

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012822\
 Data File : VU046889.D
 Acq On : 28 Jan 2022 13:42
 Operator : SY/MD
 Sample : N1273-04DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HK3DL

Quant Time: Jan 29 00:40:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 29 00:38:36 2022
 Response via : Initial Calibration

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

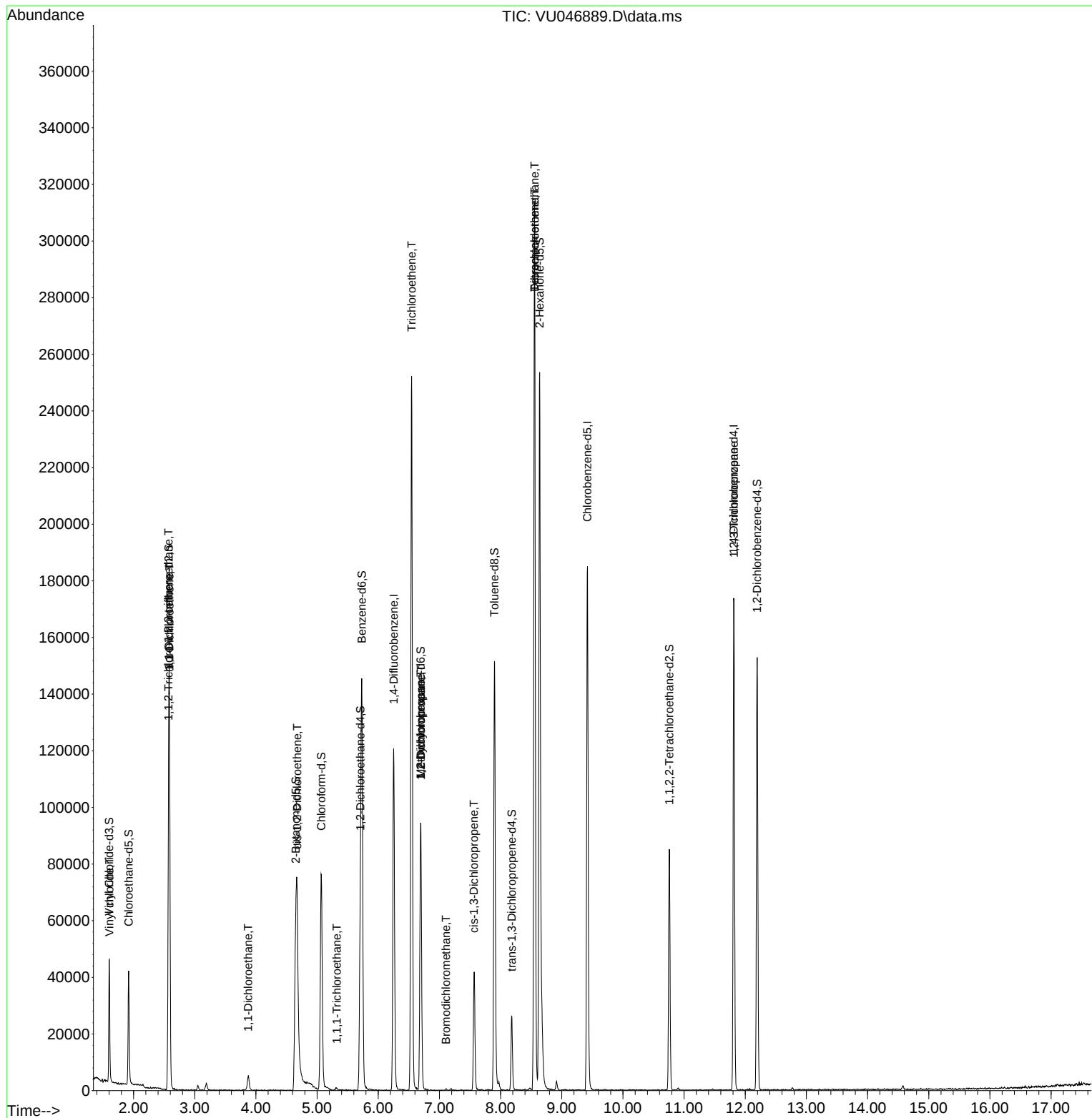
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	100529	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	108202	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47600	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	32193	3.779	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.919	69	31238	4.654	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.575	65	14127	4.169	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	4.652	46	108240	42.891	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.780%
24) Chloroform-d	5.070	84	72791	4.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.706	65	40872	5.019	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.732	84	137246	4.316	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.693	67	45830	4.800	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.899	98	105759	3.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.600%
43) trans-1,3-Dichloroprop...	8.182	79	15967	3.808	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.639	63	103855	41.829	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.660%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	44099	4.600	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	40893	4.581	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
5) Vinyl chloride	1.607	62	708	0.087	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	334	0.057	ug/L #	21
12) 1,1-Dichloroethene	2.587	96	36544	6.510	ug/L #	75
19) 1,1-Dichloroethane	3.874	63	5672	0.556	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	20681	3.225	ug/L	96
29) 1,1,1-Trichloroethane	5.321	97	703	0.072	ug/L #	69
34) Trichloroethene	6.546	95	87256	13.192	ug/L	98
35) Methylcyclohexane	6.693	83	11020	0.995	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	4765	0.762	ug/L #	88
38) Bromodichloromethane	7.108	83	441	0.049	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	1067	0.109	ug/L	86
47) Tetrachloroethene	8.555	164	68860	12.801	ug/L	96
49) Dibromochloromethane	8.555	129	68024	10.846	ug/L #	10
61) 1,2,3-Trichloropropane	11.815	75	5685	1.410	ug/L #	66

