

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121121\
 Data File : VU046292.D
 Acq On : 11 Dec 2021 17:20
 Operator : SY/MD
 Sample : M4983-11DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

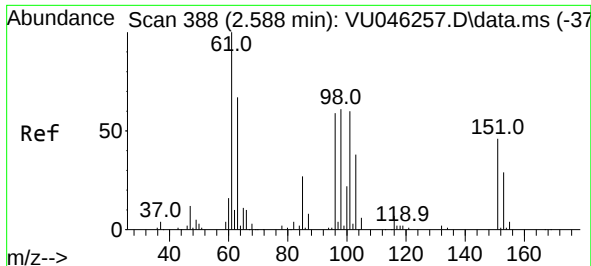
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 01:39:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	183151	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	187155	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	94474	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	50314	33.349	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.700%
7) Chloroethane-d5	1.916	69	43388	37.456	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.920%
11) 1,1-Dichloroethene-d2	2.571	63	72377	26.723	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.440%#
21) 2-Butanone-d5	4.636	46	121503	101.308	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.310%
24) Chloroform-d	5.066	84	111221	44.145	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.280%
26) 1,2-Dichloroethane-d4	5.706	65	78679	46.533	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.060%
32) Benzene-d6	5.732	84	222584	41.494	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.980%
36) 1,2-Dichloropropane-d6	6.693	67	73903	44.454	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.900%
41) Toluene-d8	7.899	98	188394	38.573	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.140%#
43) trans-1,3-Dichloroprop...	8.182	79	34918	43.510	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.020%
47) 2-Hexanone-d5	8.635	63	85100	107.963	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.960%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	123769	49.092	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.180%
66) 1,2-Dichlorobenzene-d4	12.195	152	84313	46.341	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.680%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	608	0.456	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	1846	1.458	ug/L #	1
19) 1,1-Dichloroethane	3.877	63	14479	5.942	ug/L	97
20) cis-1,2-Dichloroethene	4.674	96	15038	10.341	ug/L	98
27) 1,2-Dichloroethane	5.729	62	1129	0.562	ug/L #	73
30) 1,1,1-Trichloroethane	5.321	97	97424	42.407	ug/L	99
31) Carbon tetrachloride	5.317	117	12146	6.228	ug/L	94
35) Methylcyclohexane	6.693	83	18442	7.970	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	7938	5.350	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2037	0.902	ug/L #	74
44) trans-1,3-Dichloropropene	8.182	75	1442	0.650	ug/L #	71
49) Dibromochloromethane	8.555	129	2047	1.309	ug/L #	10
60) 1,2,3-Trichloropropane	11.812	75	11152	5.385	ug/L #	65

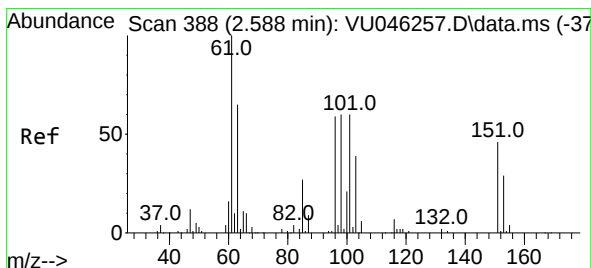
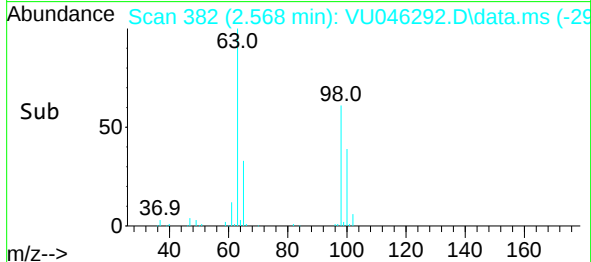
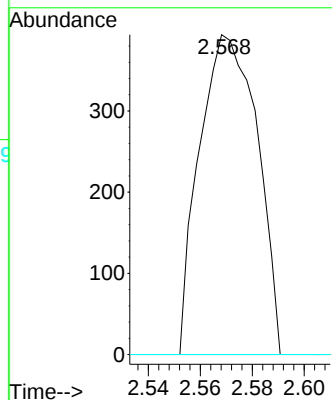
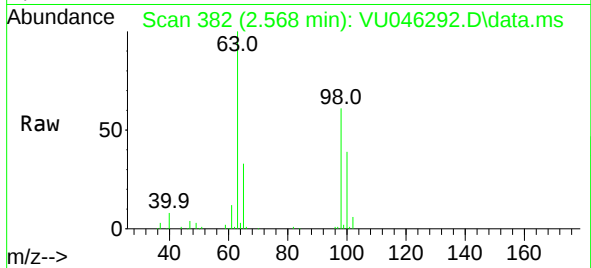
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.456 ug/L
 RT: 2.568 min Scan# 310
 Delta R.T. -0.019 min
 Lab File: VU046292.D
 Acq: 11 Dec 2021 17:20

