

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
 Data File : VU046968.D
 Acq On : 01 Feb 2022 17:04
 Operator : SY/MD
 Sample : N1273-13 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COHL1

Quant Time: Feb 02 02:05:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 02 02:02:08 2022
 Response via : Initial Calibration

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

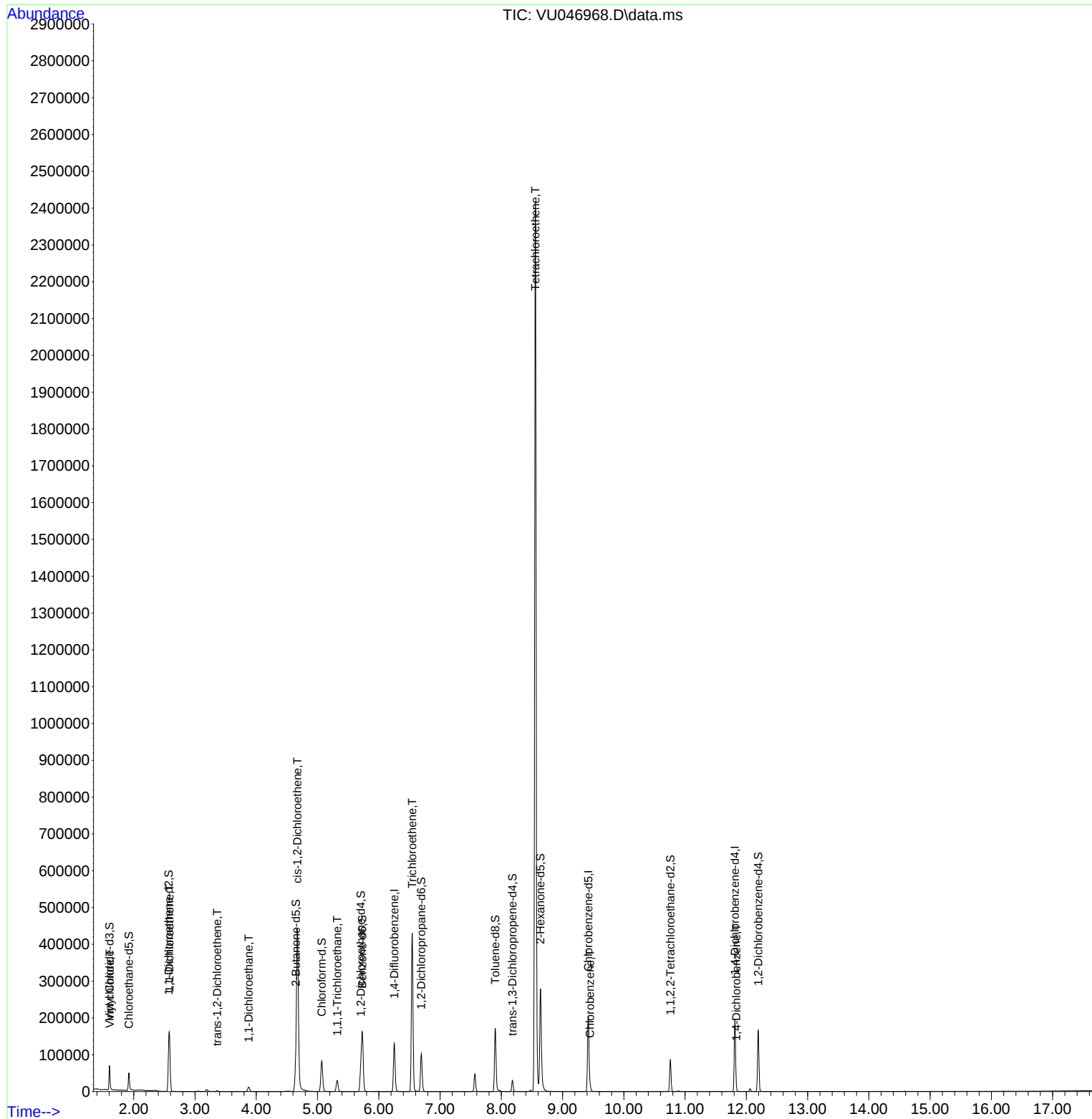
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	107179	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	120801	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	51246	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	49894	5.494	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.800%
7) Chloroethane-d5	1.919	69	39236	5.483	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.600%
11) 1,1-Dichloroethene-d2	2.572	65	19576	5.419	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.400%
20) 2-Butanone-d5	4.649	46	114588	42.590	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.180%
24) Chloroform-d	5.070	84	77880	4.885	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.707	65	43815	5.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.732	84	156405	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.694	67	49952	4.686	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.903	98	120320	3.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.000%
43) trans-1,3-Dichloroprop...	8.182	79	18167	3.881	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.639	63	110279	39.784	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.560%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	44123	4.123	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	42983	4.473	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.610	62	1658	0.192	ug/L	# 57
12) 1,1-Dichloroethene	2.584	96	33578	5.611	ug/L	95
18) trans-1,2-Dichloroethene	3.363	96	1107	0.171	ug/L	77
19) 1,1-Dichloroethane	3.877	63	14922	1.371	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	219829	32.149	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	22035	2.025	ug/L	97
34) Trichloroethene	6.546	95	148639	20.129	ug/L	99
47) Tetrachloroethene	8.555	164	539033	89.753	ug/L	98
51) Chlorobenzene	9.449	112	6319	0.320	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	1835	0.153	ug/L	87

