

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031022\
 Data File : VU047461.D
 Acq On : 10 Mar 2022 16:27
 Operator : SY/MD
 Sample : N1840-01DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY20DL

Quant Time: Mar 11 00:55:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 11 00:52:41 2022
 Response via : Initial Calibration

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

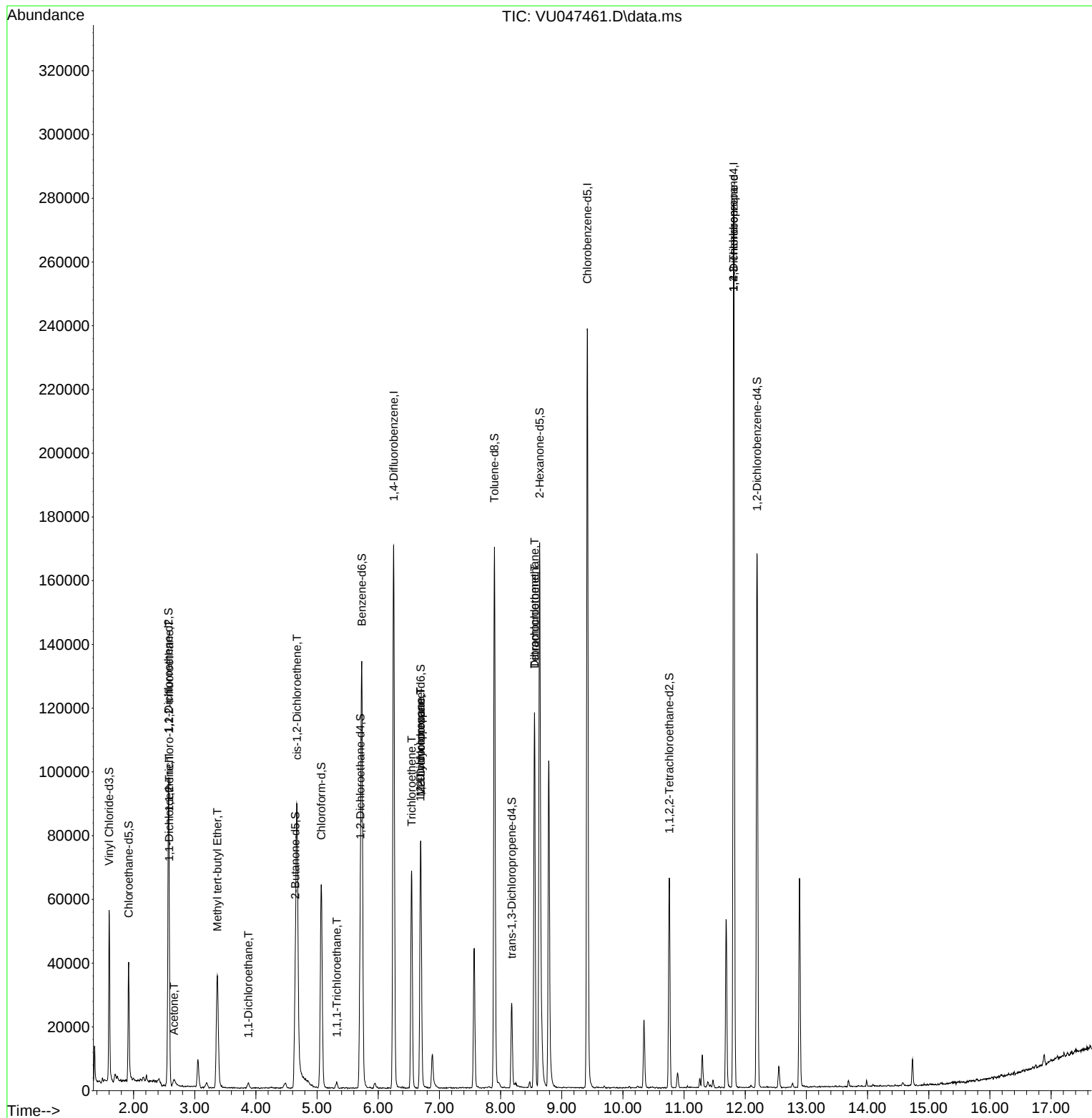
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	147992	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	139790	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	77080	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	36861	4.592	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.919	69	27982	4.749	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.572	65	16438	4.637	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	4.645	46	75120	52.567	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.140%
24) Chloroform-d	5.070	84	59858	4.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.706	65	31664	4.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.732	84	130383	4.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.694	67	38468	4.945	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.899	98	119293	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.182	79	15730	4.763	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.639	63	70743	48.624	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.240%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32744	4.830	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	47105	4.820	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	527	0.060	ug/L #	17
12) 1,1-Dichloroethene	2.584	96	2986	0.344	ug/L #	1
13) Acetone	2.662	43	5168	3.936	ug/L	72
17) Methyl tert-butyl Ether	3.369	73	41919	1.871	ug/L	97
19) 1,1-Dichloroethane	3.877	63	2335	0.148	ug/L #	83
22) cis-1,2-Dichloroethene	4.671	96	38499	3.735	ug/L	94
29) 1,1,1-Trichloroethane	5.321	97	1672	0.116	ug/L	94
34) Trichloroethene	6.546	95	22600	2.239	ug/L	98
35) Methylcyclohexane	6.694	83	8985	0.564	ug/L #	27
37) 1,2-Dichloropropane	6.690	63	4014	0.427	ug/L #	88
47) Tetrachloroethene	8.555	164	27454	3.207	ug/L	96
49) Dibromochloromethane	8.555	129	24664	2.635	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	8332	1.167	ug/L #	66