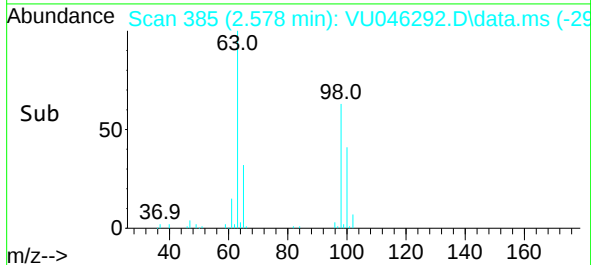
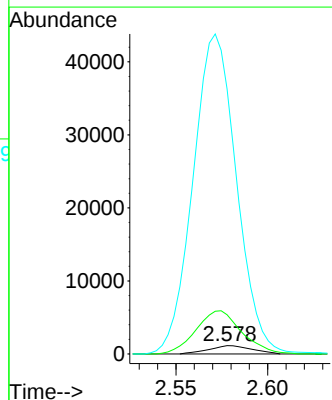
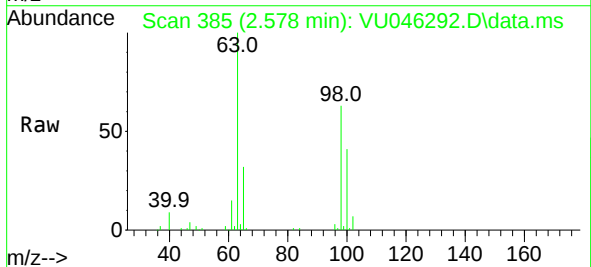
Instrument :
 MSVOA_U
 ClientSampleId :

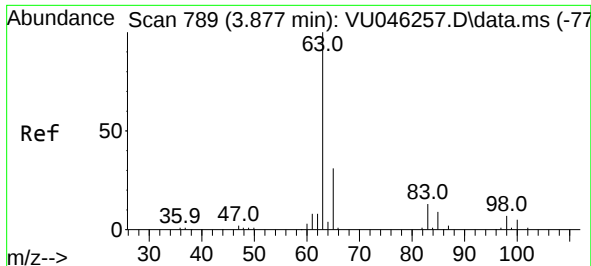
Tgt Ion:101 Resp: 608
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 1.458 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.007 min
 Lab File: VU046292.D
 Acq: 11 Dec 2021 17:20

Tgt Ion: 96 Resp: 1846
 Ion Ratio Lower Upper
 96 100
 61 474.0 118.6 220.2#
 63 3208.5 93.0 172.8#





