

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046930.D
 Acq On : 31 Jan 2022 20:19
 Operator : SY/MD
 Sample : N1273-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COHLO

Quant Time: Feb 01 00:29:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 01 00:23:47 2022
 Response via : Initial Calibration

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

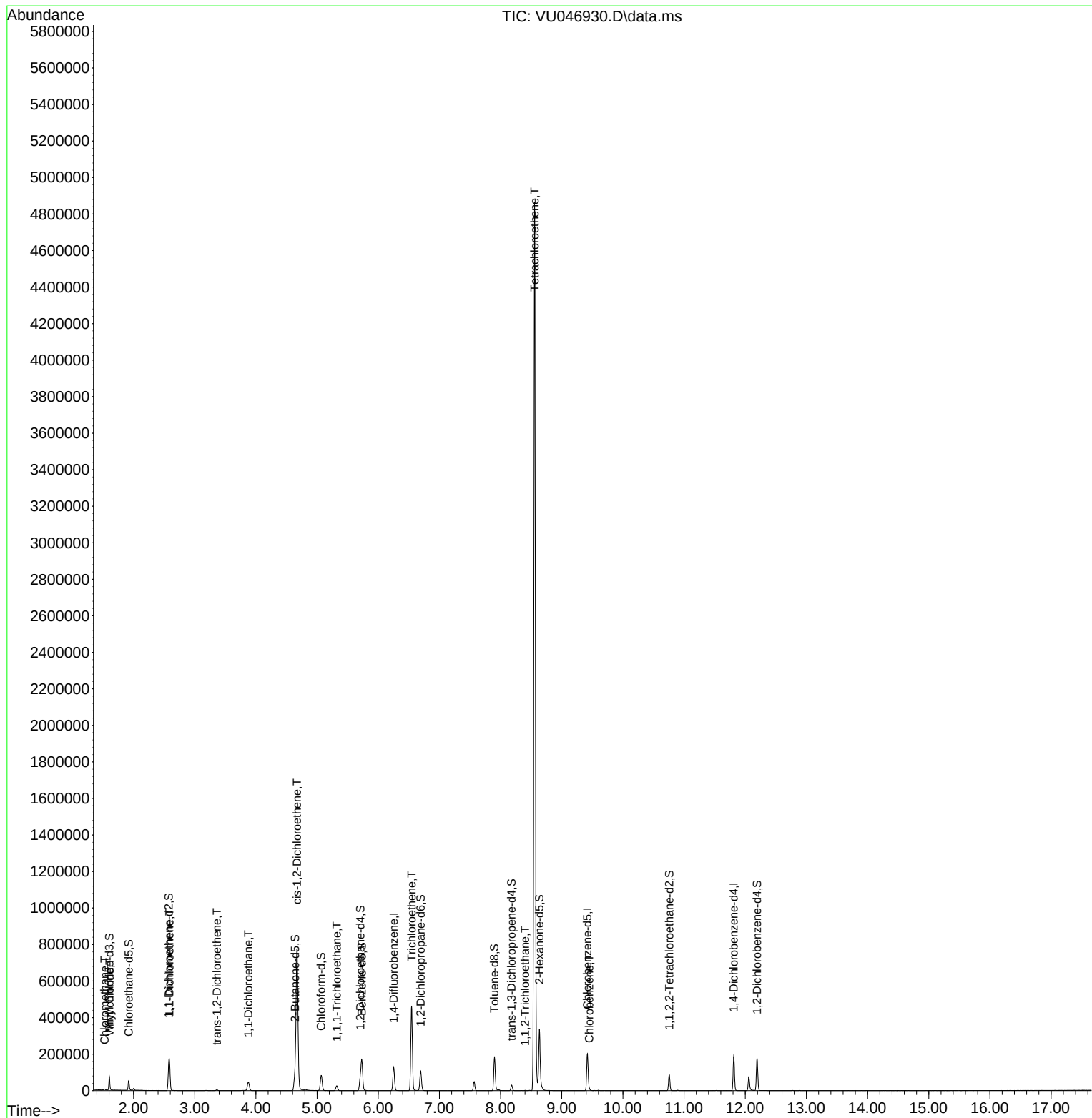
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	103916	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	118187	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48861	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	53170	6.038	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.800%
7) Chloroethane-d5	1.919	69	41509	5.983	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.600%
11) 1,1-Dichloroethene-d2	2.575	65	19774	5.645	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.000%
20) 2-Butanone-d5	4.639	46	132419	50.762	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.520%
24) Chloroform-d	5.067	84	80288	5.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.707	65	44850	5.328	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.732	84	162464	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.694	67	52327	5.017	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.899	98	130053	4.091	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	8.179	79	18725	4.088	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.636	63	120793	44.541	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.080%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	44928	4.291	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	47202	5.151	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
3) Chloromethane	1.527	50	2996	0.372	ug/L	98
5) Vinyl chloride	1.610	62	1579	0.188	ug/L #	51
12) 1,1-Dichloroethene	2.588	96	39748	6.850	ug/L	89
18) trans-1,2-Dichloroethene	3.363	96	2312	0.368	ug/L	93
19) 1,1-Dichloroethane	3.877	63	54758	5.190	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	399442	60.251	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	19519	1.834	ug/L	98
34) Trichloroethene	6.546	95	162628	22.510	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	738	0.127	ug/L	93
47) Tetrachloroethene	8.555	164	1065832	181.393	ug/L	98
51) Chlorobenzene	9.449	112	3669	0.190	ug/L	96

