

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020222\
 Data File : VU047004.D
 Acq On : 02 Feb 2022 16:15
 Operator : SY/MD
 Sample : N1349-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COHQ0

Quant Time: Feb 03 03:01:20 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)

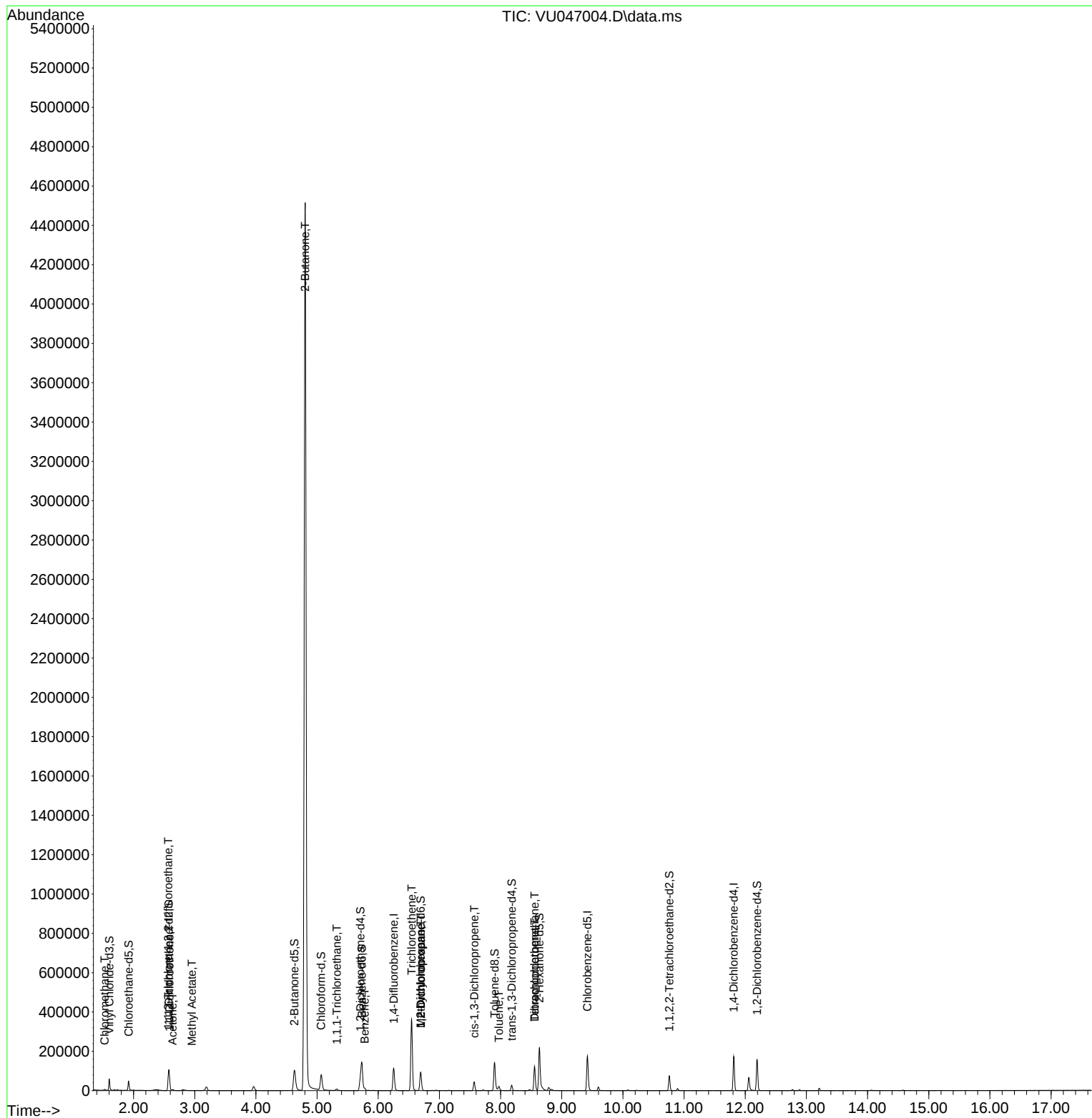
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	95828	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	108813	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	45909	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	43047	5.301	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.000%
7) Chloroethane-d5	1.919	69	35536	5.554	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.000%
11) 1,1-Dichloroethene-d2	2.575	65	15816	4.897	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.000%
20) 2-Butanone-d5	4.629	46	101158	42.051	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.100%
24) Chloroform-d	5.066	84	72618	5.094	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	5.706	65	38362	4.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.732	84	140760	4.401	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.693	67	45450	4.733	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.902	98	107176	3.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	8.182	79	15748	3.735	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.636	63	79674	31.909	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.820%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37163	3.855	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	41970	4.875	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						Qvalue
3) Chloromethane	1.526	50	3739	0.504	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	449	0.080	ug/L #	21
12) 1,1-Dichloroethene	2.587	96	14315	2.675	ug/L	77
13) Acetone	2.639	43	7427	5.677	ug/L	97
15) Methyl Acetate	2.954	43	729	0.255	ug/L #	51
21) 2-Butanone	4.806	43	5770150	2742.243	ug/L #	47
29) 1,1,1-Trichloroethane	5.321	97	5044	0.515	ug/L #	89
33) Benzene	5.780	78	11204	0.437	ug/L	100
34) Trichloroethene	6.546	95	126414	19.005	ug/L	99
35) Methylcyclohexane	6.693	83	11202	1.005	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	4902	0.780	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	960	0.098	ug/L	88
42) Toluene	7.973	91	17159	0.560	ug/L	98
47) Tetrachloroethene	8.555	164	28036	5.182	ug/L	96
49) Dibromochloromethane	8.555	129	28545	4.526	ug/L #	10