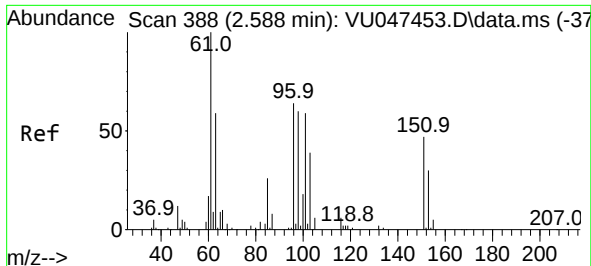
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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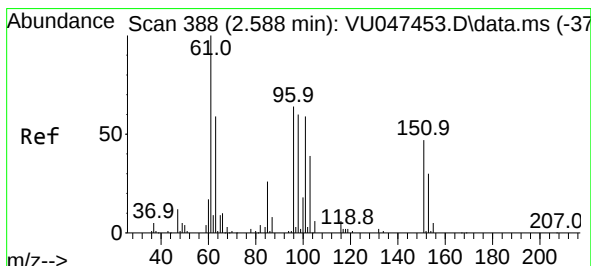
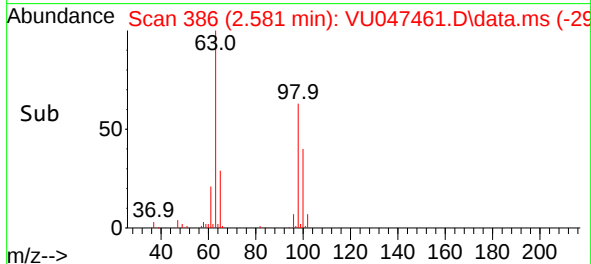
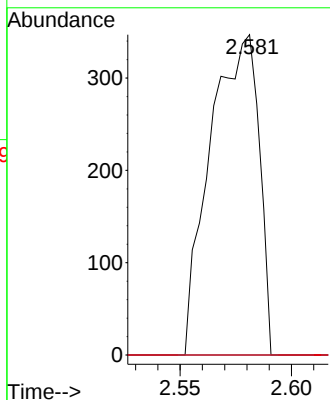
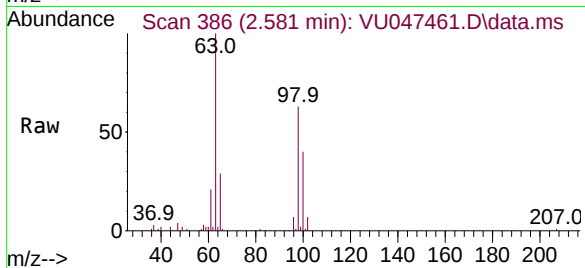




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.060 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.006 min
 Lab File: VU047461.D
 Acq: 10 Mar 2022 16:27