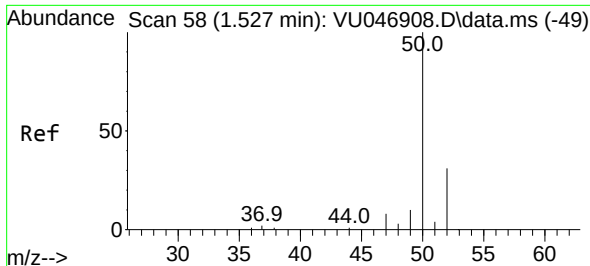
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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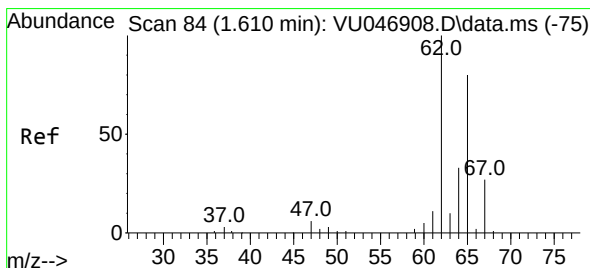
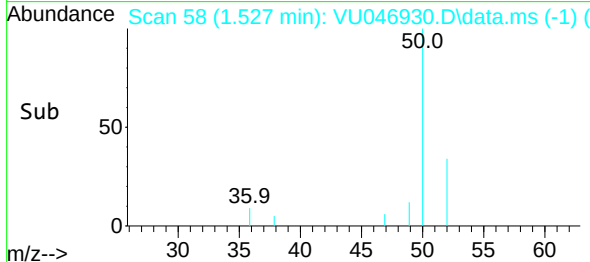
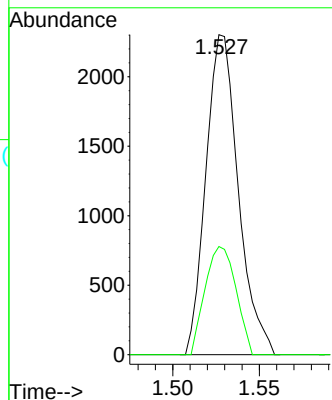
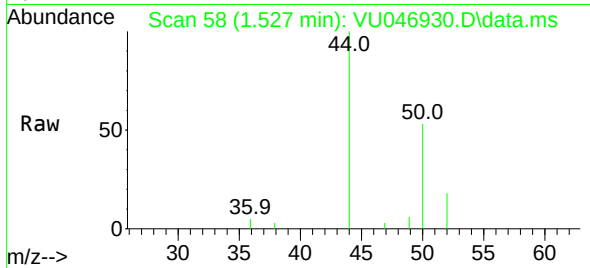