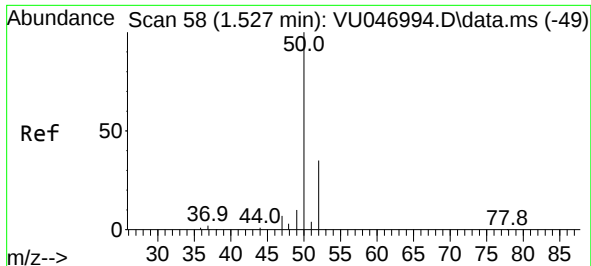
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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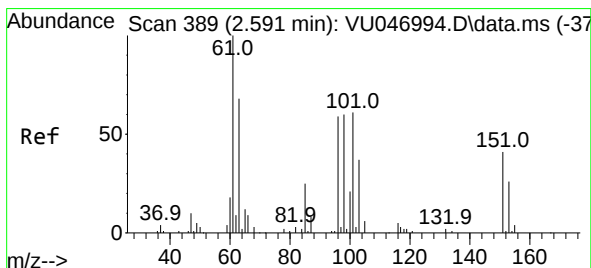
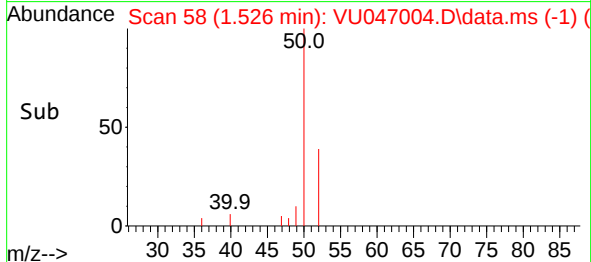
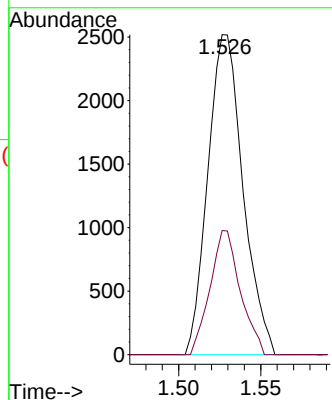
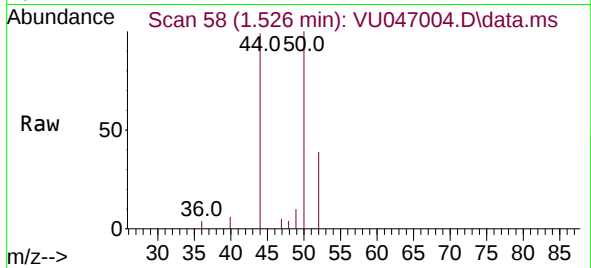




#3
Chloromethane
Concen: 0.504 ug/L
RT: 1.526 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU047004.D
Acq: 02 Feb 2022 16:15

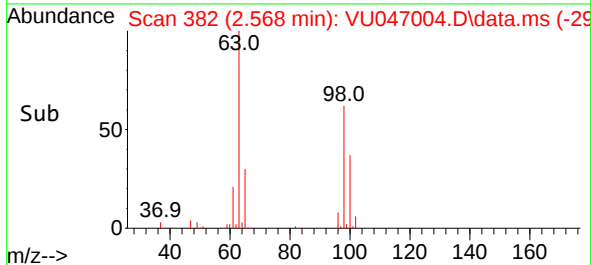
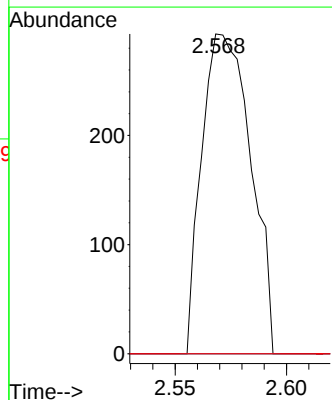
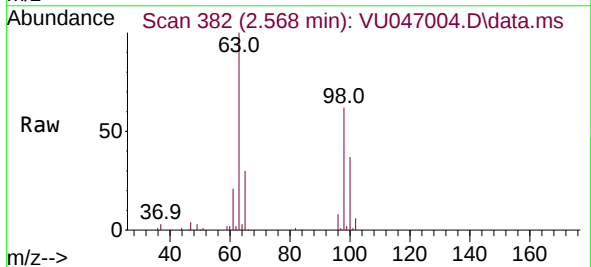
Instrument :
MSVOA_U
ClientSampleId :
COHQ0