#19

1,1-Dichloroethane

Concen: 5.942 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU046292.D

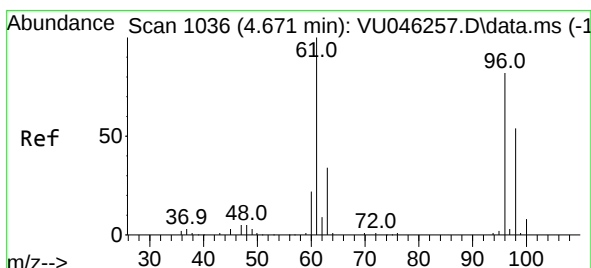
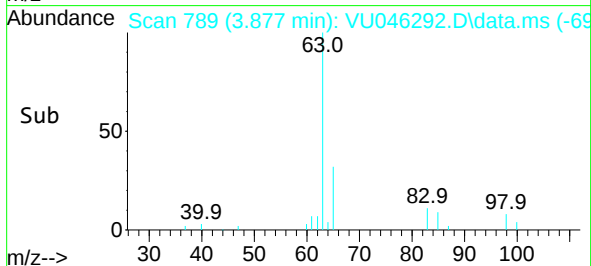
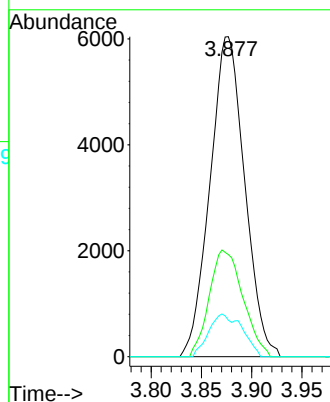
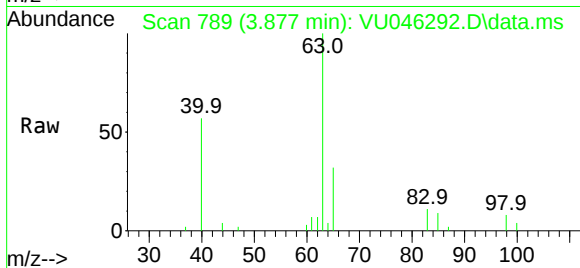
Acq: 11 Dec 2021 17:20

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	14479
Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.8	42.4
83	11.4	9.6	17.8



#20

cis-1,2-Dichloroethene

Concen: 10.341 ug/L

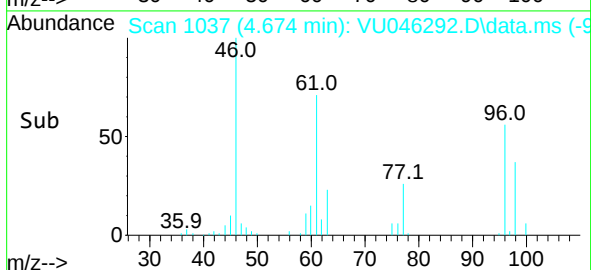
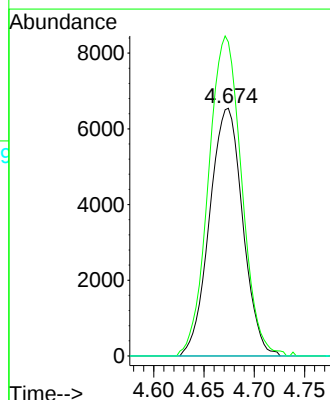
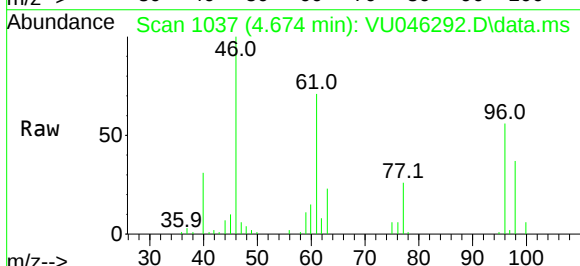
RT: 4.674 min Scan# 1037

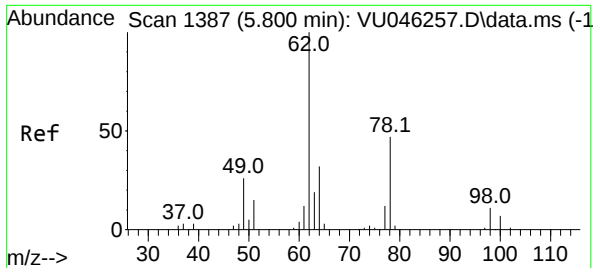
Delta R.T. 0.003 min

Lab File: VU046292.D

Acq: 11 Dec 2021 17:20

Tgt Ion:	96	Resp:	15038
Ion	Ratio	Lower	Upper
96	100		
61	126.8	86.8	161.2
68	0.0	0.0	0.0