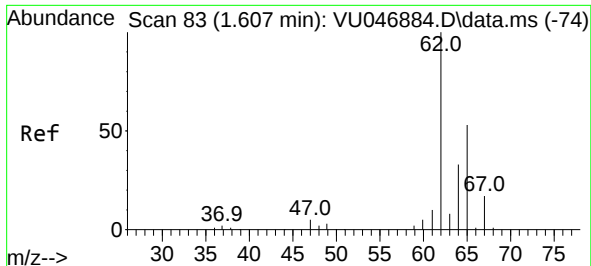
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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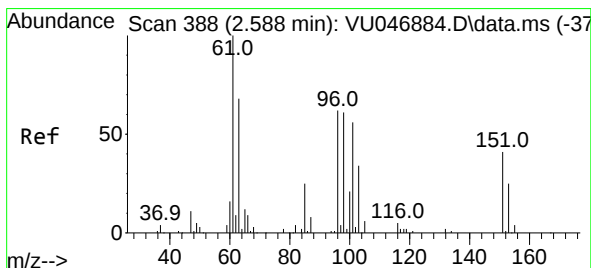
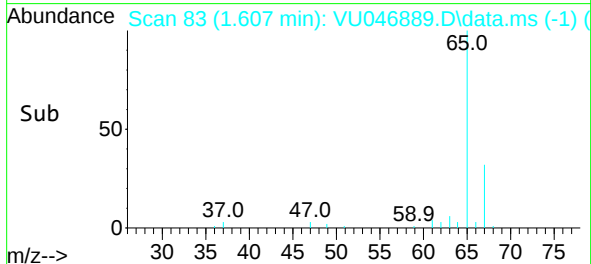
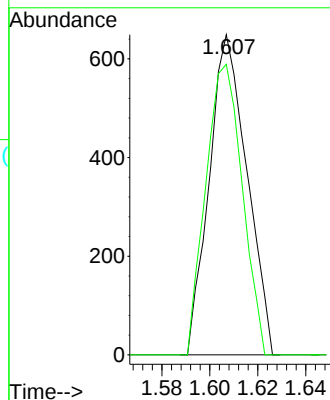
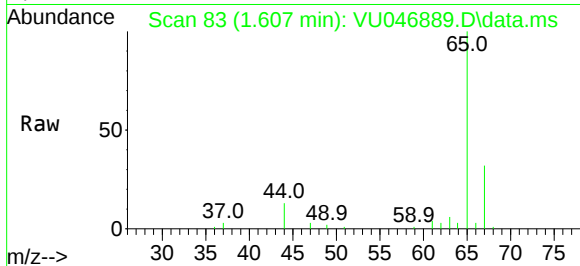




#5
 Vinyl chloride
 Concen: 0.087 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU046889.D
 Acq: 28 Jan 2022 13:42

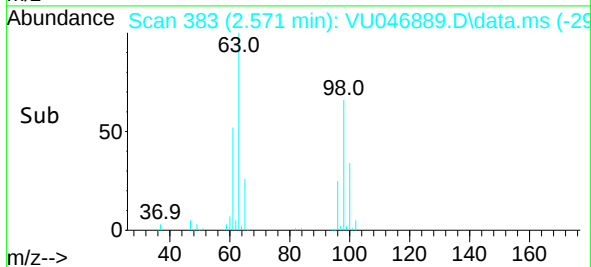
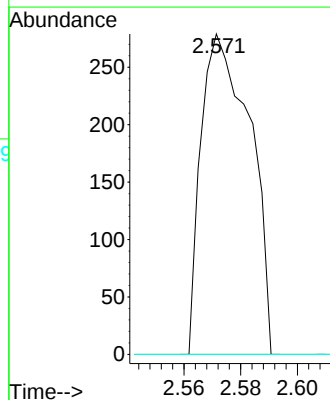
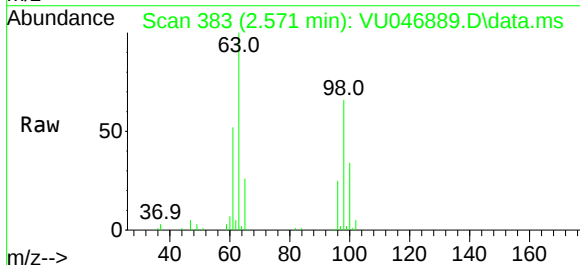
Instrument :
 MSVOA_U
 ClientSampleId :
 C0HK3DL