#3
Chloromethane
Concen: 0.372 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.000 min
Lab File: VU046930.D
Acq: 31 Jan 2022 20:19

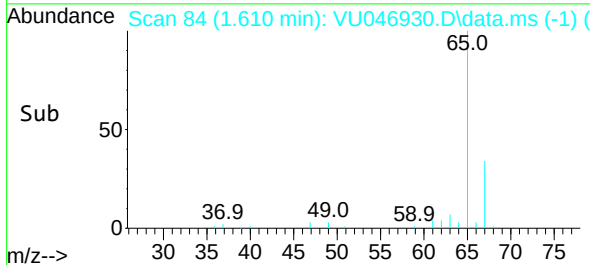
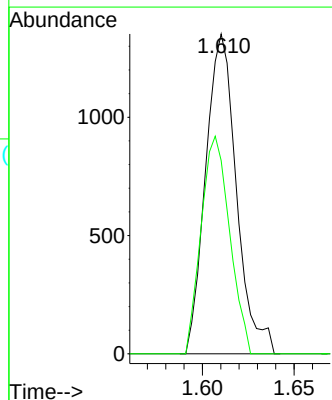
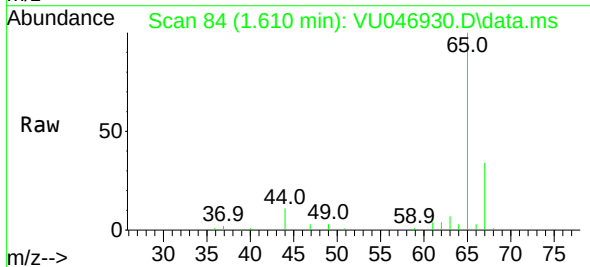
Instrument :
MSVOA_U
ClientSampleId :
COHLO

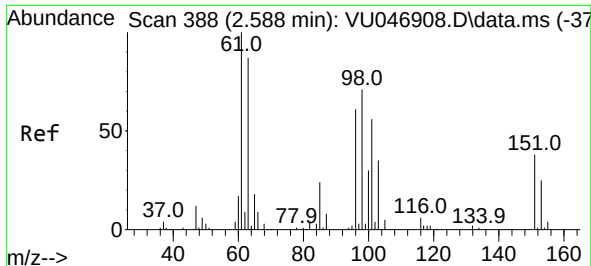
Tgt Ion: 50 Resp: 2996
Ion Ratio Lower Upper
50 100
52 33.8 23.0 42.8



#5
Vinyl chloride
Concen: 0.188 ug/L
RT: 1.610 min Scan# 84
Delta R.T. 0.000 min
Lab File: VU046930.D
Acq: 31 Jan 2022 20:19

Tgt Ion: 62 Resp: 1579
Ion Ratio Lower Upper
62 100
64 60.4 22.9 42.5





#12

1,1-Dichloroethene

Concen: 6.850 ug/L

RT: 2.588 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU046930.D

Acq: 31 Jan 2022 20:19

Instrument :

MSVOA_U

ClientSampleId :