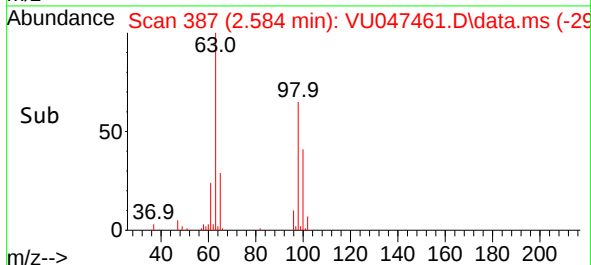
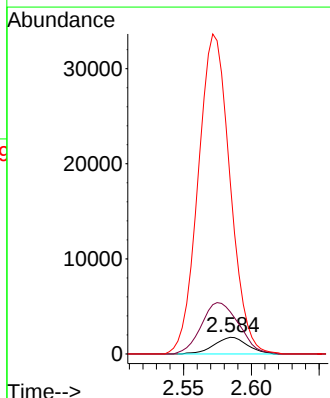
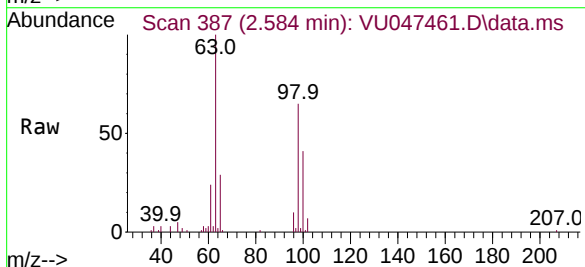
Instrument :
 MSVOA_U
 ClientSampleId :
 BFY20DL

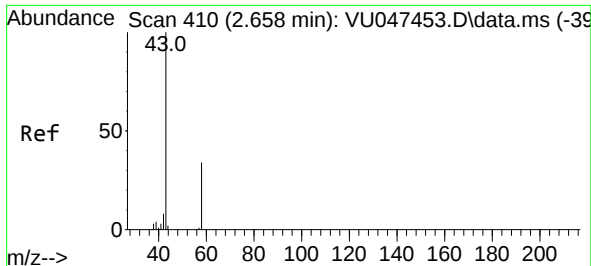
Tgt Ion:101 Resp: 527
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.8 50.6#
 151 0.0 64.8 97.2#



#12
 1,1-Dichloroethene
 Concen: 0.344 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU047461.D
 Acq: 10 Mar 2022 16:27

Tgt Ion: 96 Resp: 2986
 Ion Ratio Lower Upper
 96 100
 61 252.7 108.8 202.0#
 63 1036.6 64.0 119.0#





#13

Acetone

Concen: 3.936 ug/L

RT: 2.662 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU047461.D

Acq: 10 Mar 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

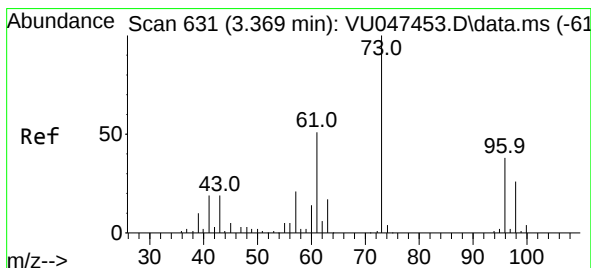
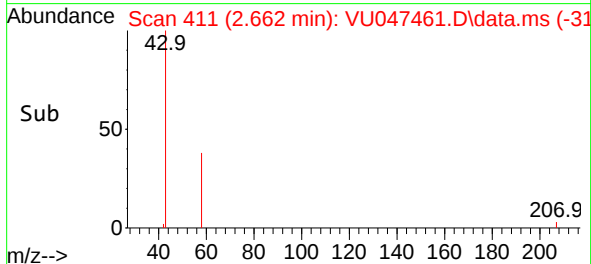
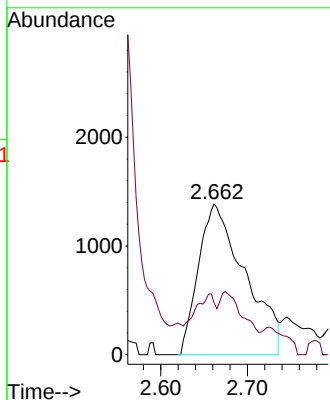
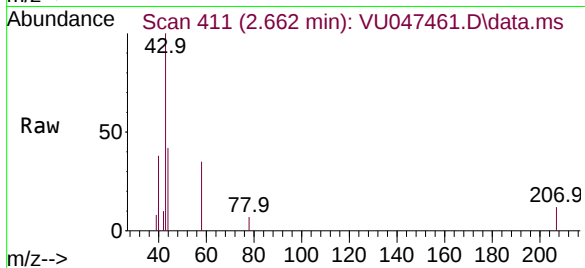
BFY20DL

