

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020222\
 Data File : VU047008.D
 Acq On : 02 Feb 2022 17:52
 Operator : SY/MD
 Sample : N1349-14 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HQ3

Quant Time: Feb 03 03:02:10 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)

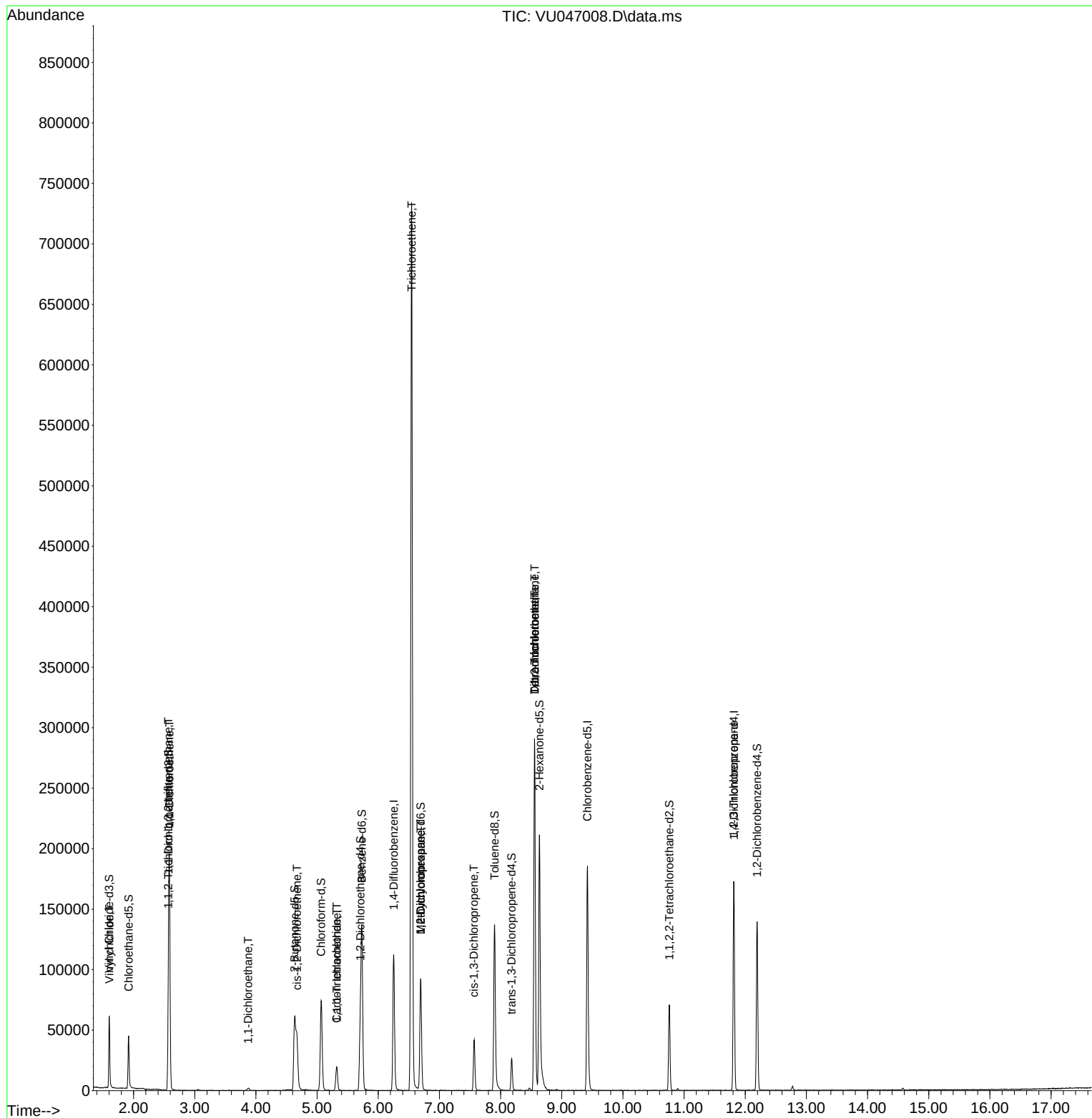
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	90771	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	111419	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	46518	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	41817	5.437	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	108.800%	
7) Chloroethane-d5	1.919	69	33414	5.514	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	110.200%	
11) 1,1-Dichloroethene-d2	2.572	65	15374	5.025	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	100.400%	
20) 2-Butanone-d5	4.633	46	96833	42.496	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	85.000%	
24) Chloroform-d	5.067	84	70452	5.218	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.400%	
26) 1,2-Dichloroethane-d4	5.706	65	36694	4.990	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.800%	
32) Benzene-d6	5.732	84	132261	4.039	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.800%	
36) 1,2-Dichloropropane-d6	6.694	67	44892	4.566	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.400%	
41) Toluene-d8	7.902	98	101762	3.395	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.000%#	
43) trans-1,3-Dichloroprop...	8.179	79	15655	3.626	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	72.600%	
46) 2-Hexanone-d5	8.636	63	74330	29.073	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	58.140%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36919	3.740	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	74.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	37457	4.294	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	85.800%	
Target Compounds						
5) Vinyl chloride	1.607	62	3372	0.461	ug/L #	71
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	522	0.098	ug/L #	21
12) 1,1-Dichloroethene	2.588	96	52986	10.454	ug/L #	70
19) 1,1-Dichloroethane	3.874	63	2754	0.299	ug/L	89
22) cis-1,2-Dichloroethene	4.671	96	18620	3.215	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	14427	1.438	ug/L	99
31) Carbon tetrachloride	5.317	117	1901	0.221	ug/L	99
34) Trichloroethene	6.546	95	257437	37.798	ug/L	99
35) Methylcyclohexane	6.694	83	10443	0.915	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	4474	0.695	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	1003	0.100	ug/L #	58
45) 1,1,2-Trichloroethane	8.555	97	581	0.106	ug/L #	1
47) Tetrachloroethene	8.555	164	67599	12.203	ug/L	96
49) Dibromochloromethane	8.555	129	66424	10.285	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5761	1.462	ug/L #	67