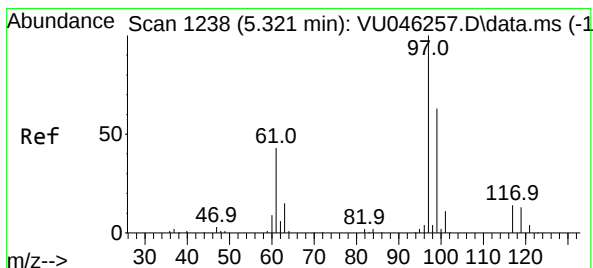
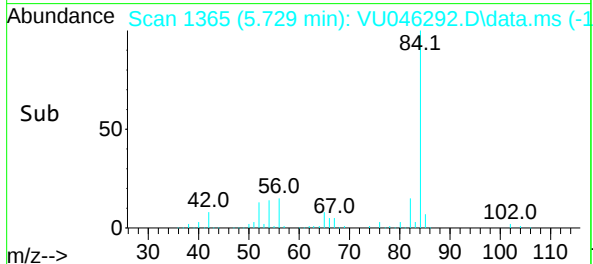
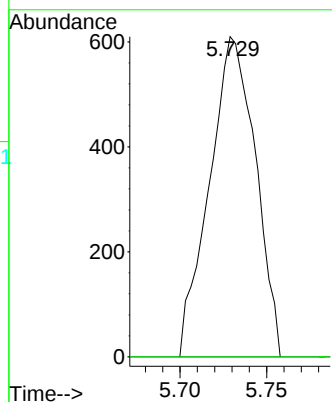
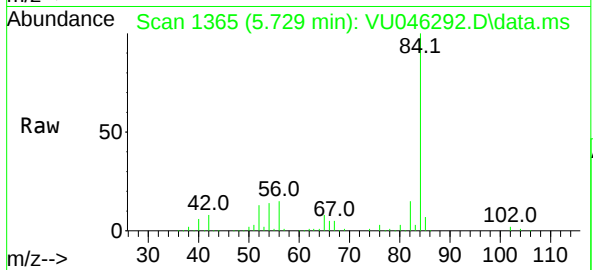




#27
1,2-Dichloroethane
Concen: 0.562 ug/L
RT: 5.729 min Scan# 11
Delta R.T. -0.071 min
Lab File: VU046292.D
Acq: 11 Dec 2021 17:20

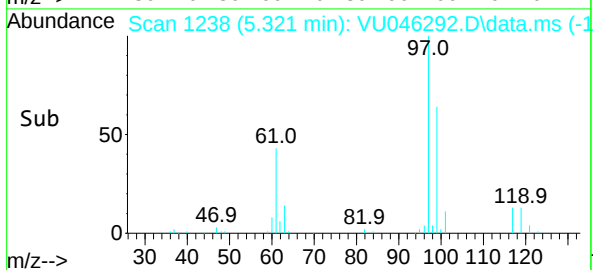
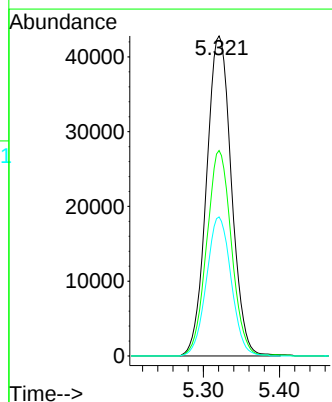
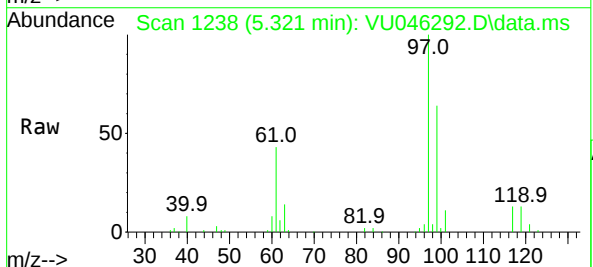
Instrument :
MSVOA_U
ClientSampleId :