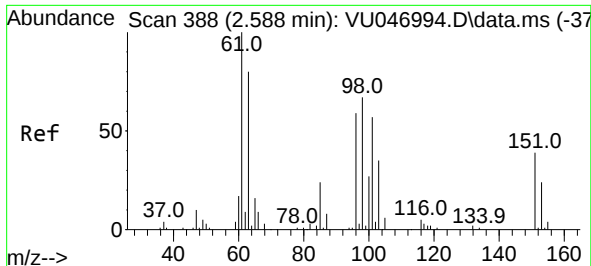
Tgt Ion: 50 Resp: 3739
Ion Ratio Lower Upper
50 100
52 38.8 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.080 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.023 min
Lab File: VU047004.D
Acq: 02 Feb 2022 16:15

Tgt Ion: 101 Resp: 449
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: 2.675 ug/L

RT: 2.587 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU047004.D

Acq: 02 Feb 2022 16:15

Instrument :

MSVOA_U

ClientSampleId :

C0HQ0

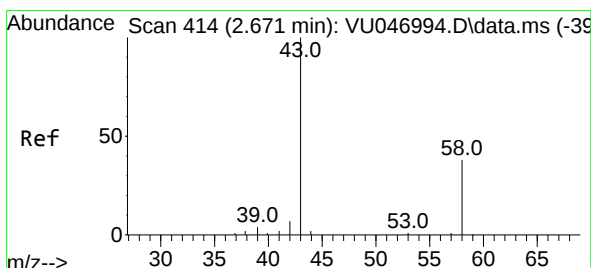
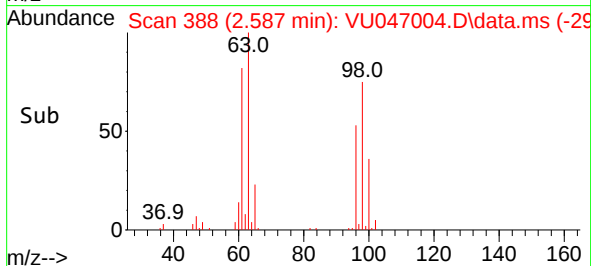
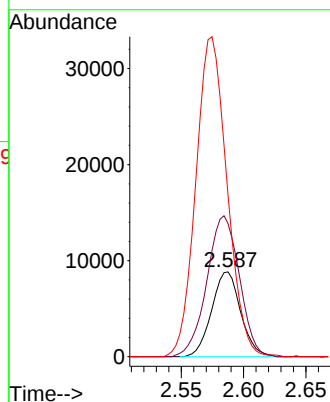
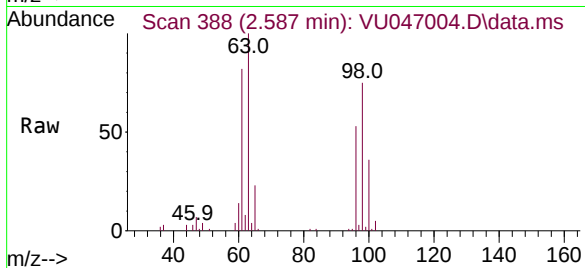
Tgt Ion: 96 Resp: 14315

Ion Ratio Lower Upper

96 100

61 157.0 124.7 231.5

63 190.4 105.2 195.4



#13

Acetone

Concen: 5.677 ug/L

RT: 2.639 min Scan# 404

Delta R.T. -0.032 min

Lab File: VU047004.D

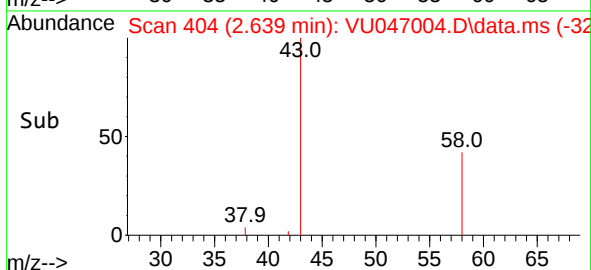
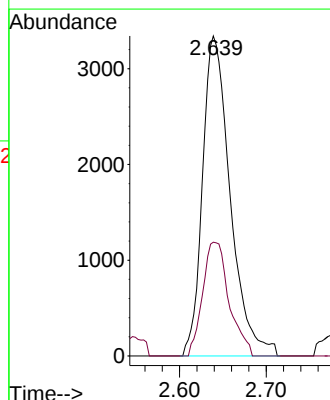
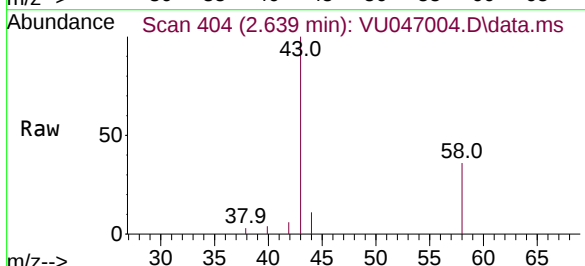
Acq: 02 Feb 2022 16:15