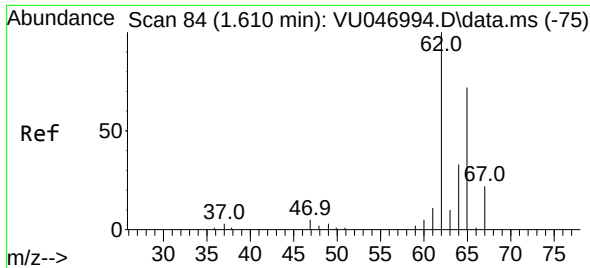
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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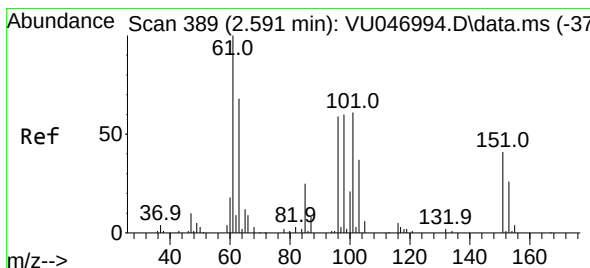
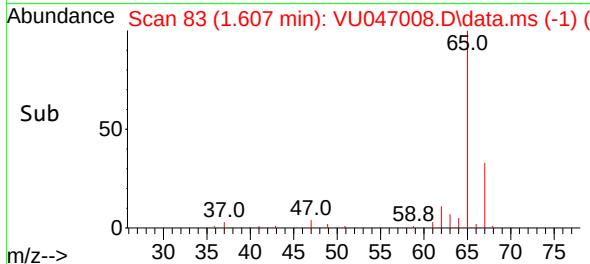
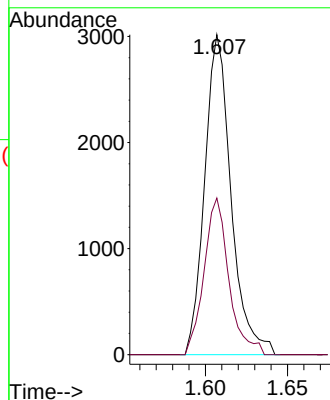
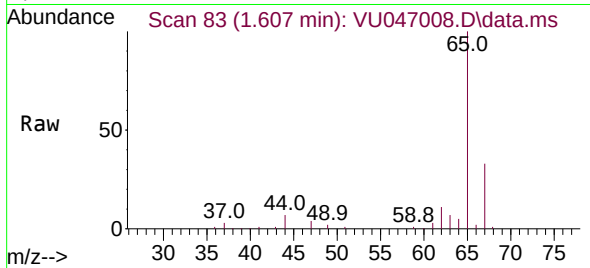




#5
 Vinyl chloride
 Concen: 0.461 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU047008.D
 Acq: 02 Feb 2022 17:52

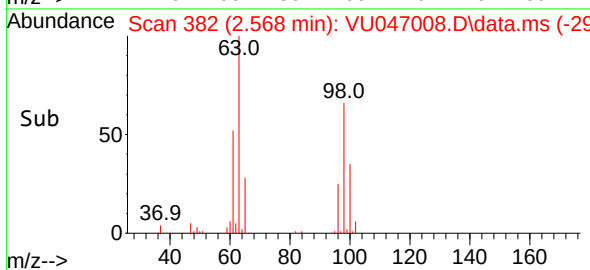
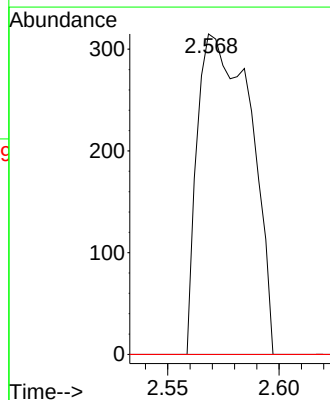
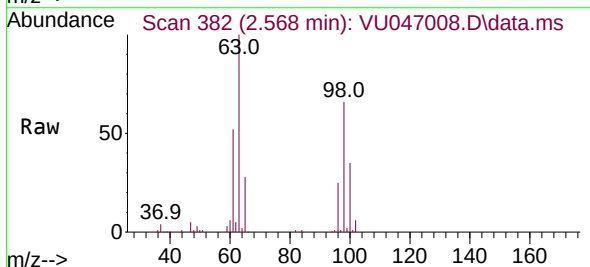
Instrument :
 MSVOA_U
 ClientSampleId :
 C0HQ3