COHLO

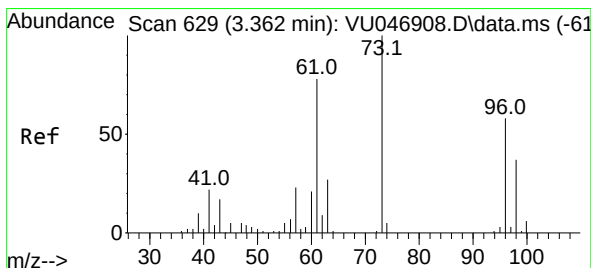
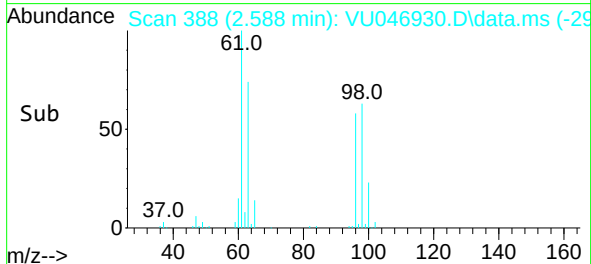
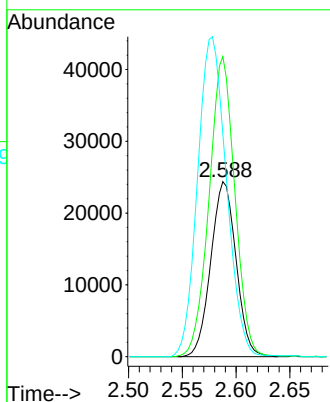
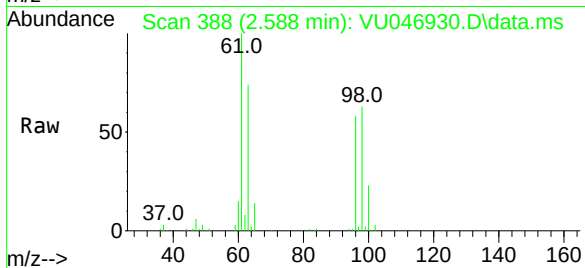
Tgt Ion: 96 Resp: 39748

Ion Ratio Lower Upper

96 100

61 171.4 124.7 231.5

63 127.2 105.2 195.4



#18

trans-1,2-Dichloroethene

Concen: 0.368 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.000 min

Lab File: VU046930.D

Acq: 31 Jan 2022 20:19

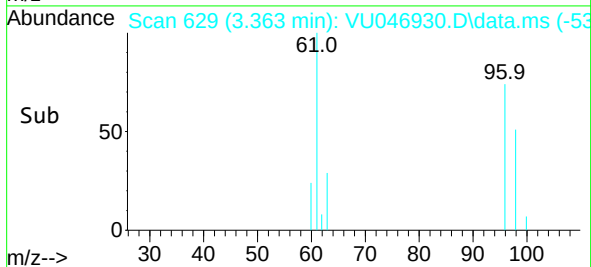
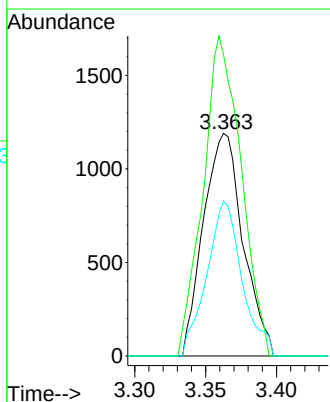
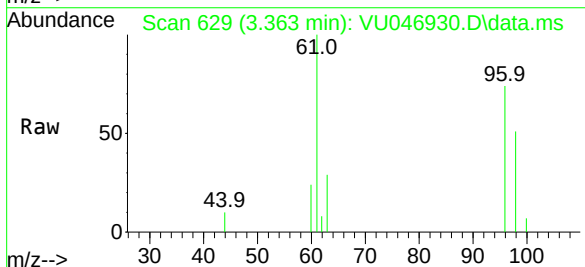
Tgt Ion: 96 Resp: 2312

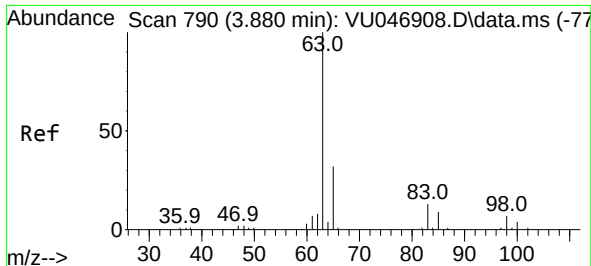
Ion Ratio Lower Upper

96 100

61 135.5 100.8 187.2

98 69.6 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.190 ug/L

RT: 3.877 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU046930.D

Acq: 31 Jan 2022 20:19

Instrument :