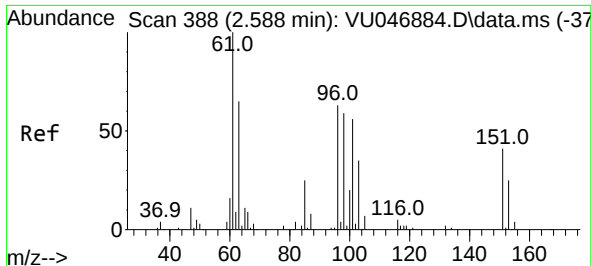
Tgt Ion: 62 Resp: 708
 Ion Ratio Lower Upper
 62 100
 64 90.8 22.9 42.5#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.057 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046889.D
 Acq: 28 Jan 2022 13:42

Tgt Ion: 101 Resp: 334
 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: 6.510 ug/L

RT: 2.587 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU046889.D

Acq: 28 Jan 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :

C0HK3DL

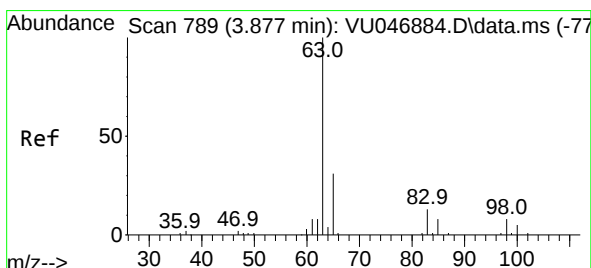
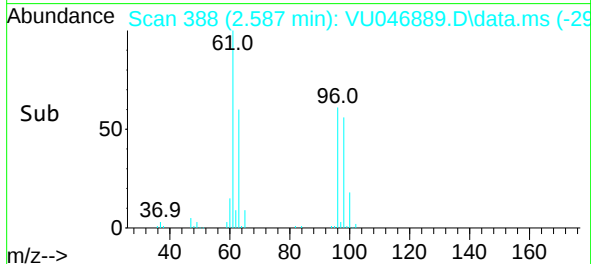
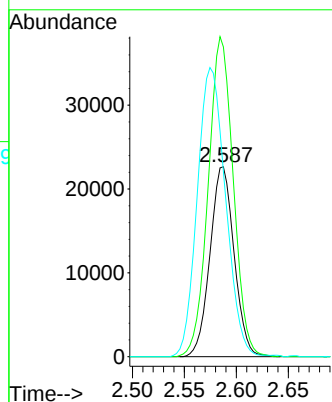
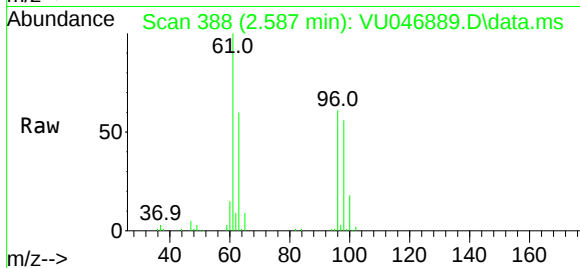
Tgt Ion: 96 Resp: 36544