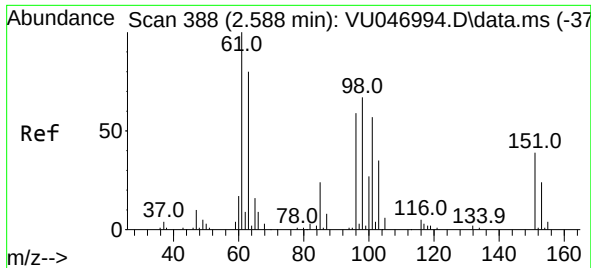
Tgt Ion: 62 Resp: 3372
 Ion Ratio Lower Upper
 62 100
 64 48.9 22.9 42.5#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.098 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.023 min
 Lab File: VU047008.D
 Acq: 02 Feb 2022 17:52

Tgt Ion: 101 Resp: 522
 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: 10.454 ug/L

RT: 2.588 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU047008.D

Acq: 02 Feb 2022 17:52

Instrument :

MSVOA_U

ClientSampleId :

C0HQ3

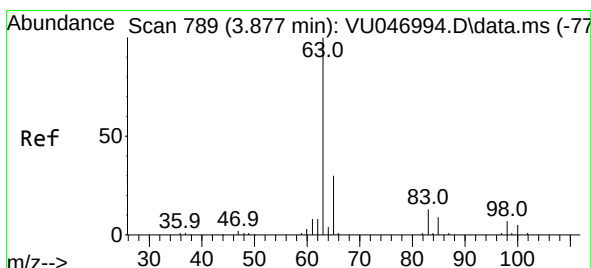
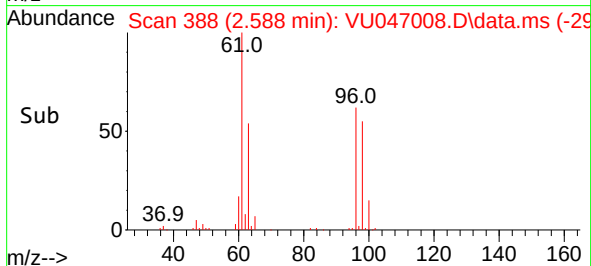
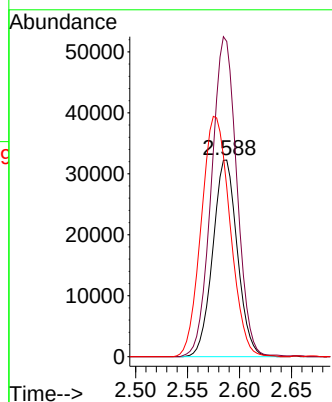
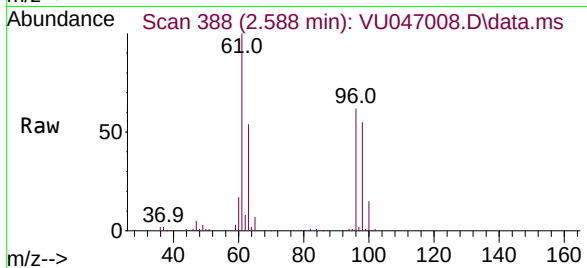
Tgt Ion: 96 Resp: 52986

Ion Ratio Lower Upper

96 100

61 160.2 124.7 231.5

63 86.0 105.2 195.4#



#19

1,1-Dichloroethane

Concen: 0.299 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU047008.D

Acq: 02 Feb 2022 17:52

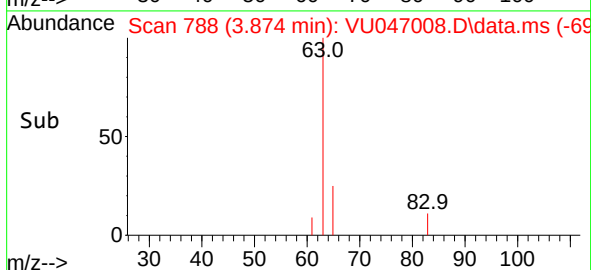
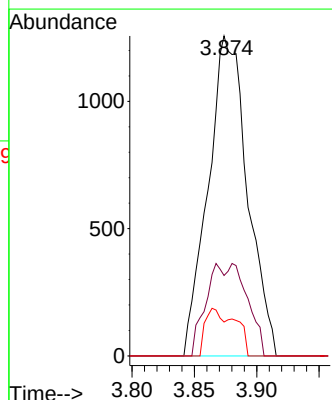
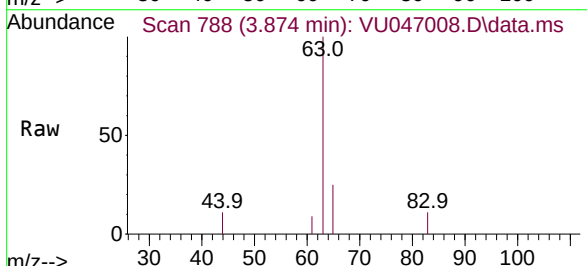
Tgt Ion: 63 Resp: 2754