MSVOA_U

ClientSampleId :

COHLO

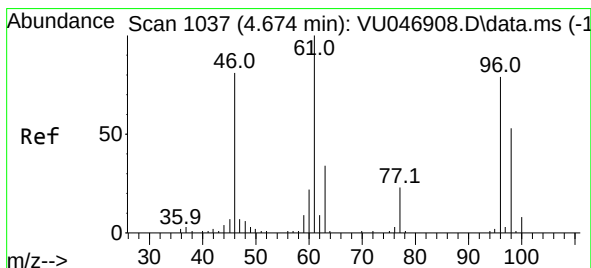
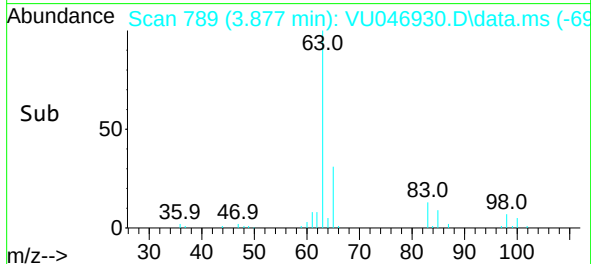
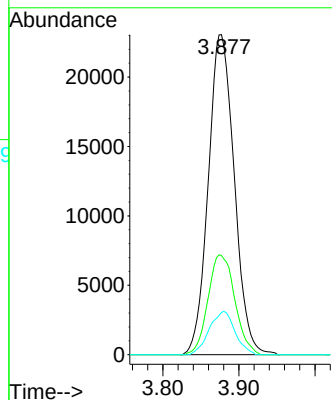
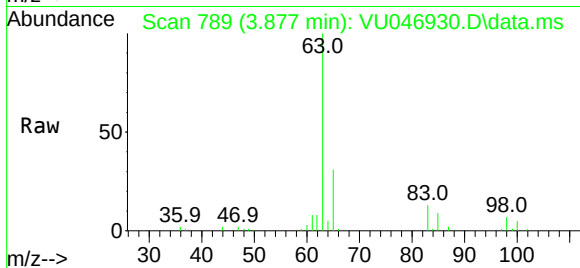
Tgt Ion: 63 Resp: 54758

Ion Ratio Lower Upper

63 100

65 31.0 22.3 41.5

83 13.2 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 60.251 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU046930.D

Acq: 31 Jan 2022 20:19

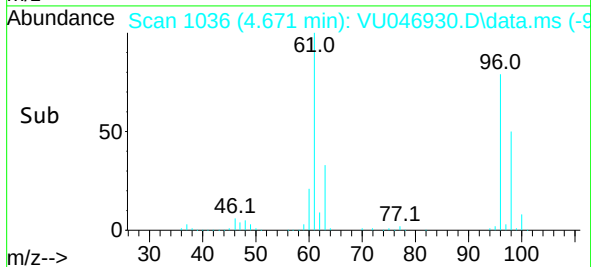
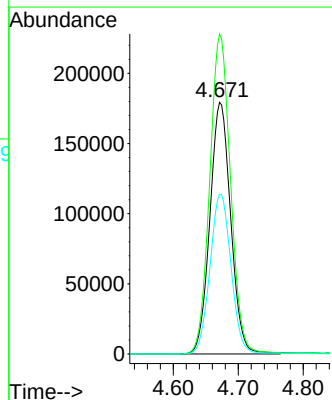
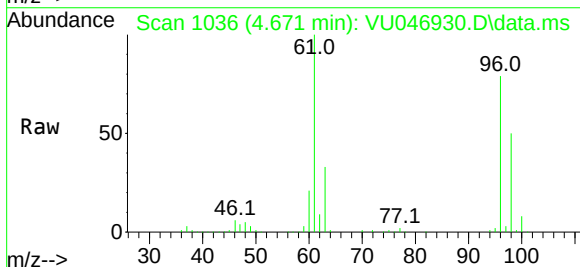
Tgt Ion: 96 Resp: 399442