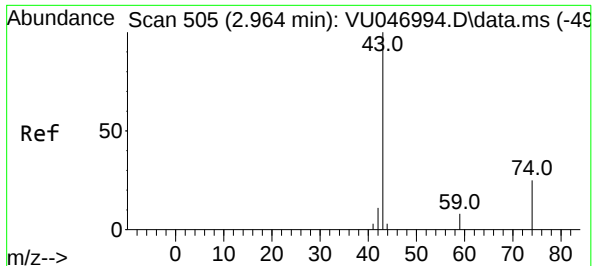
Tgt Ion: 43 Resp: 7427

Ion Ratio Lower Upper

43 100

58 33.9 0.0 71.6

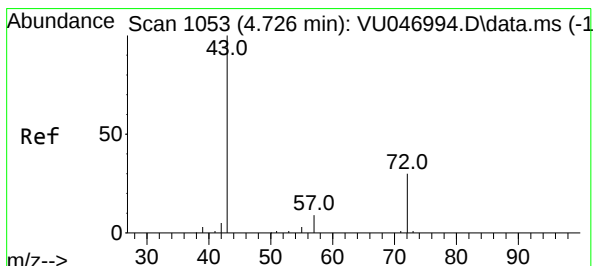
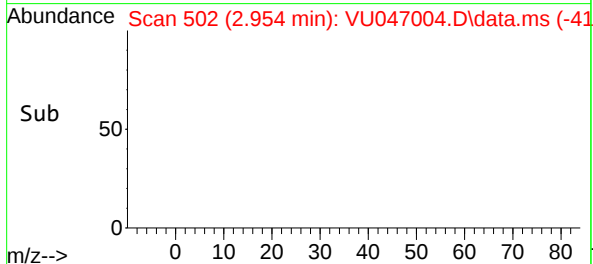
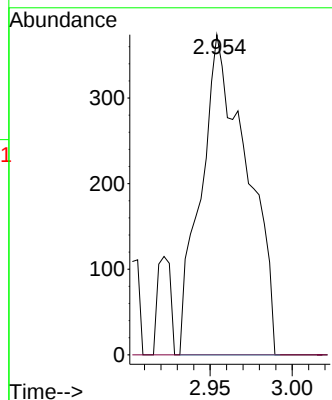
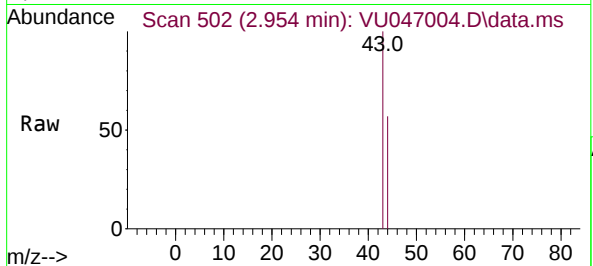




#15
Methyl Acetate
Concen: 0.255 ug/L
RT: 2.954 min Scan# 505
Delta R.T. -0.010 min
Lab File: VU047004.D
Acq: 02 Feb 2022 16:15

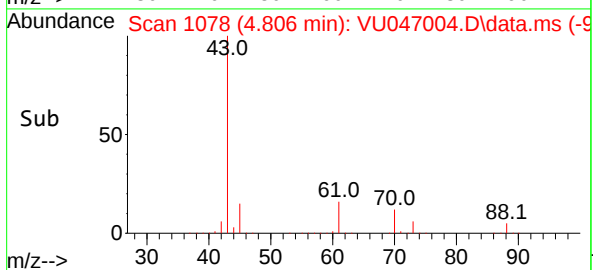
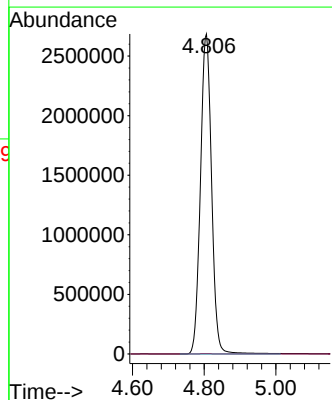
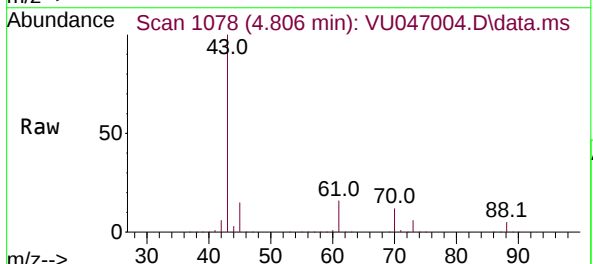
Instrument :
MSVOA_U
ClientSampleId :
C0HQ0