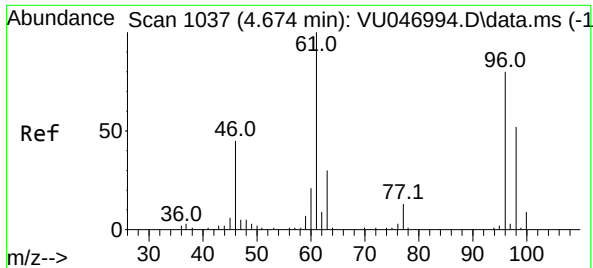
Ion Ratio Lower Upper

63 100

65 25.1 22.3 41.5

83 10.6 9.6 17.8





#22

cis-1,2-Dichloroethene

Concen: 3.215 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU047008.D

Acq: 02 Feb 2022 17:52

Instrument :

MSVOA_U

ClientSampleId :

C0HQ3

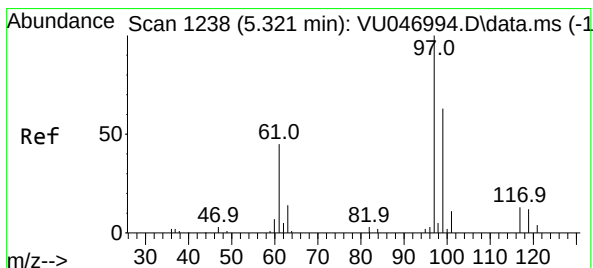
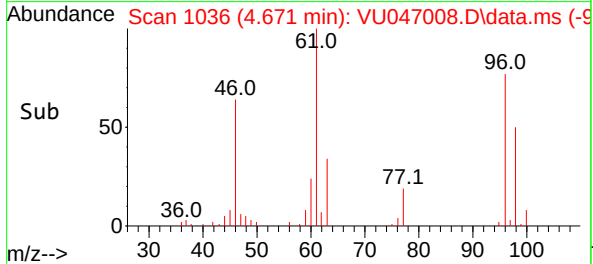
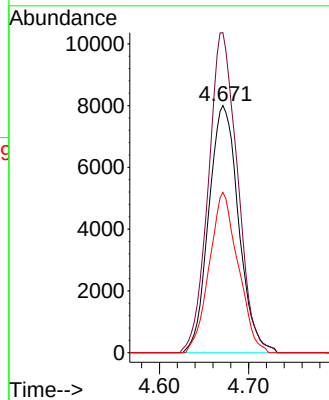
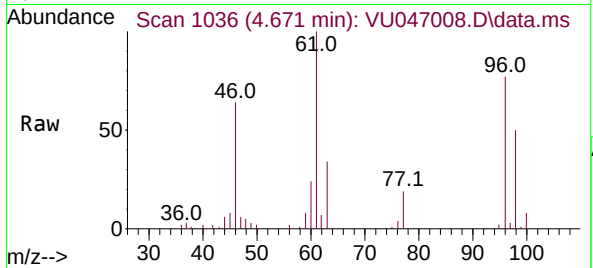
Tgt Ion: 96 Resp: 18620

Ion Ratio Lower Upper

96 100

61 129.4 88.5 164.3

98 64.8 44.4 82.5



#29

1,1,1-Trichloroethane

Concen: 1.438 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047008.D

Acq: 02 Feb 2022 17:52

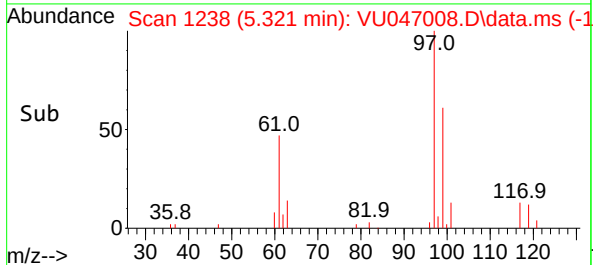
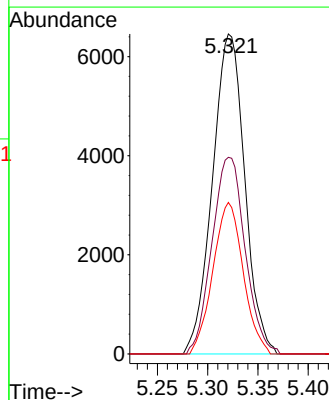
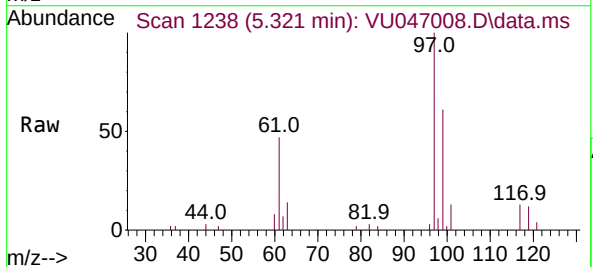
Tgt Ion: 97 Resp: 14427