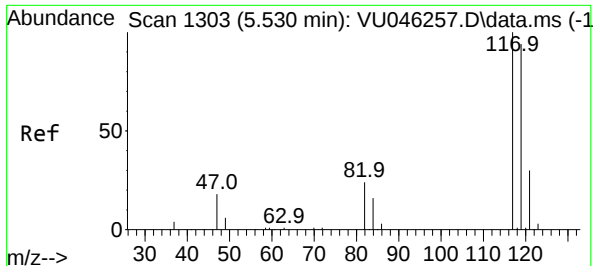
Tgt Ion: 62 Resp: 1129
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#



#30
1,1,1-Trichloroethane
Concen: 42.407 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU046292.D
Acq: 11 Dec 2021 17:20

Tgt Ion: 97 Resp: 97424
Ion Ratio Lower Upper
97 100
99 63.8 51.8 77.6
61 43.1 34.4 51.6

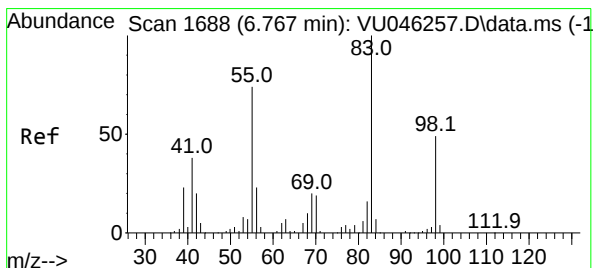
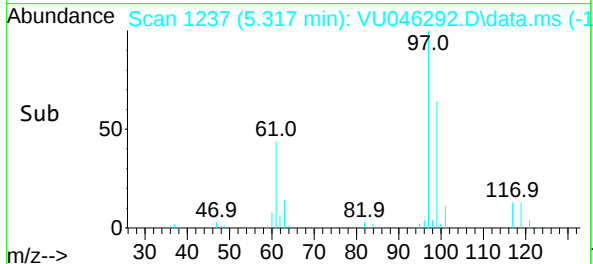
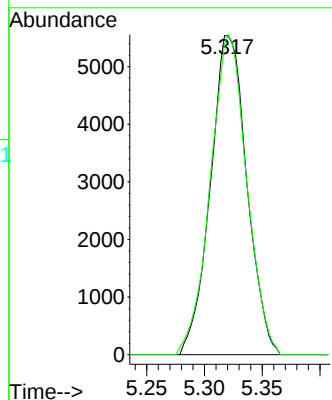
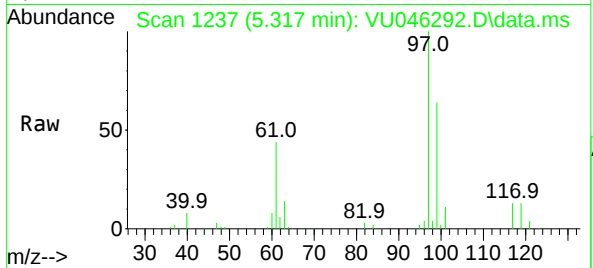




#31
Carbon tetrachloride
Concen: 6.228 ug/L
RT: 5.317 min Scan# 11
Delta R.T. -0.212 min
Lab File: VU046292.D
Acq: 11 Dec 2021 17:20