Tgt Ion: 43 Resp: 5168

Ion Ratio Lower Upper

43 100

58 19.7 0.0 72.6



#17

Methyl tert-butyl Ether

Concen: 1.871 ug/L

RT: 3.369 min Scan# 631

Delta R.T. 0.000 min

Lab File: VU047461.D

Acq: 10 Mar 2022 16:27

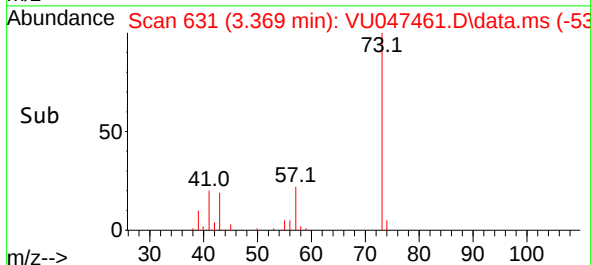
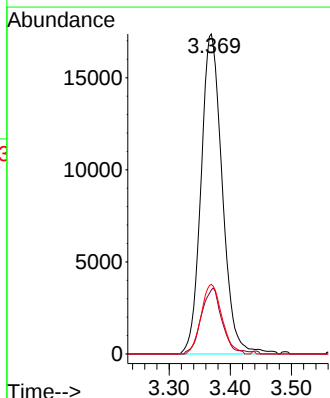
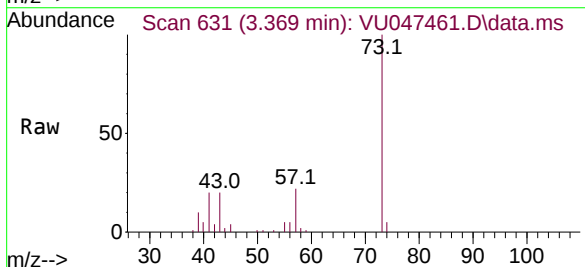
Tgt Ion: 73 Resp: 41919

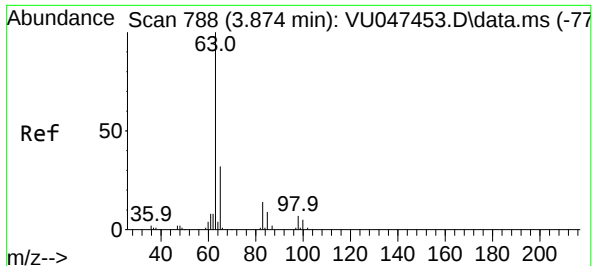
Ion Ratio Lower Upper

73 100

43 20.1 14.6 22.0

57 21.3 16.5 24.7





#19

1,1-Dichloroethane

Concen: 0.148 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU047461.D

Acq: 10 Mar 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

BFY20DL

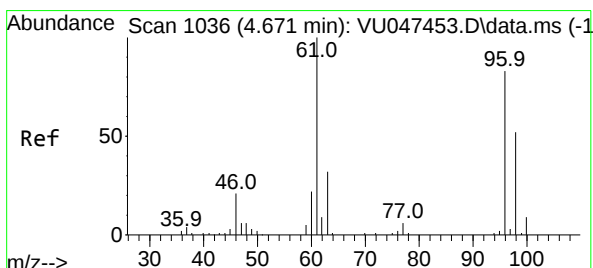
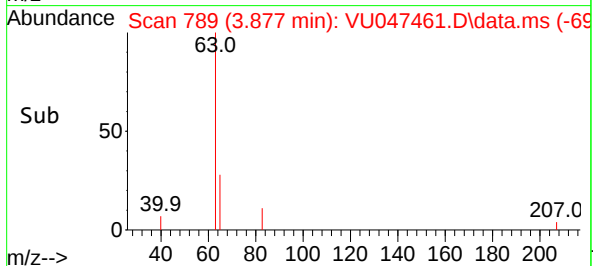
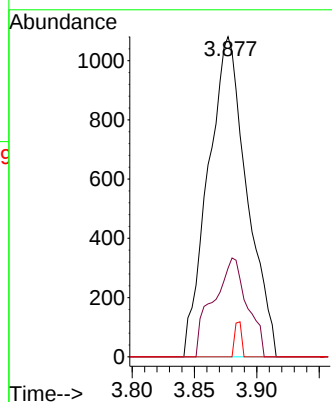
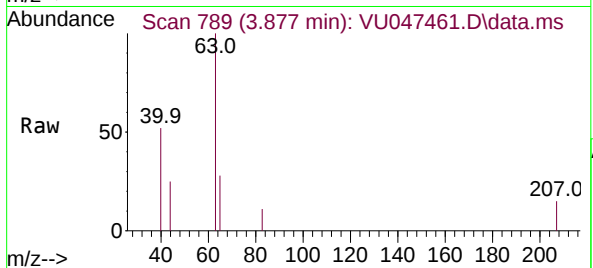
Tgt Ion: 63 Resp: 2335