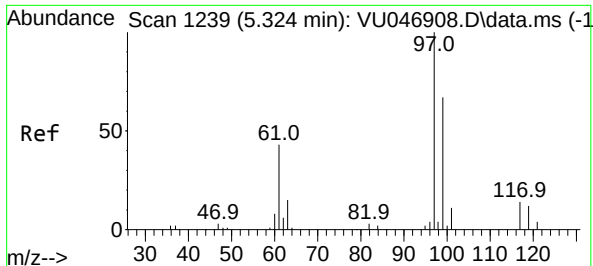
Ion Ratio Lower Upper

96 100

61 127.1 88.5 164.3

98 63.5 44.4 82.5





#29

1,1,1-Trichloroethane

Concen: 1.834 ug/L

RT: 5.321 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU046930.D

Acq: 31 Jan 2022 20:19

Instrument :

MSVOA_U

ClientSampleId :

COHLO

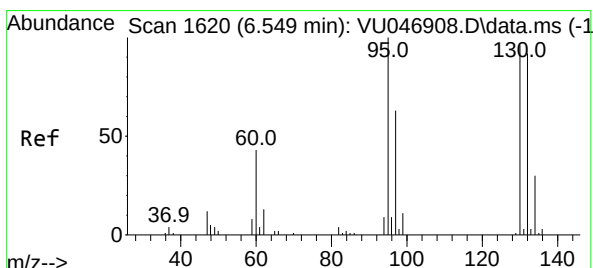
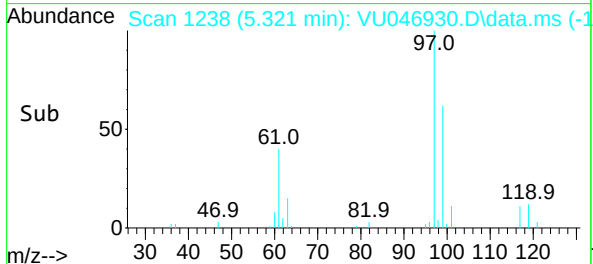
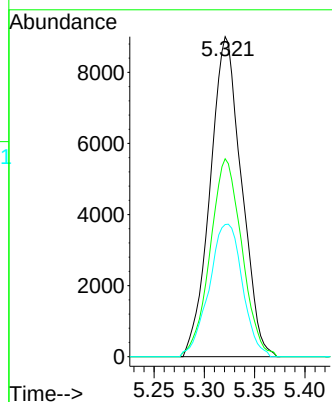
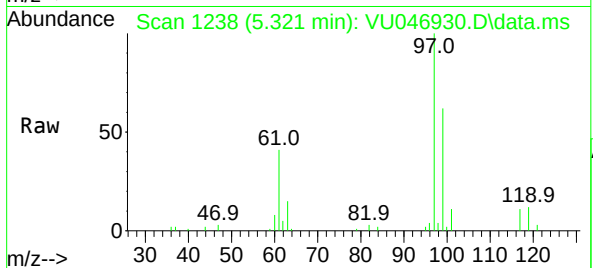
Tgt Ion: 97 Resp: 19519