Ion Ratio Lower Upper

96 100

61 163.1 124.7 231.5

63 97.5 105.2 195.4#



#19

1,1-Dichloroethane

Concen: 0.556 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU046889.D

Acq: 28 Jan 2022 13:42

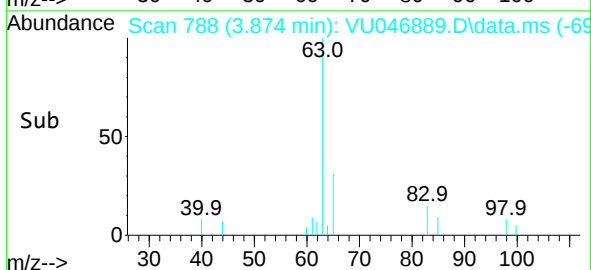
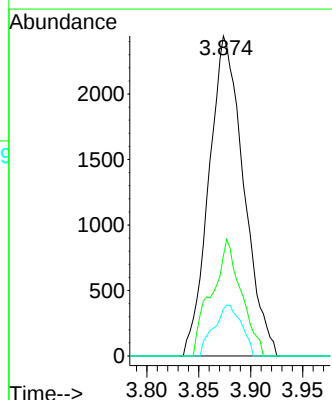
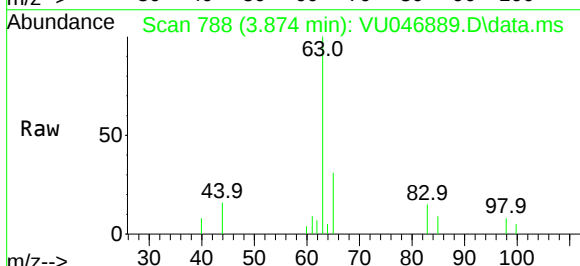
Tgt Ion: 63 Resp: 5672

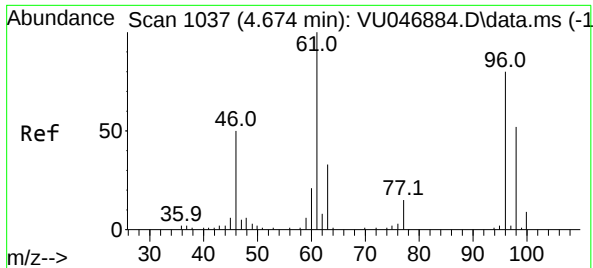
Ion Ratio Lower Upper

63 100

65 31.4 22.3 41.5

83 14.7 9.6 17.8





#22

cis-1,2-Dichloroethene

Concen: 3.225 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VU046889.D

Acq: 28 Jan 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :

C0HK3DL

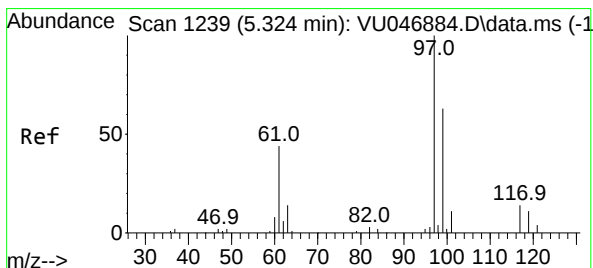
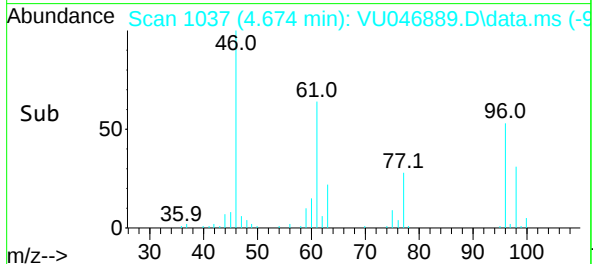
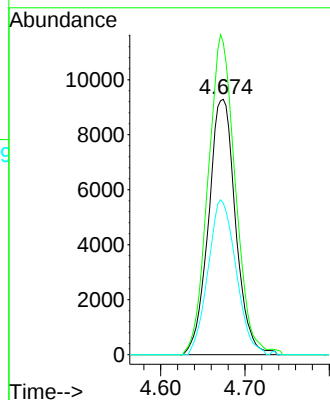
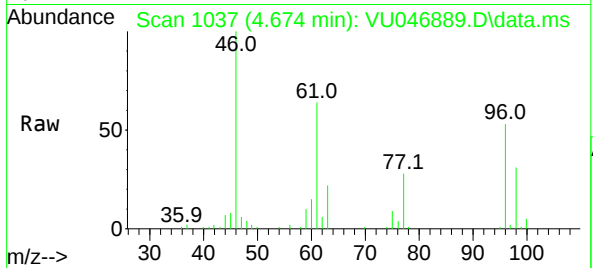
Tgt Ion: 96 Resp: 20681