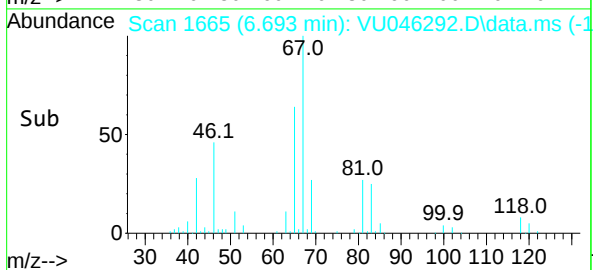
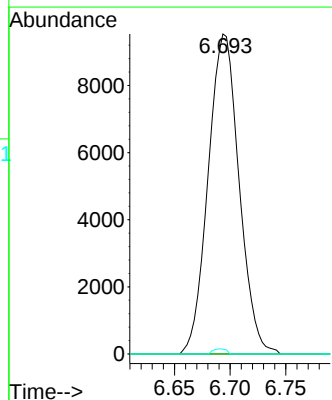
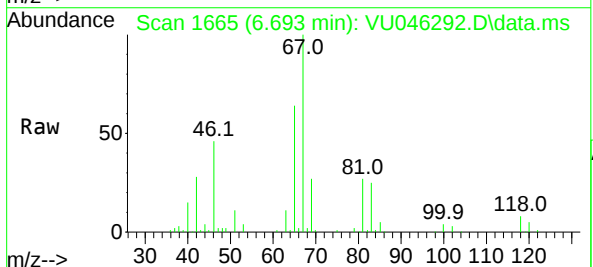
Instrument :
MSVOA_U
ClientSampleId :

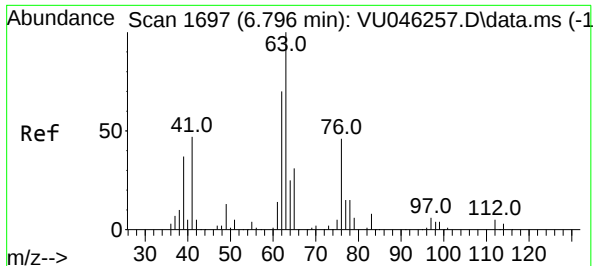
Tgt Ion:117 Resp: 12146
Ion Ratio Lower Upper
117 100
119 100.1 75.7 113.5



#35
Methylcyclohexane
Concen: 7.970 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046292.D
Acq: 11 Dec 2021 17:20

Tgt Ion: 83 Resp: 18442
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 0.7 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.350 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046292.D

Acq: 11 Dec 2021 17:20

Instrument :

MSVOA_U

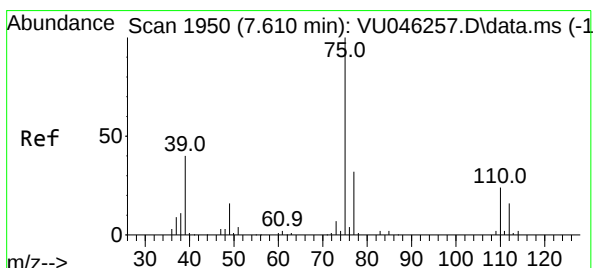
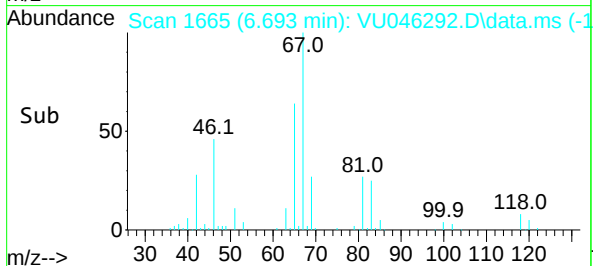
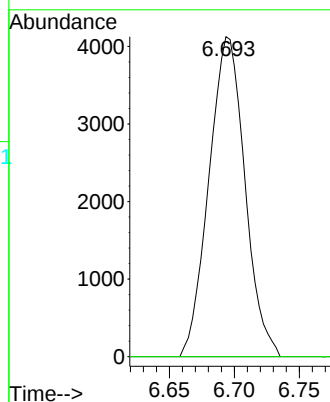
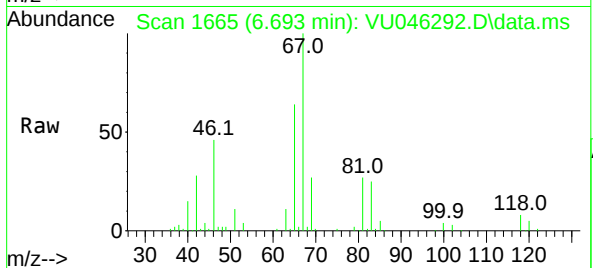
ClientSampleId :