Ion Ratio Lower Upper

63 100

65 27.7 22.8 42.4

83 0.0 9.9 18.3#



#22

cis-1,2-Dichloroethene

Concen: 3.735 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047461.D

Acq: 10 Mar 2022 16:27

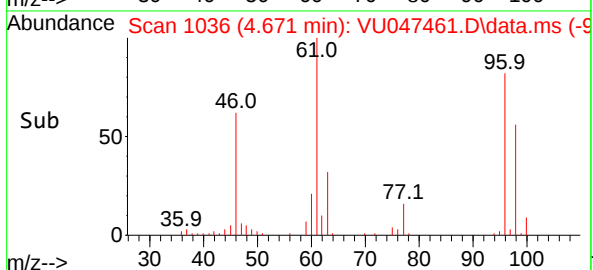
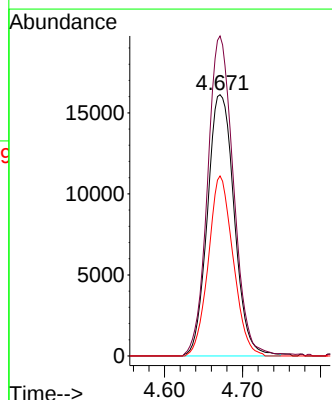
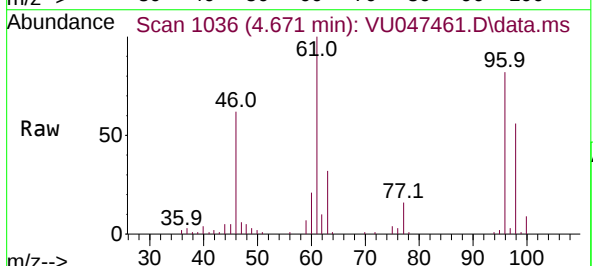
Tgt Ion: 96 Resp: 38499

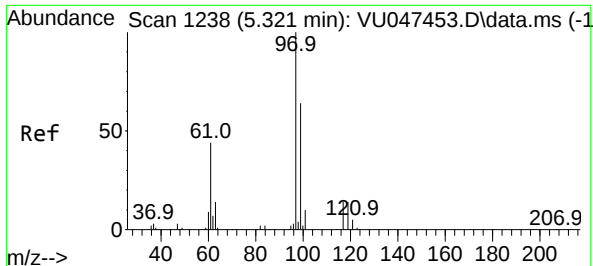
Ion Ratio Lower Upper

96 100

61 122.5 80.8 150.0

98 68.9 44.7 83.1





#29

1,1,1-Trichloroethane

Concen: 0.116 ug/L

RT: 5.321 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU047461.D

Acq: 10 Mar 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

BFY20DL

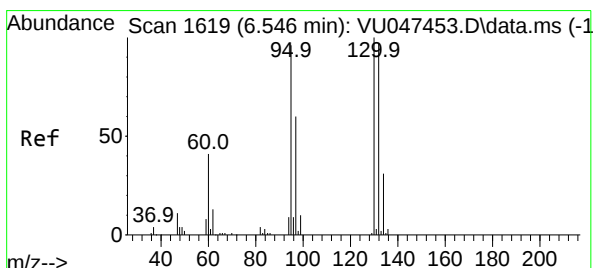
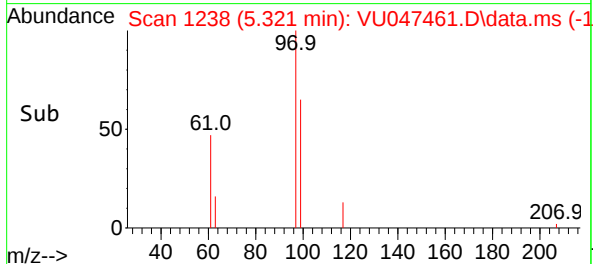
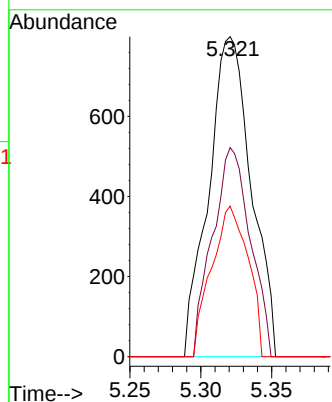
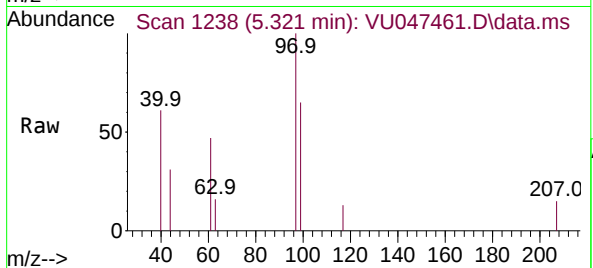
Tgt Ion: 97 Resp: 1672