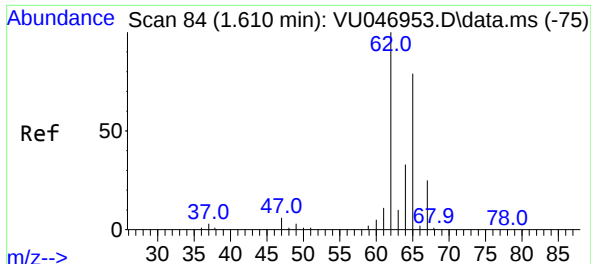
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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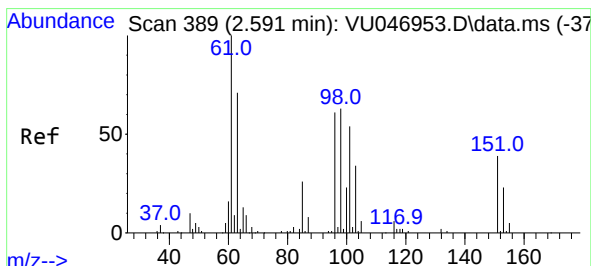
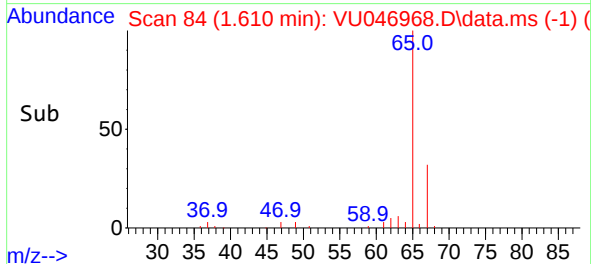
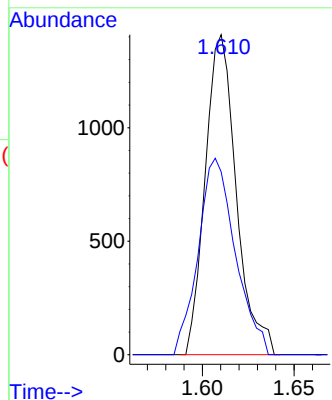
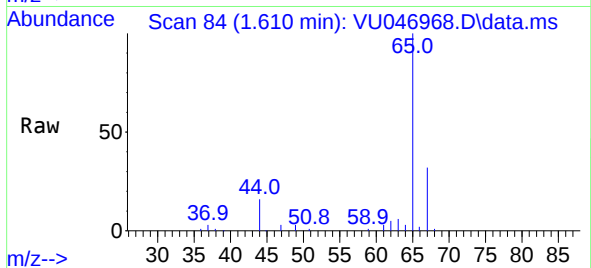