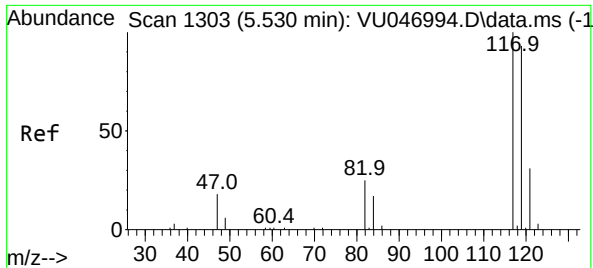
Ion Ratio Lower Upper

97 100

99 63.1 51.3 76.9

61 44.4 36.1 54.1

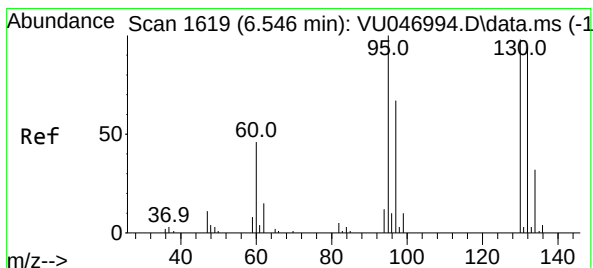
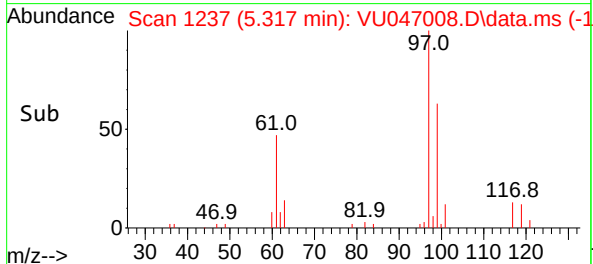
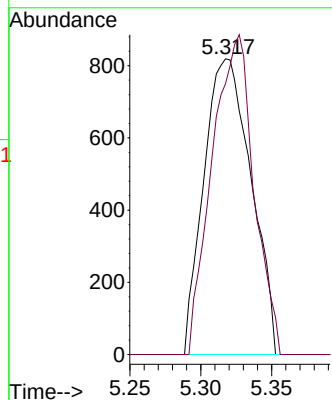
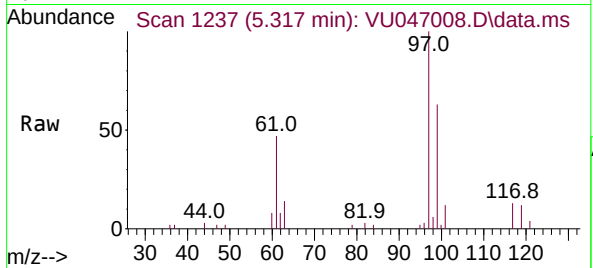




#31
Carbon tetrachloride
Concen: 0.221 ug/L
RT: 5.317 min Scan# 11
Delta R.T. -0.212 min
Lab File: VU047008.D
Acq: 02 Feb 2022 17:52

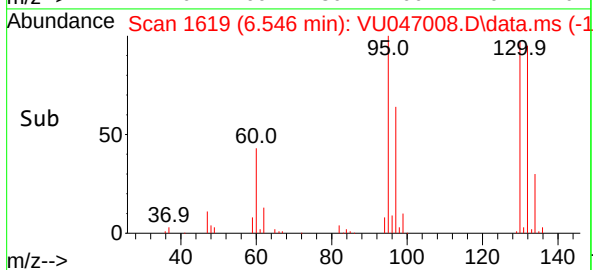
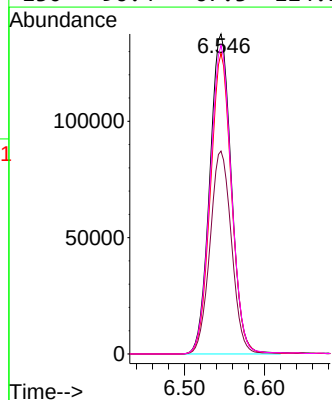
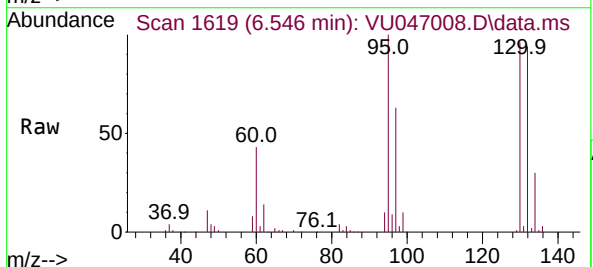
Instrument :
MSVOA_U
ClientSampleId :
C0HQ3