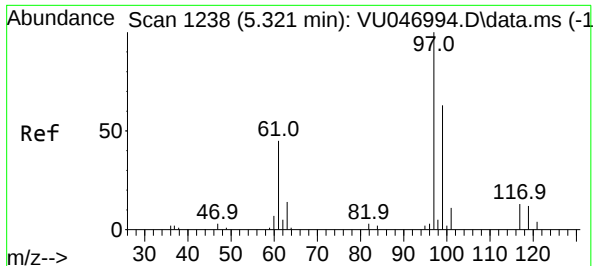
Tgt Ion: 43 Resp: 729
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#



#21
2-Butanone
Concen: 2742.243 ug/L
RT: 4.806 min Scan# 1078
Delta R.T. 0.080 min
Lab File: VU047004.D
Acq: 02 Feb 2022 16:15

Tgt Ion: 43 Resp: 5770150
Ion Ratio Lower Upper
43 100
72 0.0 14.1 42.3#





#29

1,1,1-Trichloroethane

Concen: 0.515 ug/L

RT: 5.321 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU047004.D

Acq: 02 Feb 2022 16:15

Instrument :

MSVOA_U

ClientSampleId :

C0HQ0

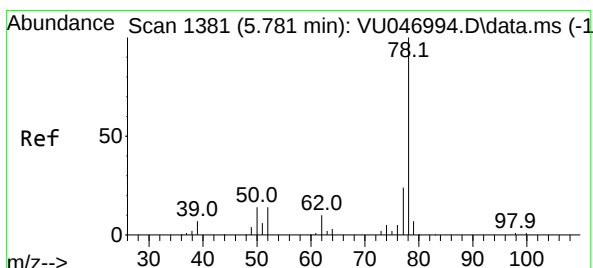
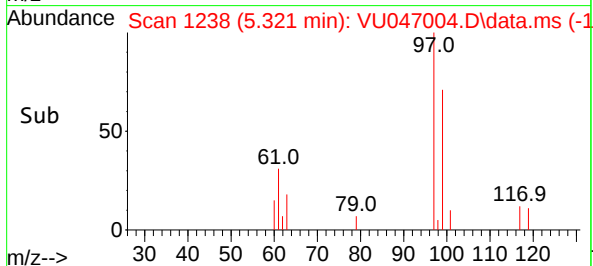
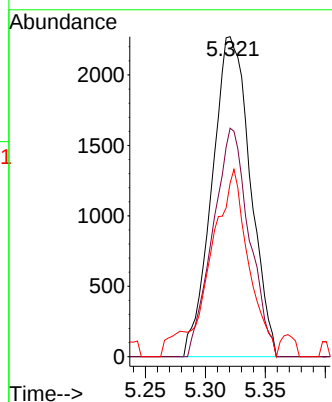
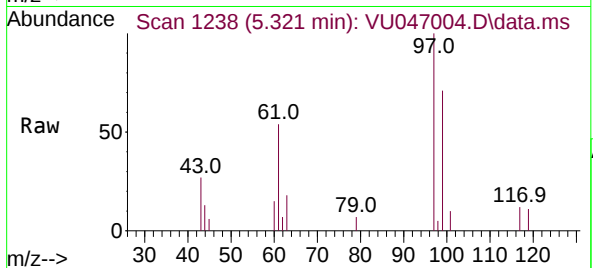
Tgt Ion: 97 Resp: 5044

Ion Ratio Lower Upper

97 100

99 67.8 51.3 76.9

61 58.9 36.1 54.1#



#33

Benzene

Concen: 0.437 ug/L

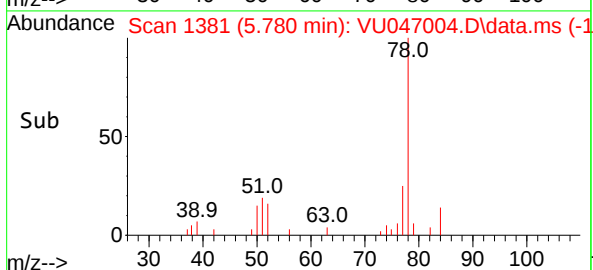
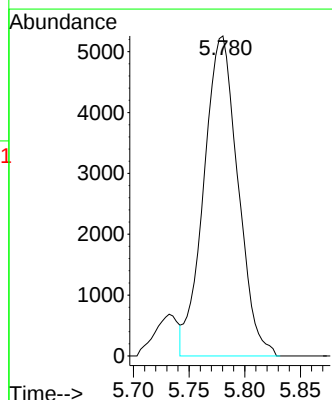
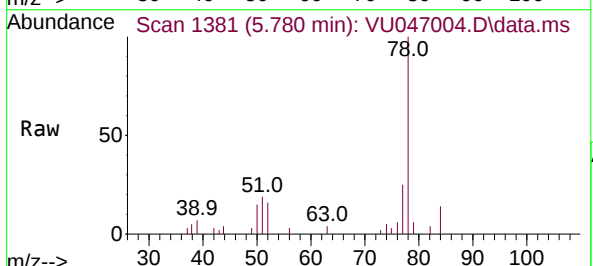
RT: 5.780 min Scan# 1381