#5
 Vinyl chloride
 Concen: 0.192 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VU046968.D
 Acq: 01 Feb 2022 17:04

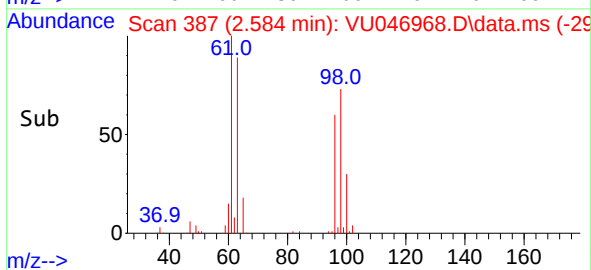
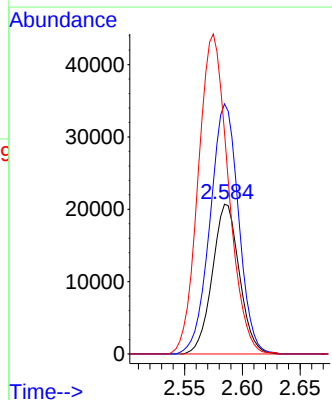
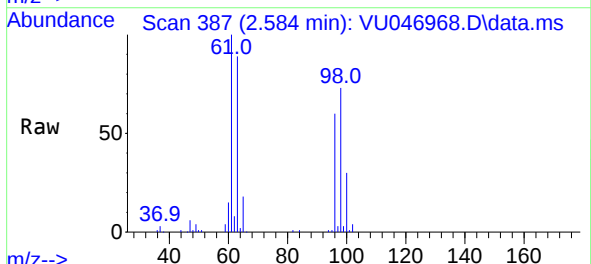
Instrument :
 MSVOA_U
 ClientSampleId :
 COHL1

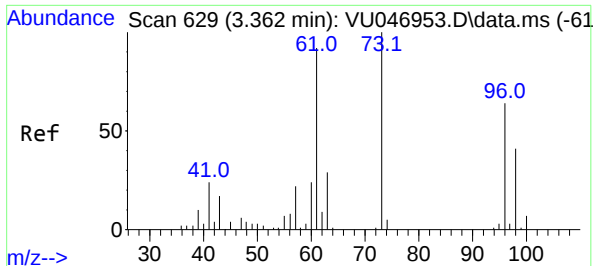
Tgt Ion: 62 Resp: 1658
 Ion Ratio Lower Upper
 62 100
 64 57.2 22.9 42.5#



#12
 1,1-Dichloroethene
 Concen: 5.611 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.006 min
 Lab File: VU046968.D
 Acq: 01 Feb 2022 17:04

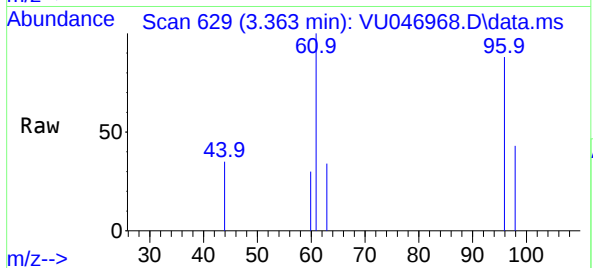
Tgt Ion: 96 Resp: 33578
 Ion Ratio Lower Upper
 96 100
 61 167.0 124.7 231.5
 63 147.8 105.2 195.4