Ion Ratio Lower Upper

97 100

99 62.7 51.3 76.9

61 44.0 36.1 54.1



#34

Trichloroethene

Concen: 22.510 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.003 min

Lab File: VU046930.D

Acq: 31 Jan 2022 20:19

Tgt Ion: 95 Resp: 162628

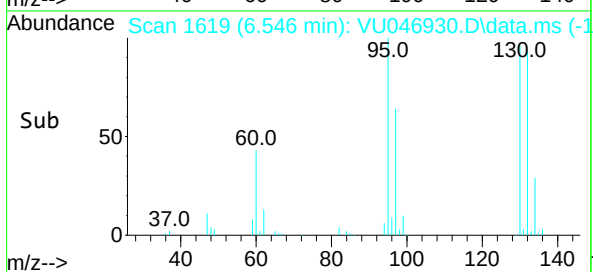
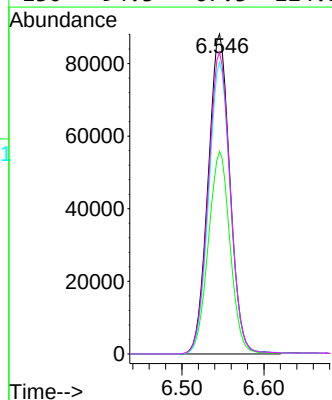
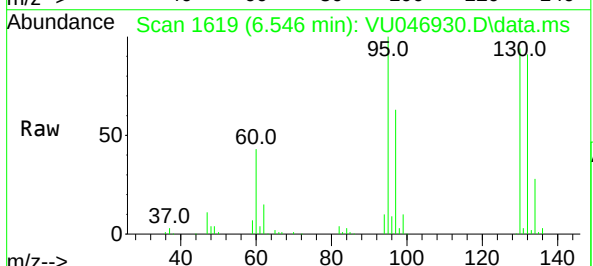
Ion Ratio Lower Upper

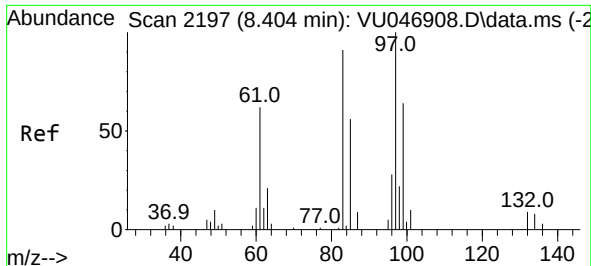
95 100

97 63.3 46.5 86.5

132 91.2 65.1 120.9

130 94.3 67.3 124.9





#45

1,1,2-Trichloroethane

Concen: 0.127 ug/L

RT: 8.401 min Scan# 2197

Delta R.T. -0.003 min

Lab File: VU046930.D

Acq: 31 Jan 2022 20:19

Instrument :

MSVOA_U

ClientSampleId :

COHLO

Tgt Ion: 97 Resp: 738

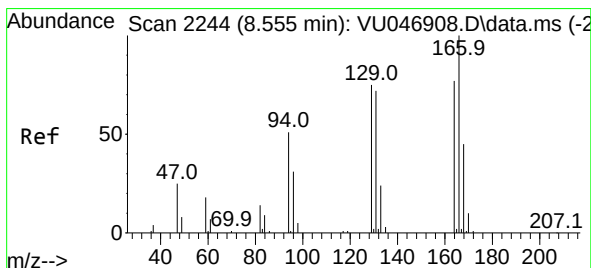
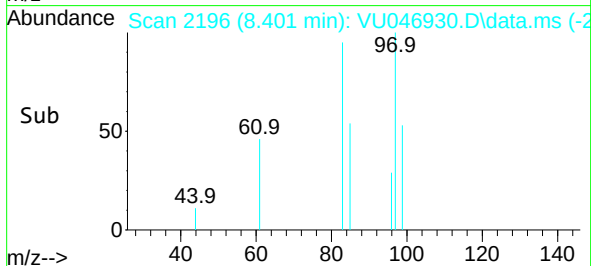
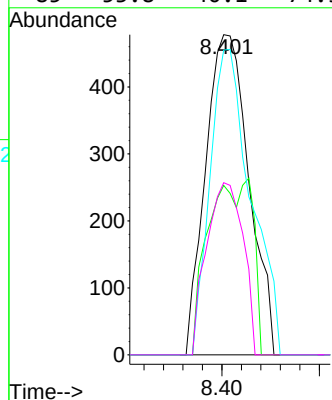
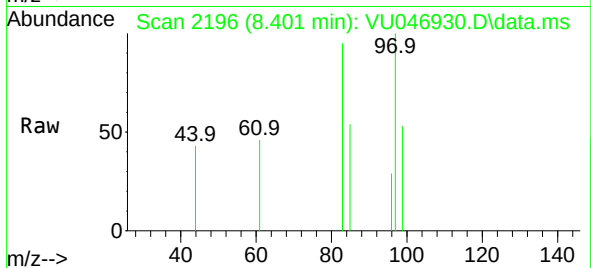
Ion Ratio Lower Upper