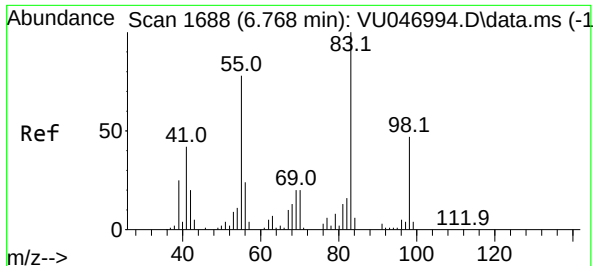
Tgt Ion:117 Resp: 1901
Ion Ratio Lower Upper
117 100
119 95.6 77.5 116.3



#34
Trichloroethene
Concen: 37.798 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047008.D
Acq: 02 Feb 2022 17:52

Tgt Ion: 95 Resp: 257437
Ion Ratio Lower Upper
95 100
97 63.4 46.5 86.5
132 93.9 65.1 120.9
130 96.4 67.3 124.9





#35

Methylcyclohexane

Concen: 0.915 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU047008.D

Acq: 02 Feb 2022 17:52

Instrument :

MSVOA_U

ClientSampleId :

C0HQ3

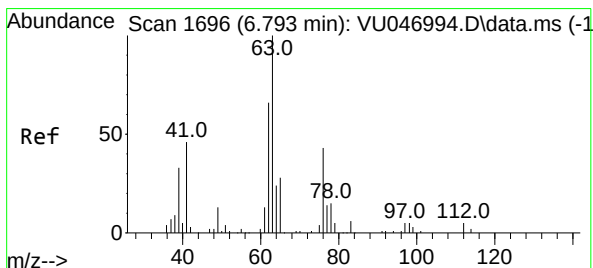
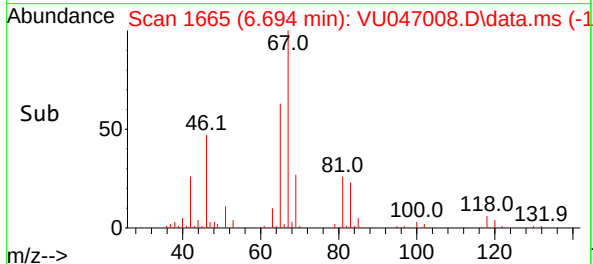
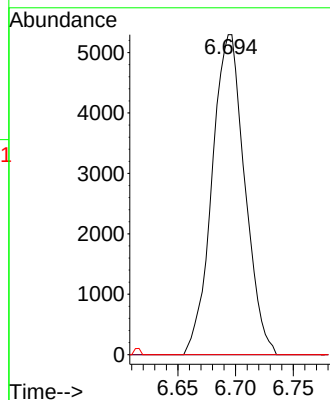
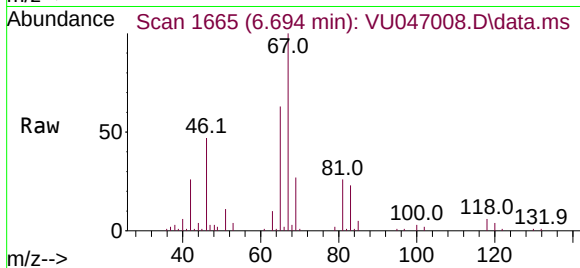
Tgt Ion: 83 Resp: 10443

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: 0.695 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU047008.D

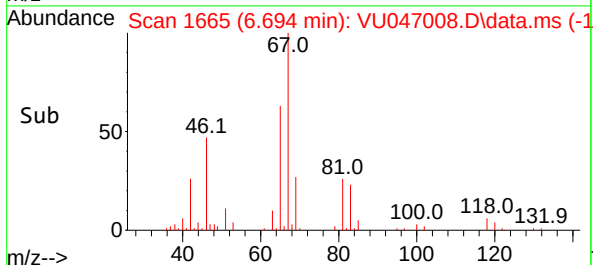
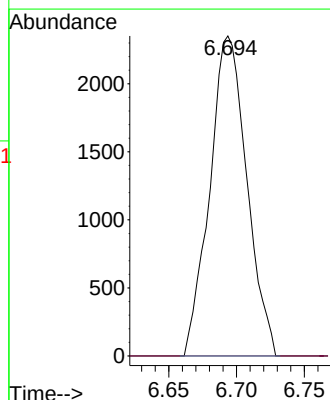
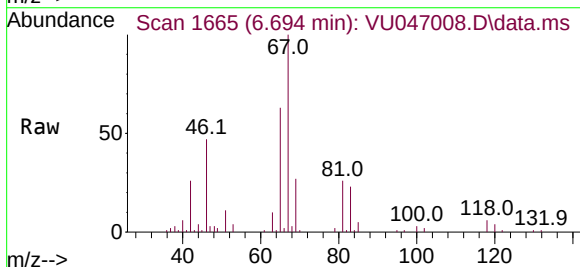
Acq: 02 Feb 2022 17:52

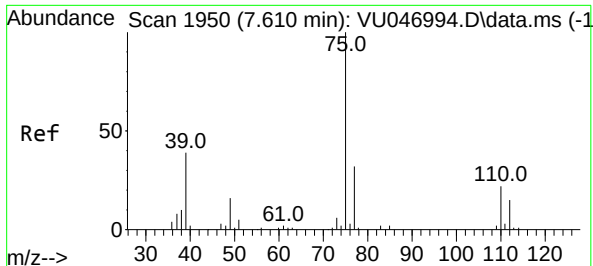
Tgt Ion: 63 Resp: 4474

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU047008.D

Acq: 02 Feb 2022 17:52

Instrument :