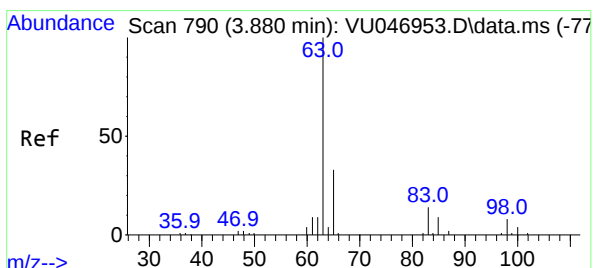
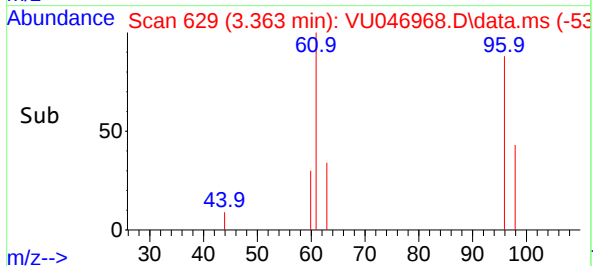
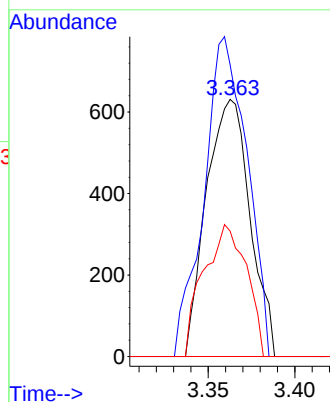
#18
trans-1,2-Dichloroethene
Concen: 0.171 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU046968.D
Acq: 01 Feb 2022 17:04

Instrument :
MSVOA_U
ClientSampleId :
COHL1



Tgt Ion: 96 Resp: 1107

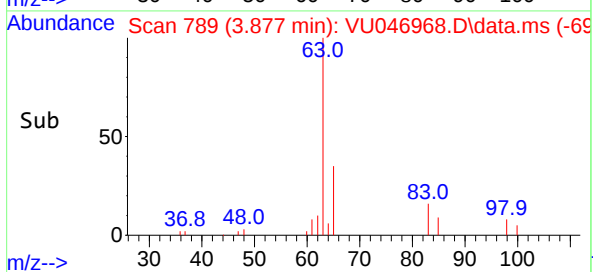
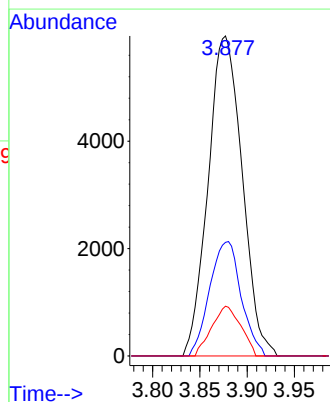
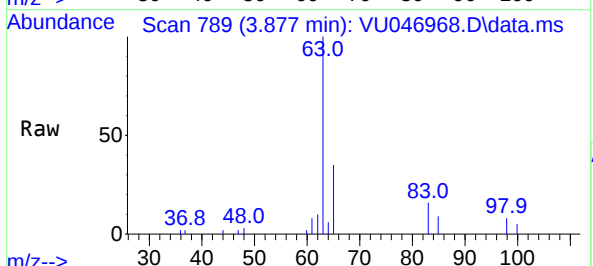
Ion	Ratio	Lower	Upper
96	100		
61	113.5	100.8	187.2
98	48.8	45.1	83.7

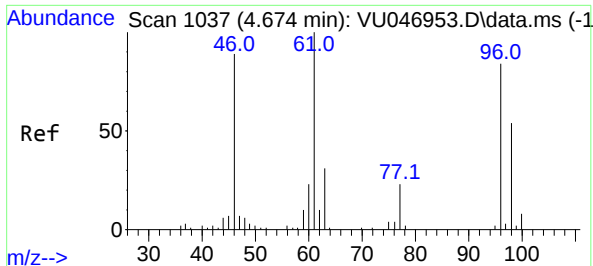


#19
1,1-Dichloroethane
Concen: 1.371 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.003 min
Lab File: VU046968.D
Acq: 01 Feb 2022 17:04

Tgt Ion: 63 Resp: 14922

Ion	Ratio	Lower	Upper
63	100		
65	35.5	22.3	41.5
83	15.6	9.6	17.8





#22

cis-1,2-Dichloroethene

Concen: 32.149 ug/L

RT: 4.671 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VU046968.D

Acq: 01 Feb 2022 17:04

Instrument :

MSVOA_U

ClientSampleId :