Ion Ratio Lower Upper

97 100

99 58.1 52.1 78.1

61 40.5 33.8 50.6



#34

Trichloroethene

Concen: 2.239 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU047461.D

Acq: 10 Mar 2022 16:27

Tgt Ion: 95 Resp: 22600

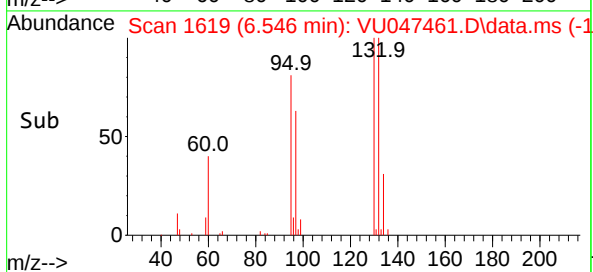
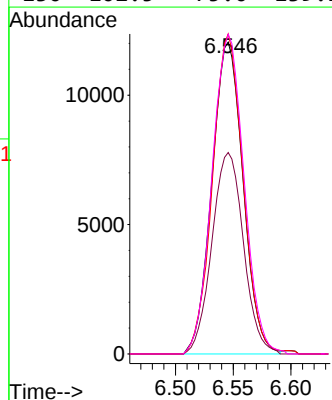
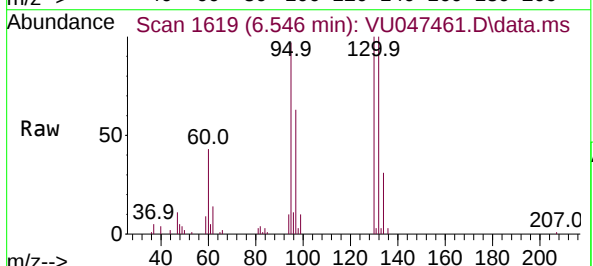
Ion Ratio Lower Upper

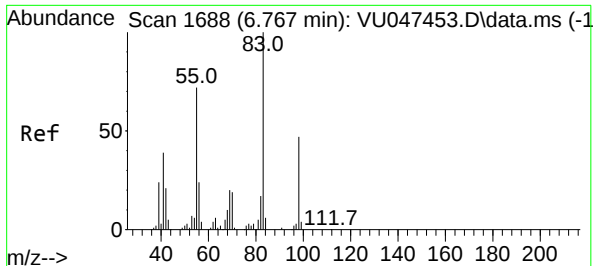
95 100

97 64.6 46.3 85.9

132 102.6 71.7 133.1

130 102.5 75.0 139.2

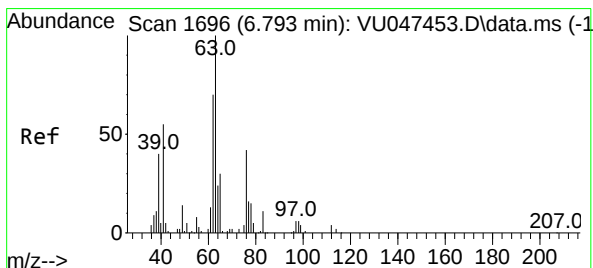
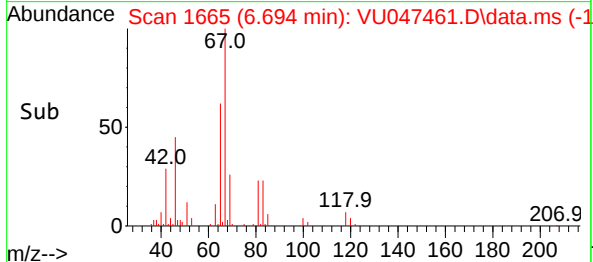
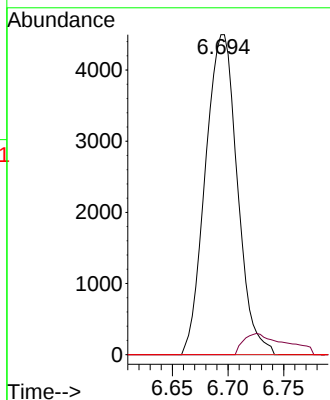
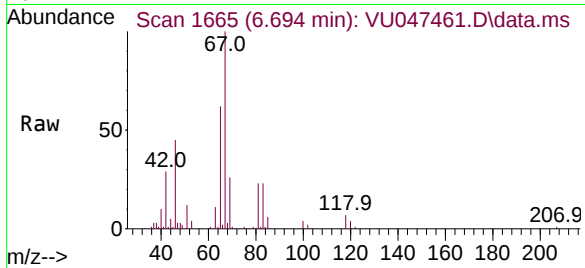