Ion Ratio Lower Upper

96 100

61 122.2 88.5 164.3

98 59.4 44.4 82.5



#29

1,1,1-Trichloroethane

Concen: 0.072 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.003 min

Lab File: VU046889.D

Acq: 28 Jan 2022 13:42

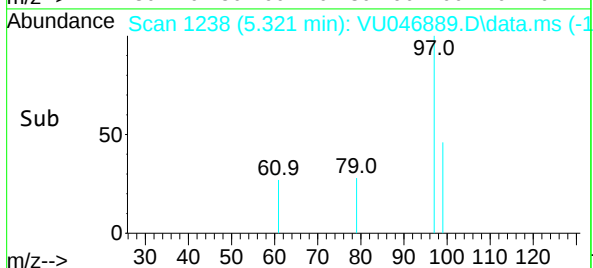
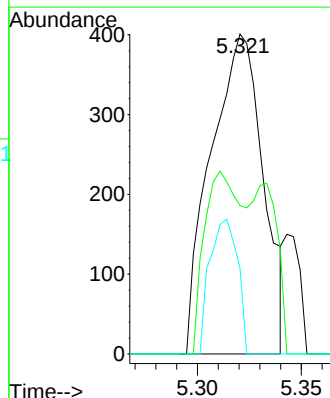
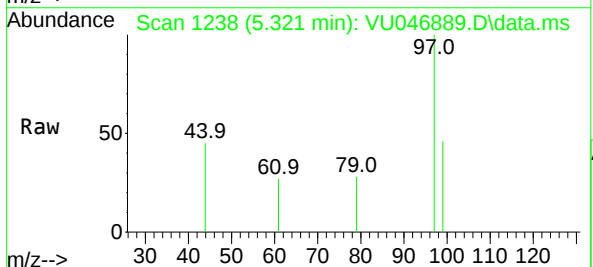
Tgt Ion: 97 Resp: 703

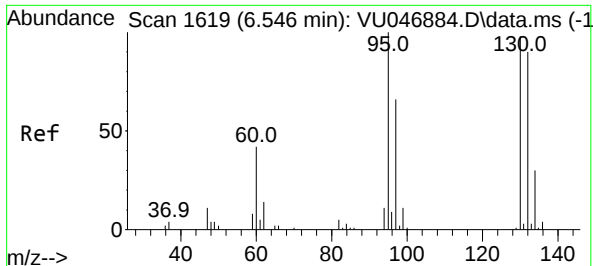
Ion Ratio Lower Upper

97 100

99 41.8 51.3 76.9#

61 22.3 36.1 54.1#

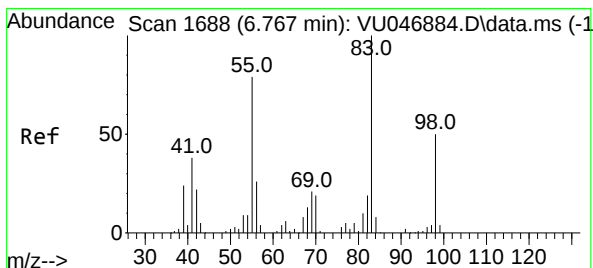
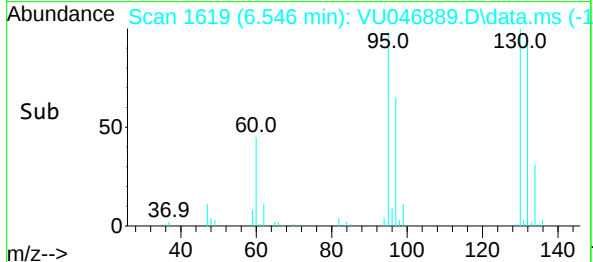
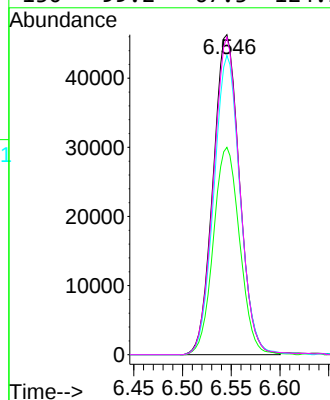
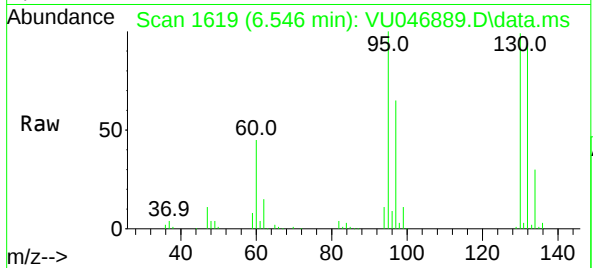




#34
Trichloroethene
Concen: 13.192 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046889.D
Acq: 28 Jan 2022 13:42