COHL1

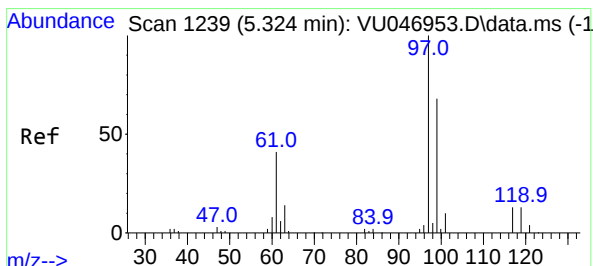
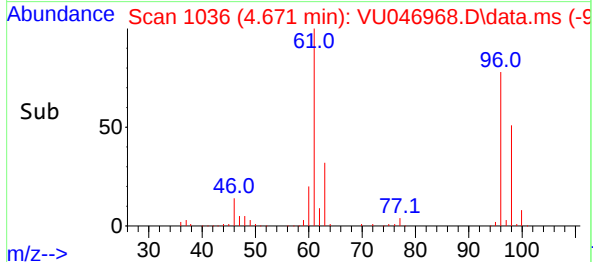
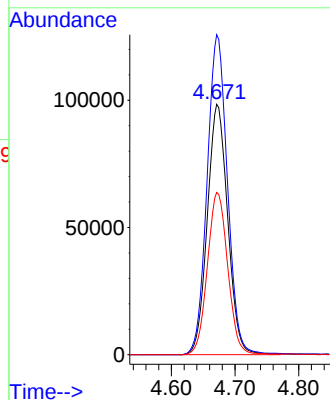
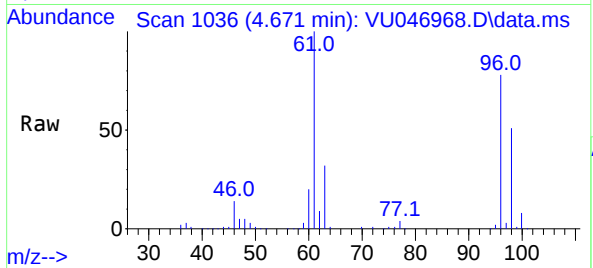
Tgt Ion: 96 Resp: 219829

Ion Ratio Lower Upper

96 100

61 127.8 88.5 164.3

98 64.8 44.4 82.5



#29

1,1,1-Trichloroethane

Concen: 2.025 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.003 min

Lab File: VU046968.D

Acq: 01 Feb 2022 17:04

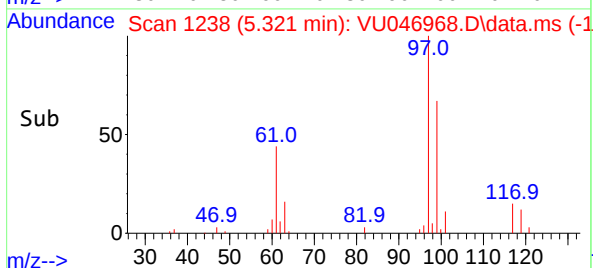
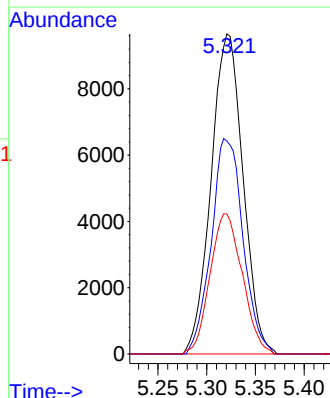
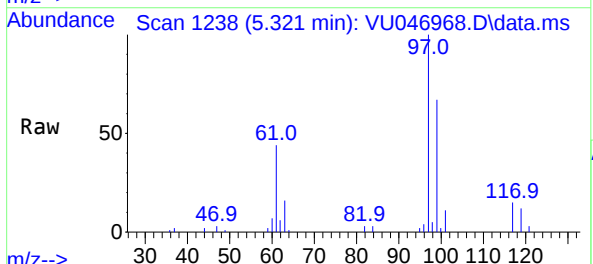
Tgt Ion: 97 Resp: 22035