Tgt Ion: 63 Resp: 7938

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.902 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046292.D

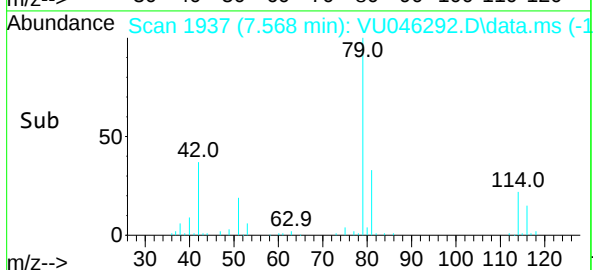
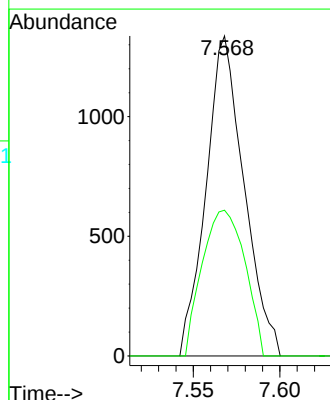
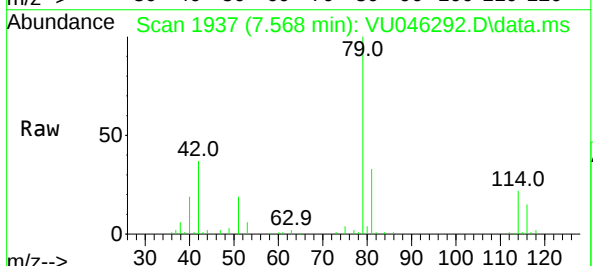
Acq: 11 Dec 2021 17:20

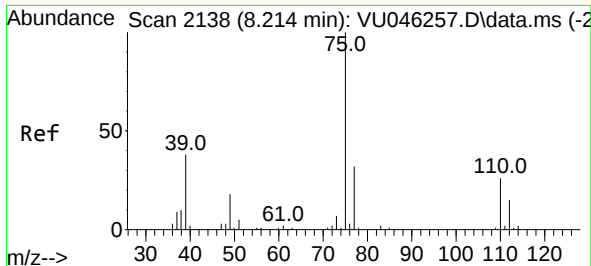
Tgt Ion: 75 Resp: 2037

Ion Ratio Lower Upper

75 100

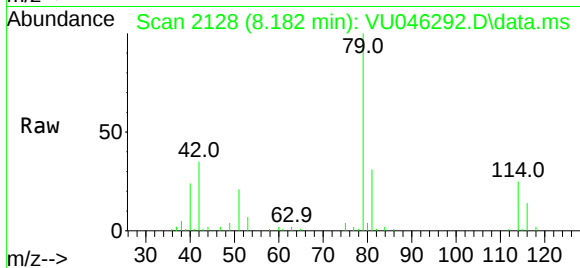
77 45.5 21.8 40.6#



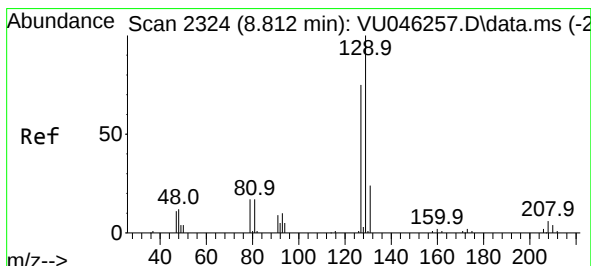
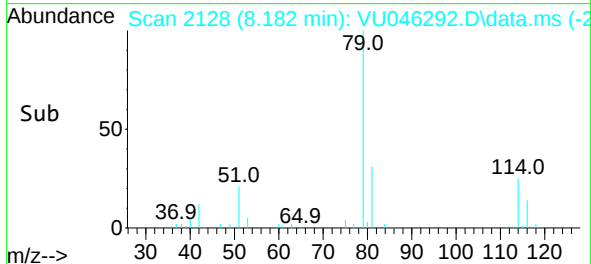
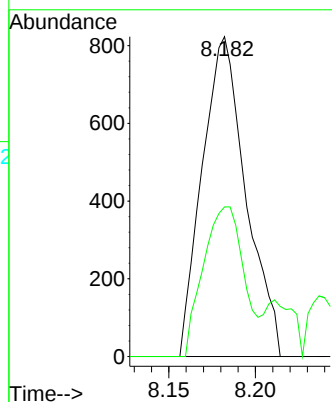