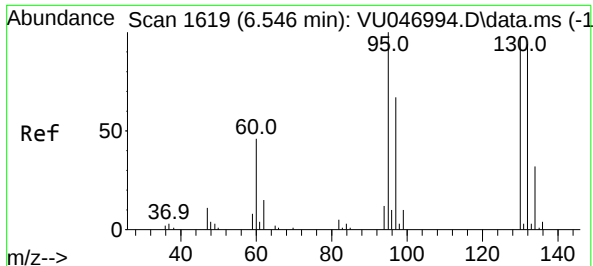
Delta R.T. -0.000 min

Lab File: VU047004.D

Acq: 02 Feb 2022 16:15

Tgt Ion: 78 Resp: 11204

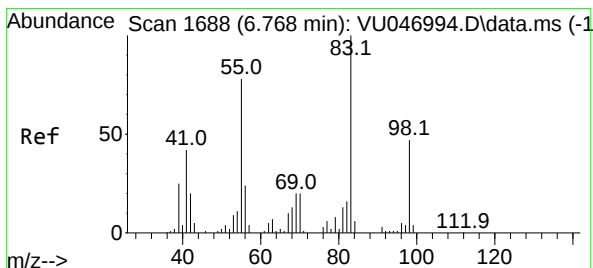
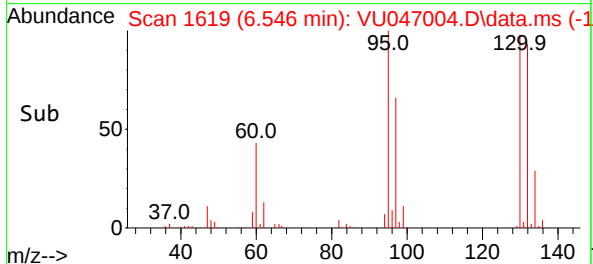
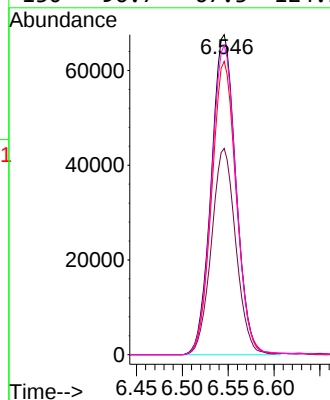
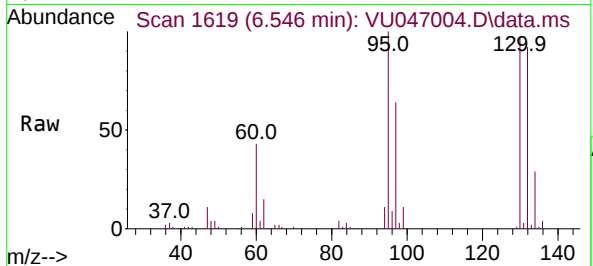




#34
Trichloroethene
Concen: 19.005 ug/L
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU047004.D
Acq: 02 Feb 2022 16:15

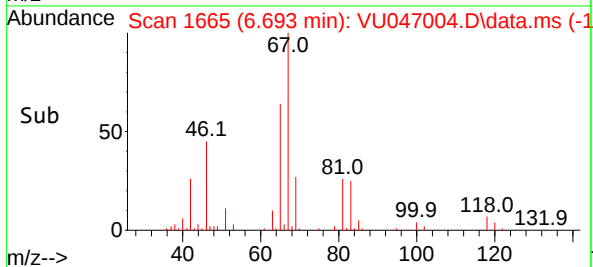
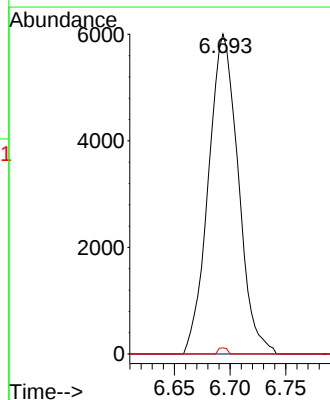
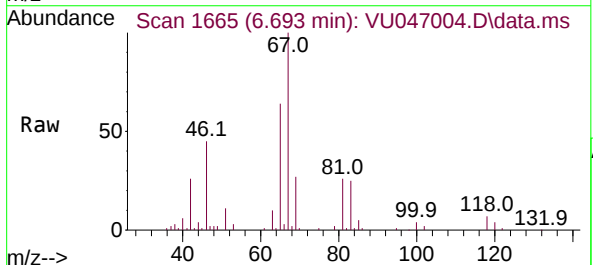
Instrument :
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COHQ0

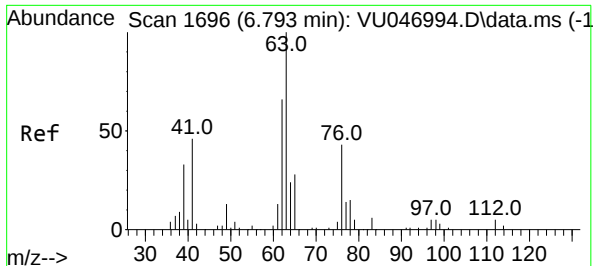
Tgt Ion: 95 Resp: 126414
Ion Ratio Lower Upper
95 100
97 64.5 46.5 86.5
132 91.7 65.1 120.9
130 96.7 67.3 124.9