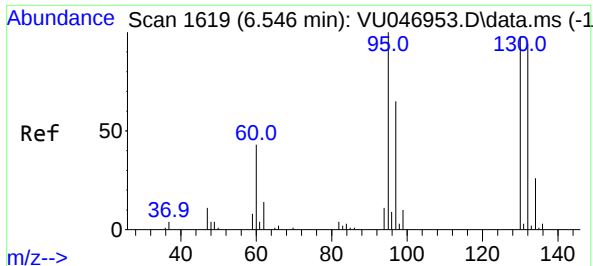
Ion Ratio Lower Upper

97 100

99 66.8 51.3 76.9

61 44.2 36.1 54.1



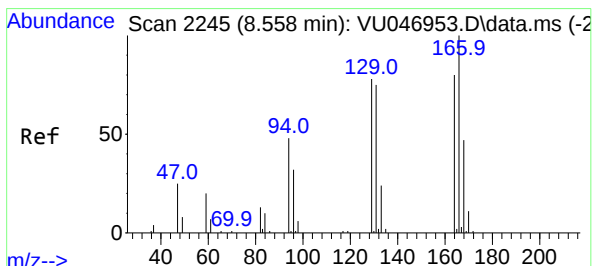
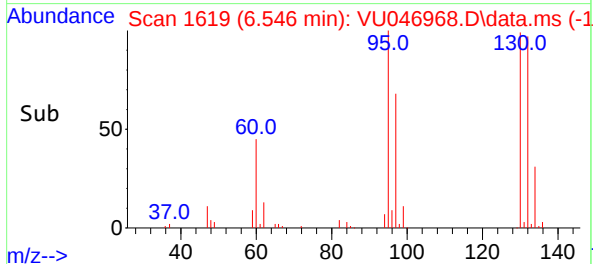
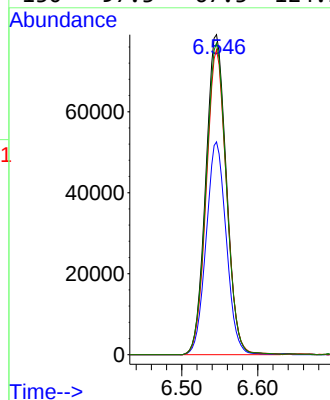
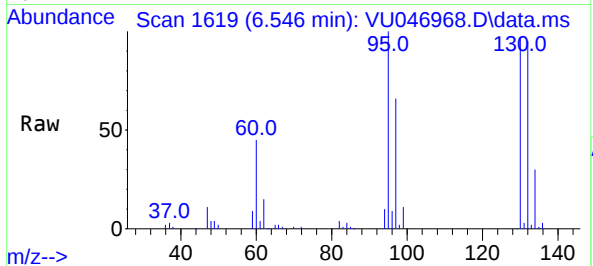


#34
Trichloroethene
Concen: 20.129 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU046968.D
Acq: 01 Feb 2022 17:04

Instrument :
MSVOA_U
ClientSampleId :
COHL1

Tgt Ion: 95 Resp: 148639

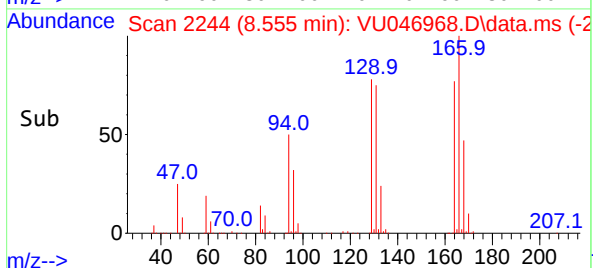
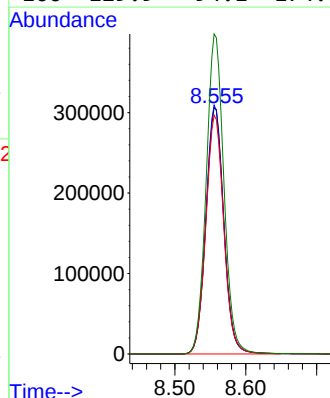
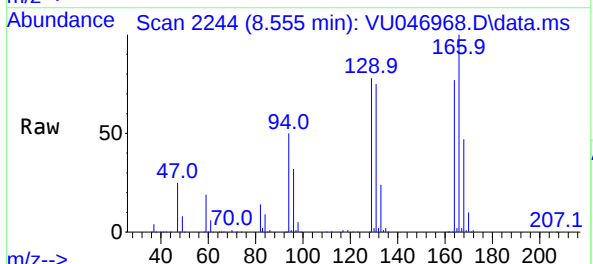
Ion	Ratio	Lower	Upper
95	100		
97	66.5	46.5	86.5
132	95.3	65.1	120.9
130	97.3	67.3	124.9