#44
trans-1,3-Dichloropropene
Concen: 0.650 ug/L
RT: 8.182 min Scan# 2138
Delta R.T. -0.032 min
Lab File: VU046292.D
Acq: 11 Dec 2021 17:20

Instrument :
MSVOA_U
ClientSampleId :

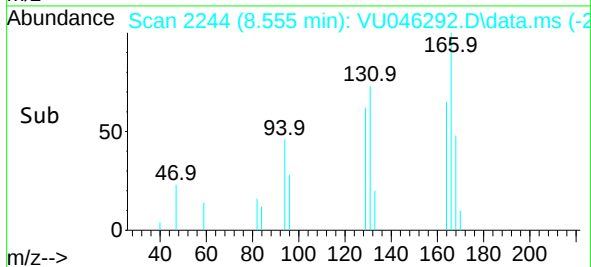
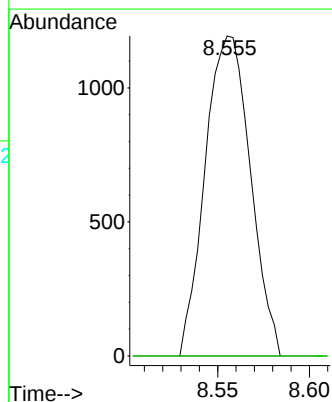
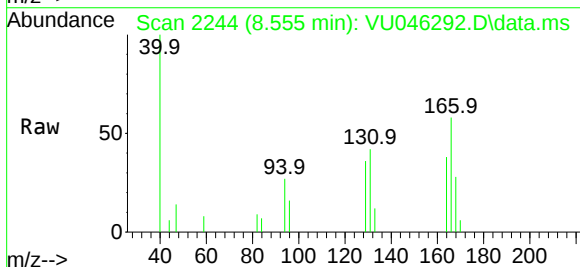


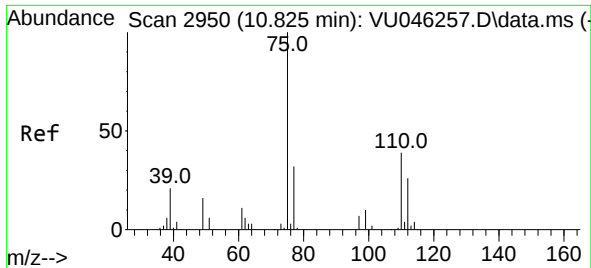
Tgt Ion: 75 Resp: 1442
Ion Ratio Lower Upper
75 100
77 46.8 21.7 40.3#



#49
Dibromochloromethane
Concen: 1.309 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046292.D
Acq: 11 Dec 2021 17:20

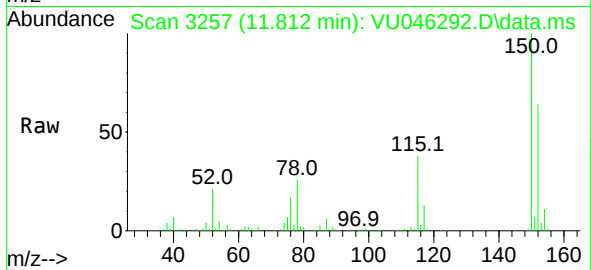
Tgt Ion: 129 Resp: 2047
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#





#60
 1,2,3-Trichloropropane
 Concen: 5.385 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046292.D
 Acq: 11 Dec 2021 17:20

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	11152
Ion Ratio	Lower	Upper
75	100	
77	33.6	26.4 39.6
110	1.8	32.4 48.6#