#35
Methylcyclohexane
Concen: 1.005 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047004.D
Acq: 02 Feb 2022 16:15

Tgt Ion: 83 Resp: 11202
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: 0.780 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU047004.D

Acq: 02 Feb 2022 16:15

Instrument :

MSVOA_U

ClientSampleId :

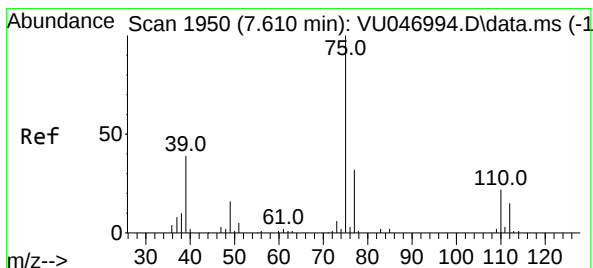
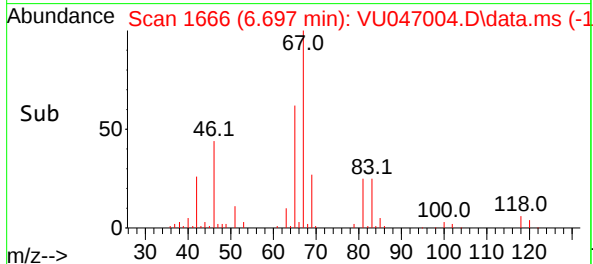
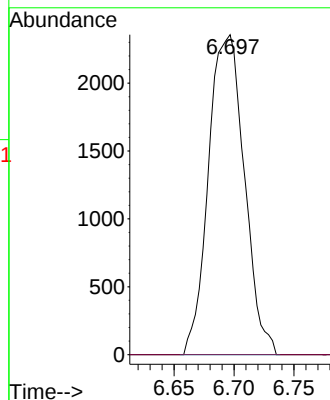
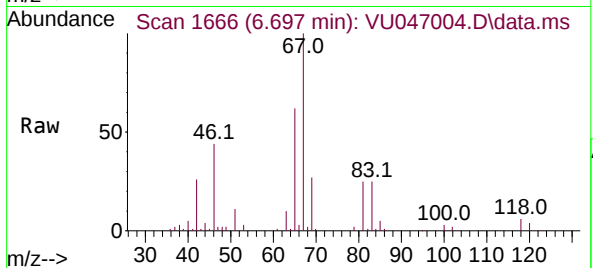
C0HQ0

Tgt Ion: 63 Resp: 4902

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.039 min

Lab File: VU047004.D

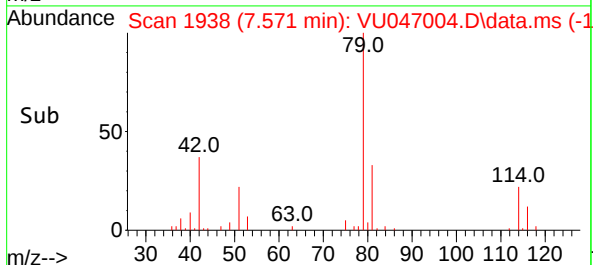
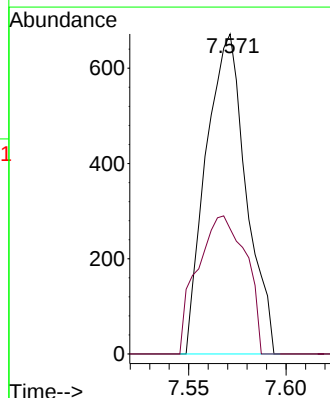
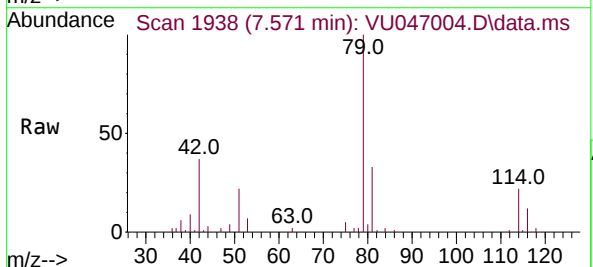
Acq: 02 Feb 2022 16:15