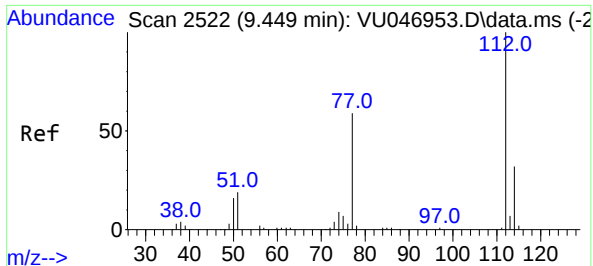


#47
Tetrachloroethene
Concen: 89.753 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU046968.D
Acq: 01 Feb 2022 17:04

Tgt Ion: 164 Resp: 539033

Ion	Ratio	Lower	Upper
164	100		
129	101.0	71.8	133.4
131	97.0	68.5	127.3
166	129.9	94.1	174.8

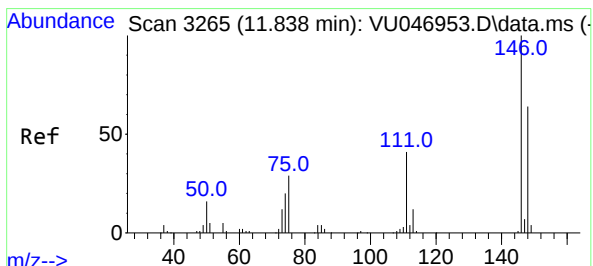
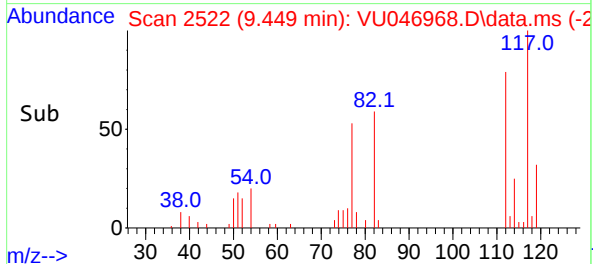
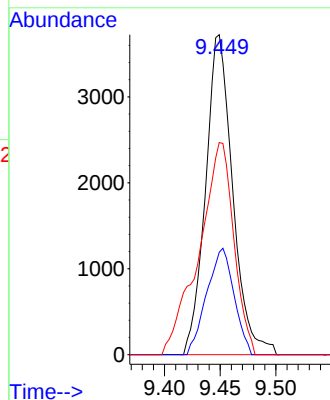
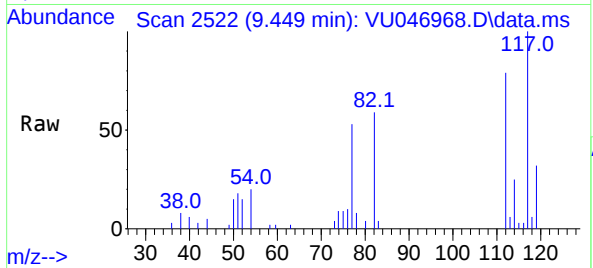




#51
Chlorobenzene
Concen: 0.320 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU046968.D
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Tgt Ion:	112	Resp:	6319
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.1	41.1
77	66.3	48.3	72.5



#65
1,4-Dichlorobenzene
Concen: 0.153 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU046968.D
Acq: 01 Feb 2022 17:04

Tgt Ion:	146	Resp:	1835
Ion	Ratio	Lower	Upper
146	100		
111	42.7	28.7	53.3
148	50.0	45.8	85.0