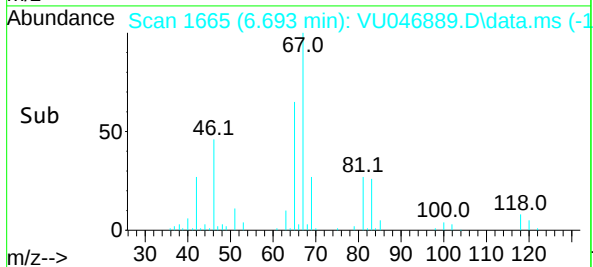
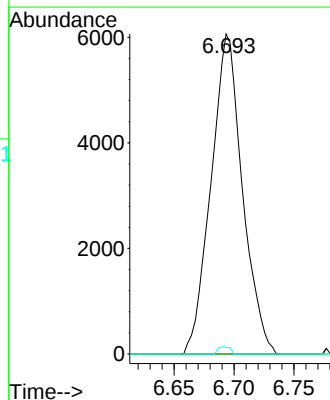
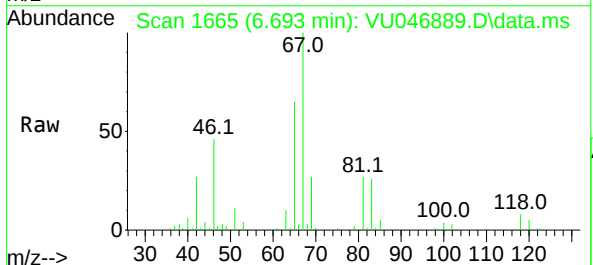
Instrument :
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C0HK3DL

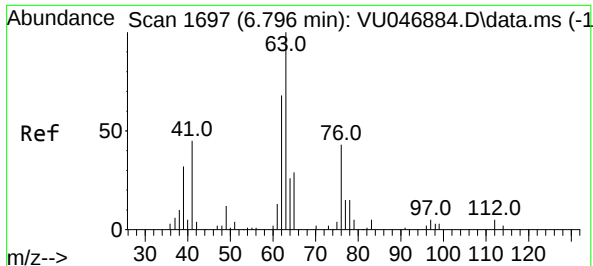
Tgt Ion: 95 Resp: 87256
Ion Ratio Lower Upper
95 100
97 64.8 46.5 86.5
132 93.5 65.1 120.9
130 99.2 67.3 124.9



#35
Methylcyclohexane
Concen: 0.995 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046889.D
Acq: 28 Jan 2022 13:42

Tgt Ion: 83 Resp: 11020
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.9 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.762 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046889.D

Acq: 28 Jan 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :

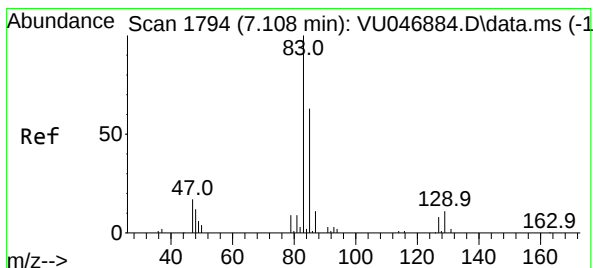
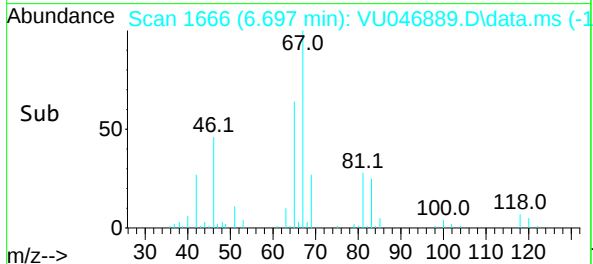
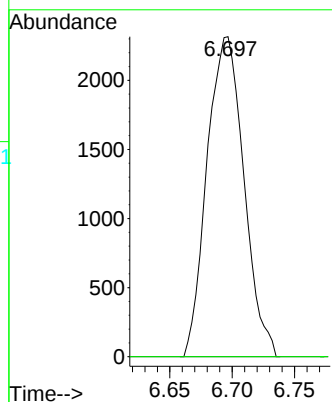
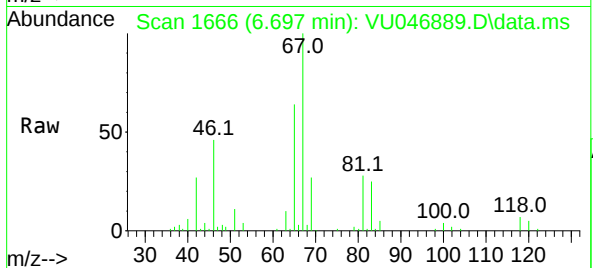
C0HK3DL