MSVOA_U

ClientSampleId :

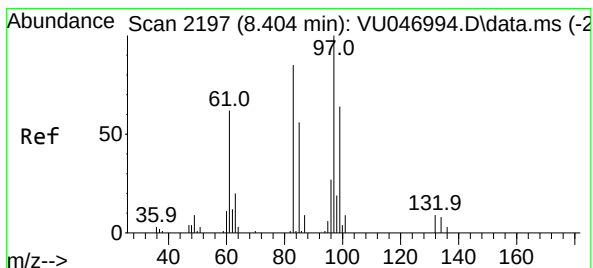
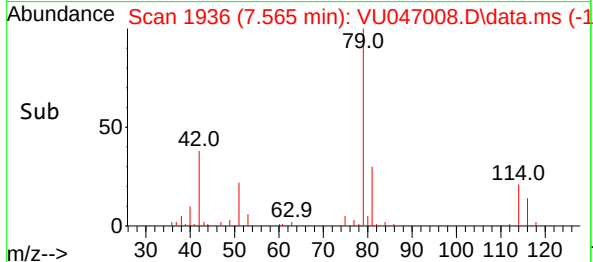
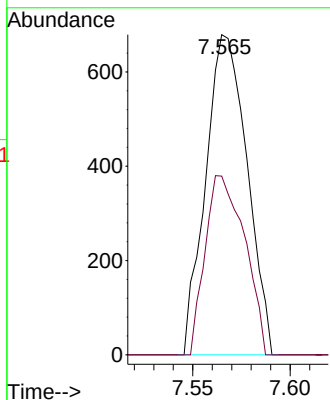
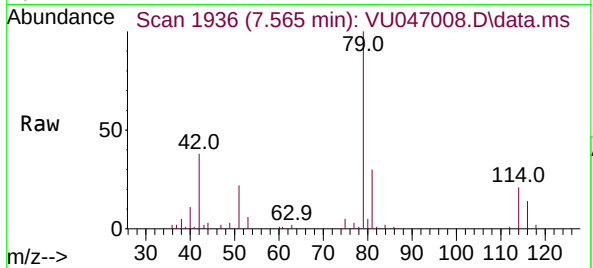
C0HQ3

Tgt Ion: 75 Resp: 1003

Ion Ratio Lower Upper

75 100

77 55.8 22.5 41.9#



#45

1,1,2-Trichloroethane

Concen: 0.106 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.151 min

Lab File: VU047008.D

Acq: 02 Feb 2022 17:52

Tgt Ion: 97 Resp: 581

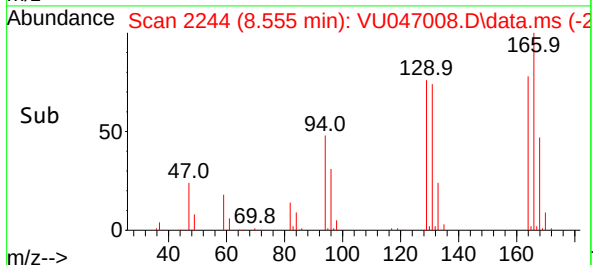
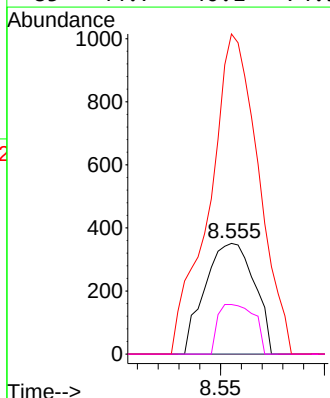
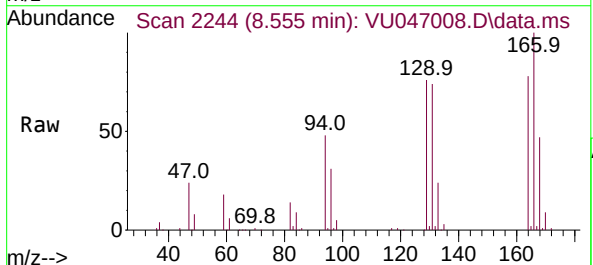
Ion Ratio Lower Upper