#35
Methylcyclohexane
Concen: 0.564 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047461.D
Acq: 10 Mar 2022 16:27

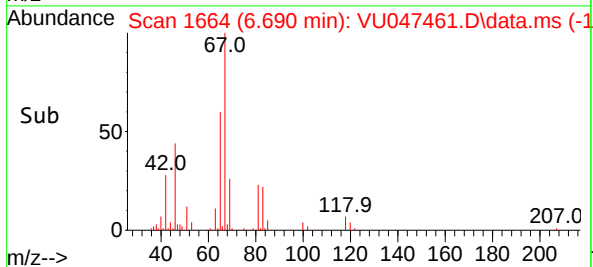
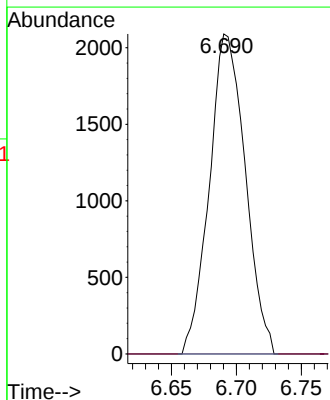
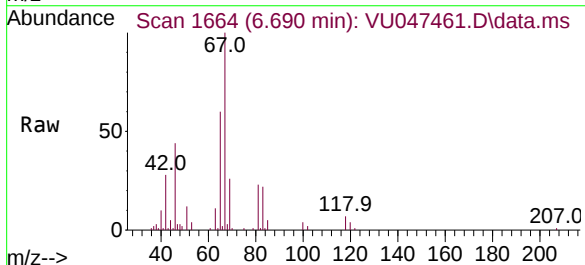
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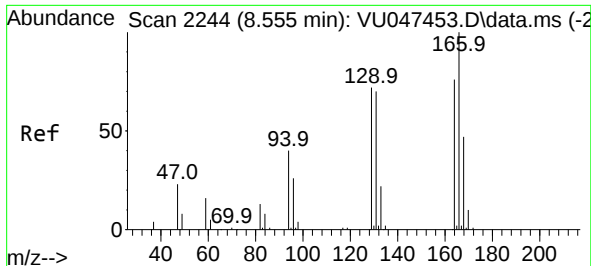
Tgt Ion: 83 Resp: 8985
Ion Ratio Lower Upper
83 100
55 8.7 57.8 86.8#
98 1.5 38.0 57.0#



#37
1,2-Dichloropropane
Concen: 0.427 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU047461.D
Acq: 10 Mar 2022 16:27

Tgt Ion: 63 Resp: 4014
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#47

Tetrachloroethene

Concen: 3.207 ug/L

RT: 8.555 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047461.D

Acq: 10 Mar 2022 16:27

Instrument :

MSVOA_U

ClientSampleId :