Tgt Ion: 63 Resp: 4765

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#38

Bromodichloromethane

Concen: 0.049 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU046889.D

Acq: 28 Jan 2022 13:42

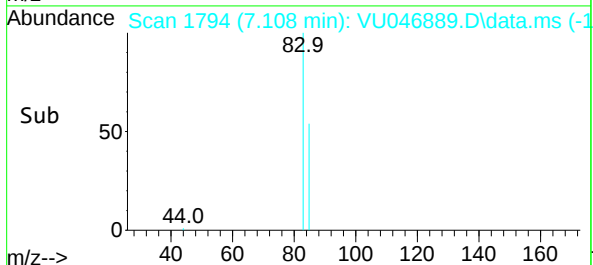
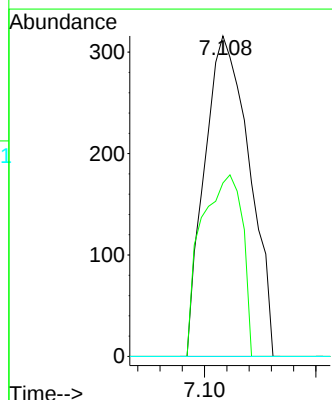
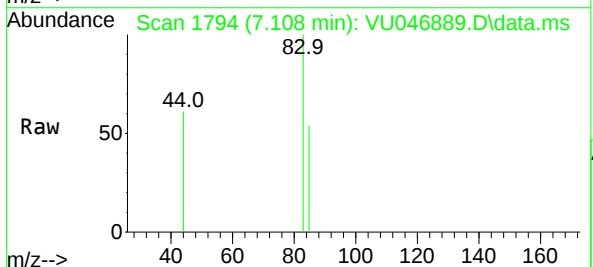
Tgt Ion: 83 Resp: 441

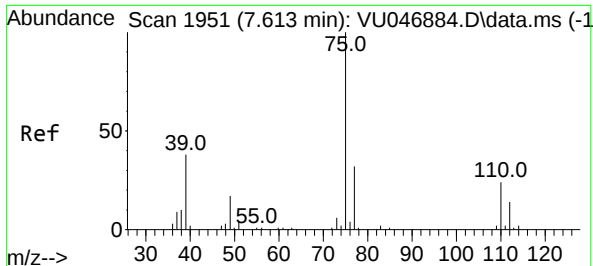
Ion Ratio Lower Upper

83 100

85 54.1 44.0 81.8

127 0.0 6.3 9.5#





#39

cis-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 7.565 min Scan# 1951

Delta R.T. -0.048 min

Lab File: VU046889.D

Acq: 28 Jan 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :

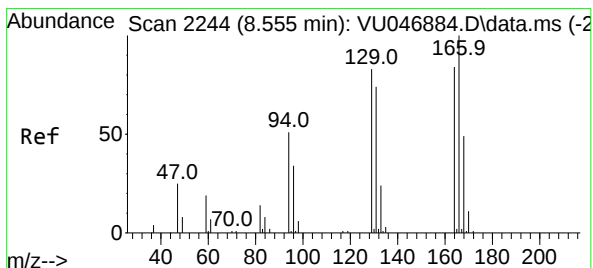
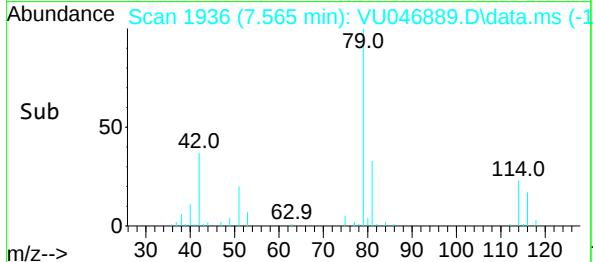
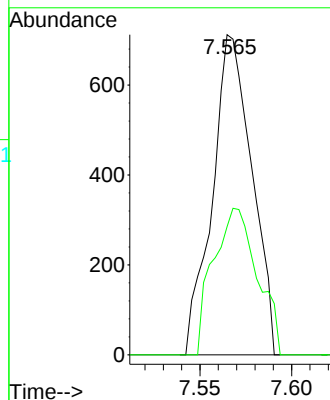
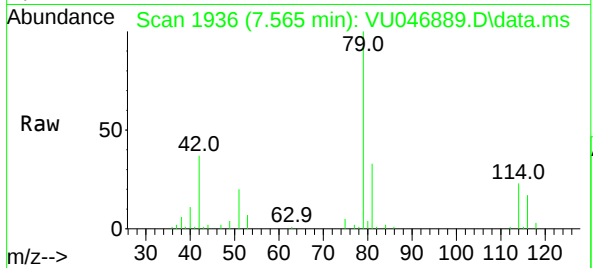
C0HK3DL