97 100

99 52.9 42.3 78.5

83 95.2 62.0 115.2

85 53.8 40.1 74.5



#47

Tetrachloroethene

Concen: 181.393 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU046930.D

Acq: 31 Jan 2022 20:19

Tgt Ion:164 Resp: 1065832

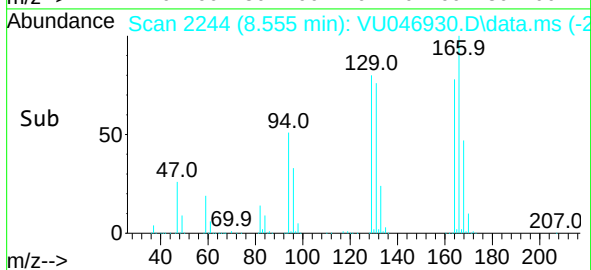
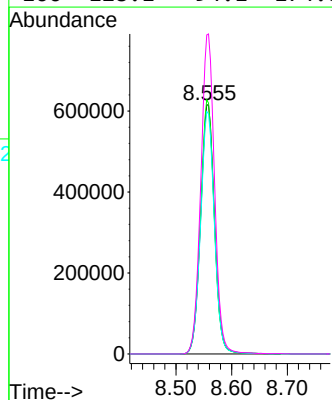
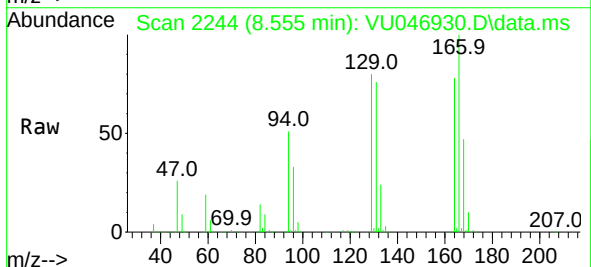
Ion Ratio Lower Upper

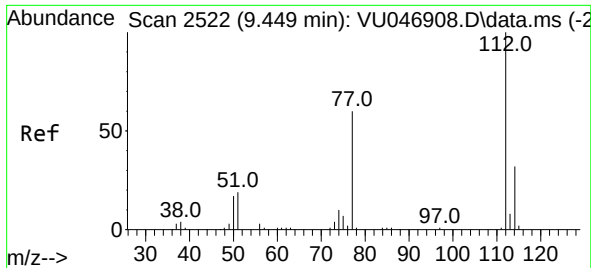
164 100

129 102.1 71.8 133.4

131 97.3 68.5 127.3

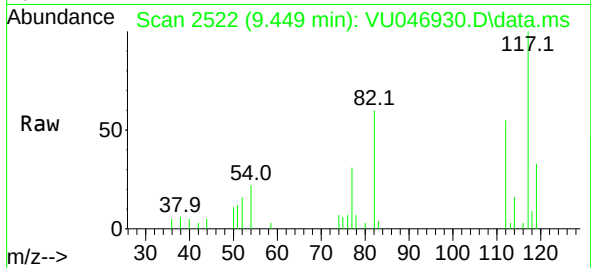
166 128.1 94.1 174.8





#51
Chlorobenzene
Concen: 0.190 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046930.D
Acq: 31 Jan 2022 20:19

Instrument :
MSVOA_U
ClientSampleId :
COHLO



Tgt Ion:	112	Resp:	3669
Ion	Ratio	Lower	Upper
112	100		
114	28.9	22.1	41.1
77	57.5	48.3	72.5