BFY20DL

Tgt Ion:164 Resp: 27454

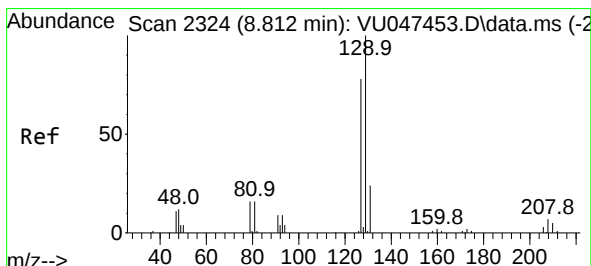
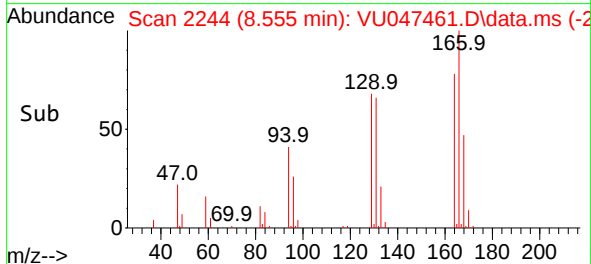
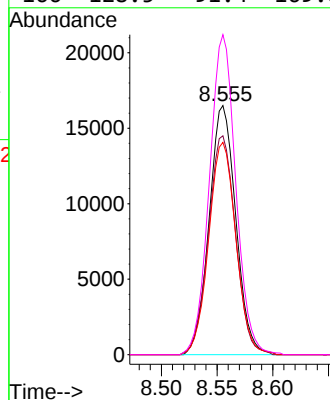
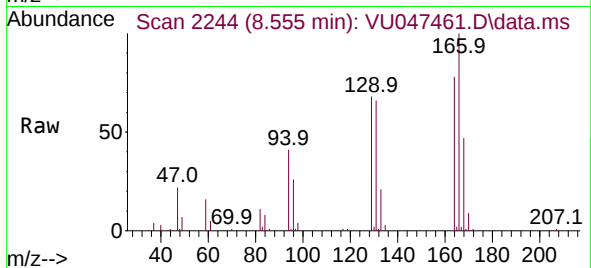
Ion Ratio Lower Upper

164 100

129 87.9 64.9 120.5

131 85.3 63.6 118.2

166 128.5 91.4 169.8



#49

Dibromochloromethane

Concen: 2.635 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU047461.D

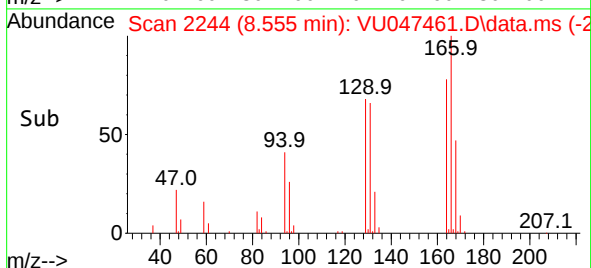
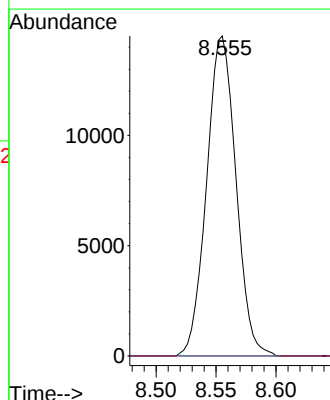
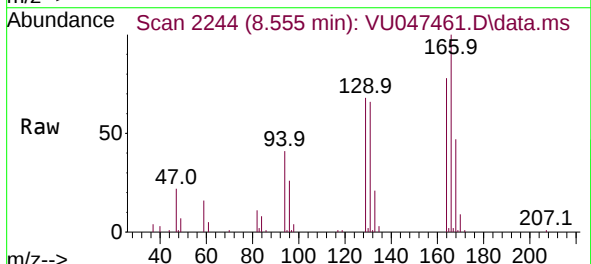
Acq: 10 Mar 2022 16:27

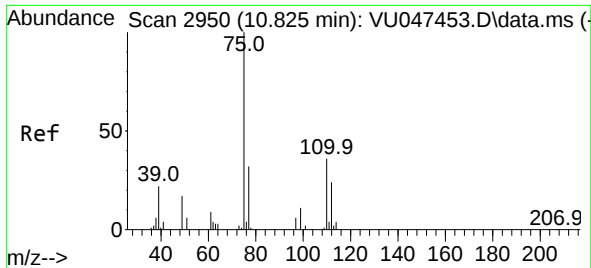
Tgt Ion:129 Resp: 24664

Ion Ratio Lower Upper

129 100

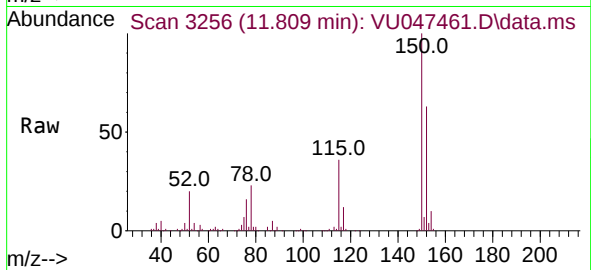
127 0.0 52.6 97.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.167 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.984 min
 Lab File: VU047461.D
 Acq: 10 Mar 2022 16:27

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY20DL



Tgt Ion: 75 Resp: 8332
 Ion Ratio Lower Upper
 75 100
 110 1.9 31.0 46.4#
 77 31.2 26.2 39.4