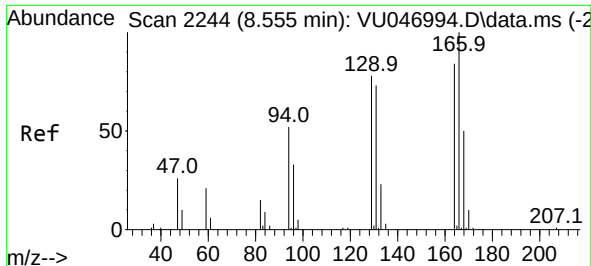
97 100

99 0.0 42.3 78.5#

83 289.2 62.0 115.2#

85 44.7 40.1 74.5

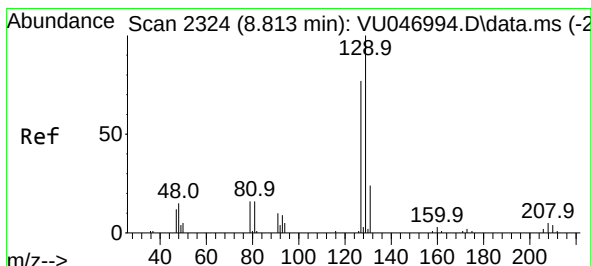
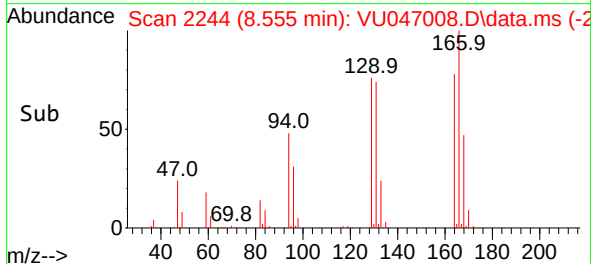
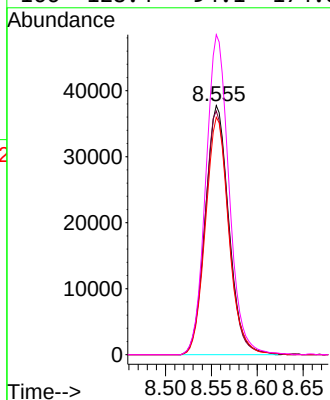
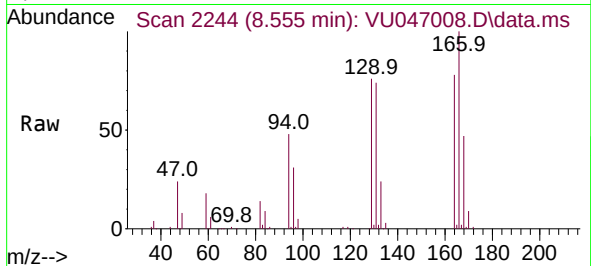




#47
Tetrachloroethene
Concen: 12.203 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047008.D
Acq: 02 Feb 2022 17:52

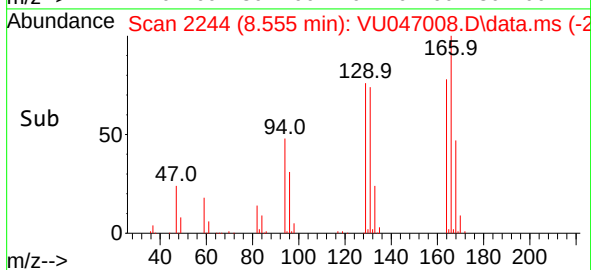
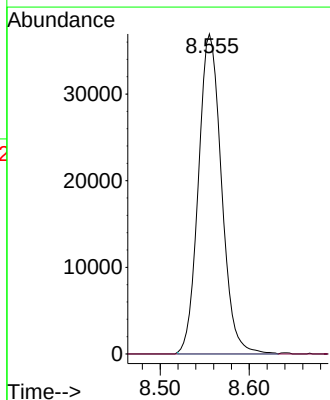
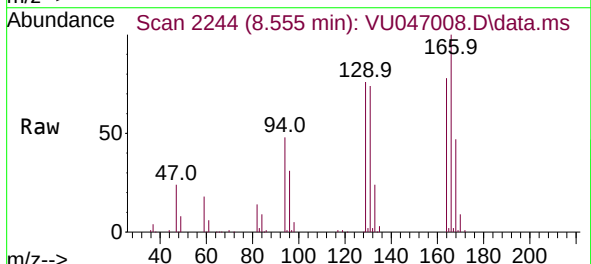
Instrument :
MSVOA_U
ClientSampleId :
C0HQ3

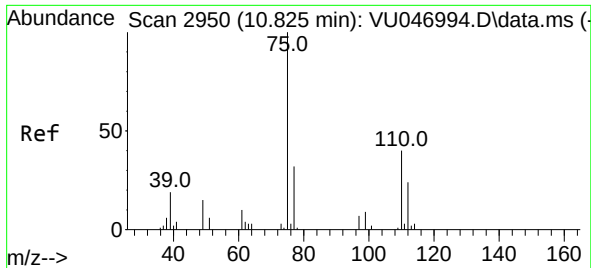
Tgt Ion:164	Resp:	67599
Ion Ratio	Lower	Upper
164	100	
129	97.8	71.8 133.4
131	95.3	68.5 127.3
166	128.4	94.1 174.8



#49
Dibromochloromethane
Concen: 10.285 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU047008.D
Acq: 02 Feb 2022 17:52

Tgt Ion:129	Resp:	66424
Ion Ratio	Lower	Upper
129	100	
127	0.0	55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.462 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047008.D
 Acq: 02 Feb 2022 17:52

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HQ3

Tgt Ion: 75 Resp: 5761
 Ion Ratio Lower Upper
 75 100
 110 0.7 29.9 44.9#
 77 32.4 25.5 38.3