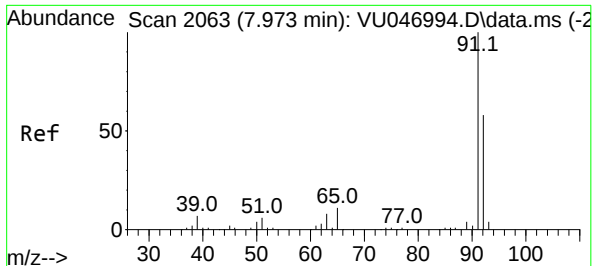
Tgt Ion: 75 Resp: 960

Ion Ratio Lower Upper

75 100

77 39.1 22.5 41.9

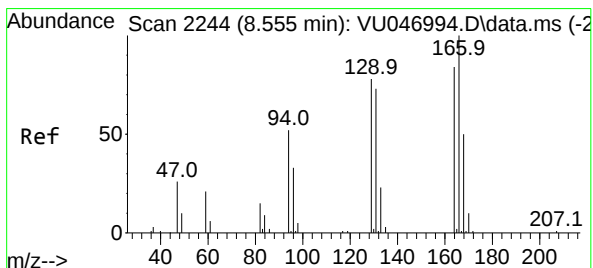
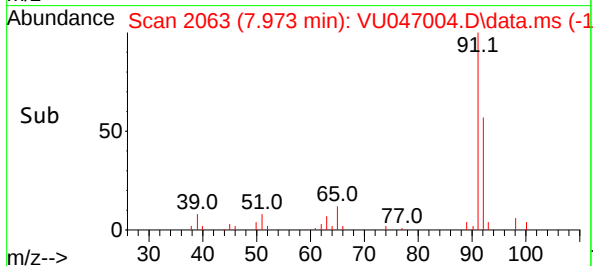
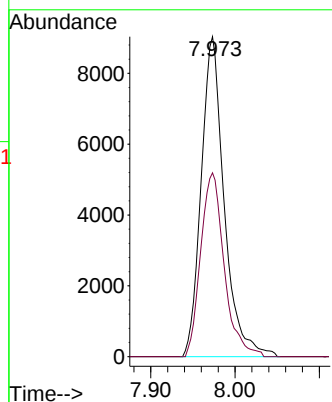
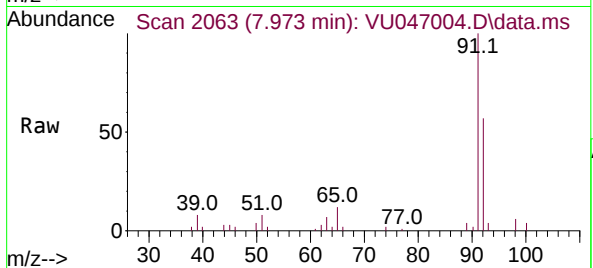




#42
Toluene
Concen: 0.560 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU047004.D
Acq: 02 Feb 2022 16:15

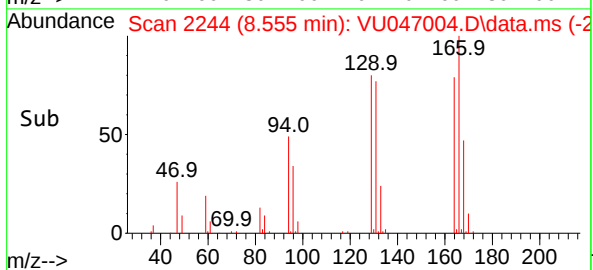
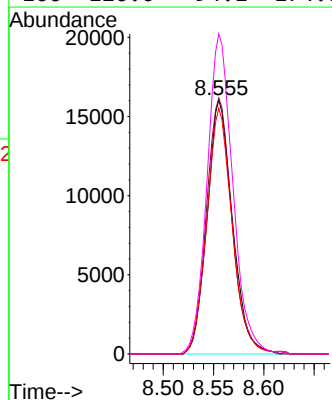
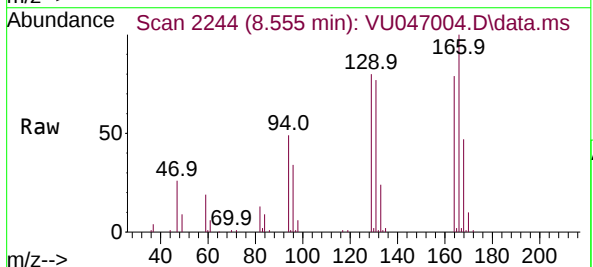
Instrument :
MSVOA_U
ClientSampleId :
C0HQ0

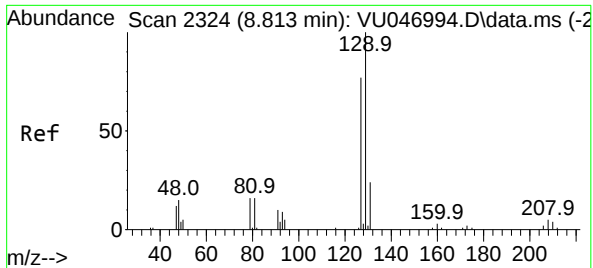
Tgt Ion: 91 Resp: 17159
Ion Ratio Lower Upper
91 100
92 57.4 41.3 76.7



#47
Tetrachloroethene
Concen: 5.182 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047004.D
Acq: 02 Feb 2022 16:15

Tgt Ion: 164 Resp: 28036
Ion Ratio Lower Upper
164 100
129 100.8 71.8 133.4
131 96.7 68.5 127.3
166 126.0 94.1 174.8





#49
 Dibromochloromethane
 Concen: 4.526 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. -0.257 min
 Lab File: VU047004.D
 Acq: 02 Feb 2022 16:15

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HQ0

Tgt Ion:129 Resp: 28545
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.4 102.8#