Tgt Ion: 75 Resp: 1067

Ion Ratio Lower Upper

75 100

77 40.0 22.5 41.9



#47

Tetrachloroethene

Concen: 12.801 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU046889.D

Acq: 28 Jan 2022 13:42

Tgt Ion: 164 Resp: 68860

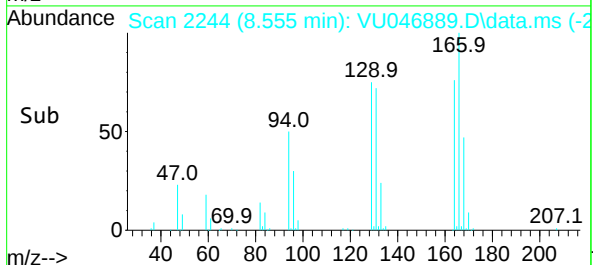
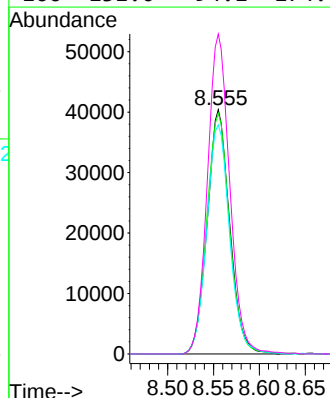
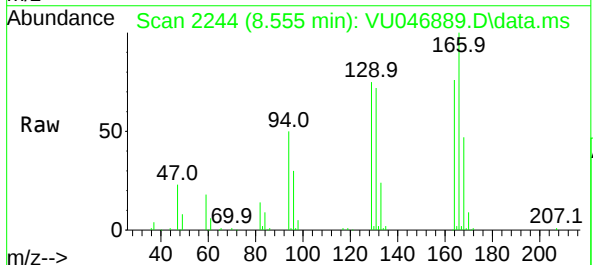
Ion Ratio Lower Upper

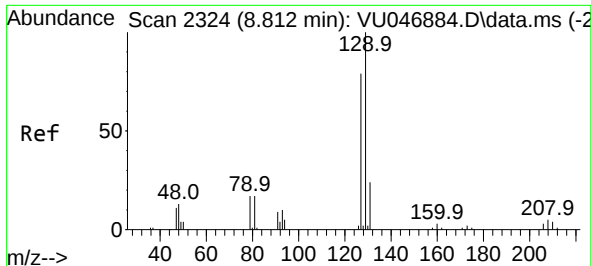
164 100

129 98.4 71.8 133.4

131 93.8 68.5 127.3

166 131.0 94.1 174.8





#49

Dibromochloromethane

Concen: 10.846 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU046889.D

Acq: 28 Jan 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :

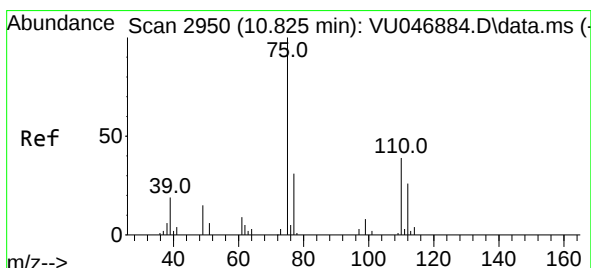
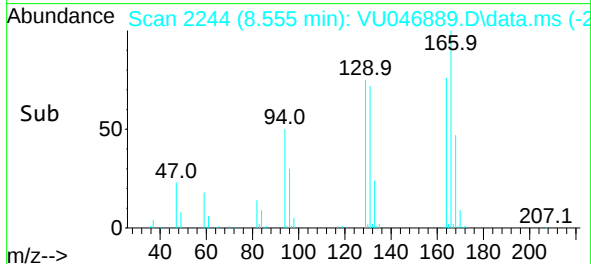
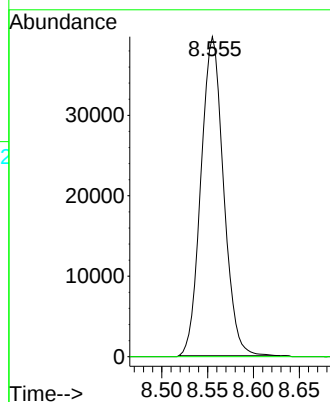
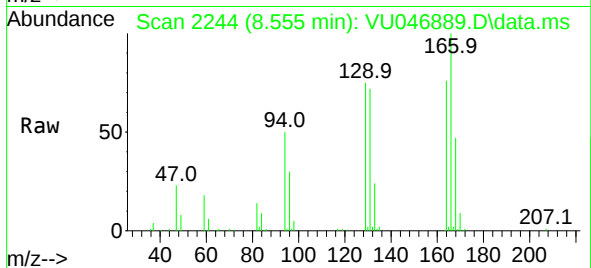
C0HK3DL

Tgt Ion:129 Resp: 68024

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.410 ug/L

RT: 11.815 min Scan# 3258

Delta R.T. 0.990 min

Lab File: VU046889.D

Acq: 28 Jan 2022 13:42

Tgt Ion: 75 Resp: 5685

Ion Ratio Lower Upper

75 100

110 0.7 29.9 44.9#

77 32.7 25.5 38.3

