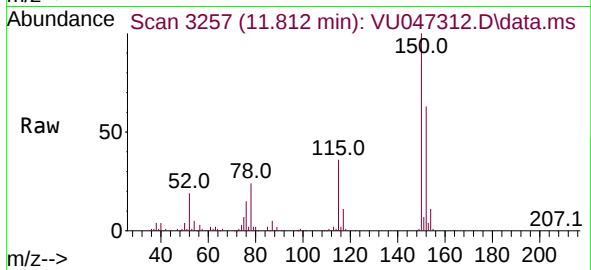
Acq: 03 Mar 2022 14:01

Instrument :

MSVOA_U

ClientSampleId :

BFY12



Tgt Ion: 75 Resp: 9883

Ion Ratio Lower Upper

75 100

110 2.0 29.9 44.9#

77 31.6 25.5 38.3

