

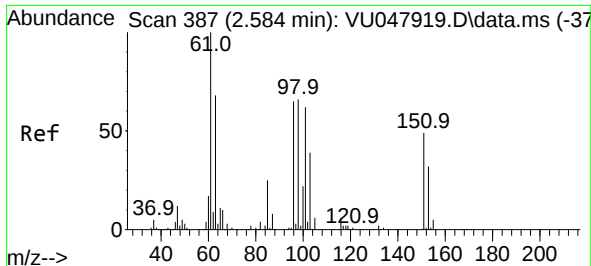
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047929.D
 Acq On : 12 Apr 2022 00:32
 Operator : SY/MD
 Sample : N2293-17ME
 Misc : 6.65g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 05:06:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 12 04:48:51 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	517816	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	559182	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	322227	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	121403	32.331	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	64.660%	
7) Chloroethane-d5	1.871	69	63142	21.326	ug/L	-0.04
Spiked Amount	50.000	Range 70 - 130	Recovery	=	42.660%#	
11) 1,1-Dichloroethene-d2	2.539	63	175626	25.564	ug/L	-0.03
Spiked Amount	50.000	Range 60 - 125	Recovery	=	51.120%#	
21) 2-Butanone-d5	4.633	46	269630	83.658	ug/L	0.01
Spiked Amount	100.000	Range 40 - 130	Recovery	=	83.660%	
24) Chloroform-d	5.060	84	267618	38.951	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	77.900%	
26) 1,2-Dichloroethane-d4	5.700	65	179346	42.560	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	85.120%	
32) Benzene-d6	5.723	84	545142	38.743	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	77.480%	
36) 1,2-Dichloropropane-d6	6.690	67	181058	41.900	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	83.800%	
41) Toluene-d8	7.899	98	496521	36.219	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	72.440%#	
43) trans-1,3-Dichloroprop...	8.182	79	75029	34.272	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	68.540%	
47) 2-Hexanone-d5	8.652	63	219583	86.804	ug/L	0.02
Spiked Amount	100.000	Range 45 - 130	Recovery	=	86.800%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	314806	42.450	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	84.900%	
66) 1,2-Dichlorobenzene-d4	12.195	152	239014	41.693	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	83.380%	
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.543	101	1610	0.422	ug/L #	18
12) 1,1-Dichloroethene	2.539	96	1283	0.361	ug/L #	1
33) Benzene	5.768	78	101051	6.243	ug/L	100
37) 1,2-Dichloropropane	6.687	63	18748	4.556	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	4433	0.694	ug/L #	57
51) Chlorobenzene	9.452	112	472027	39.145	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.970	75	20059	10.309	ug/L #	1

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.422 ug/L

RT: 2.543 min Scan# 31

Delta R.T. -0.042 min

Lab File: VU047929.D

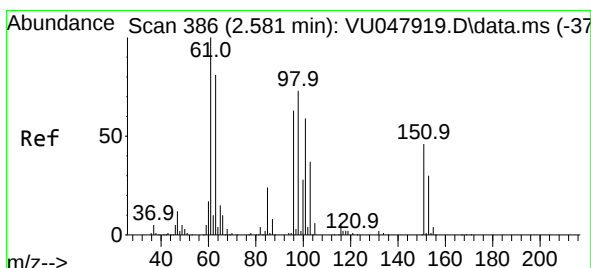
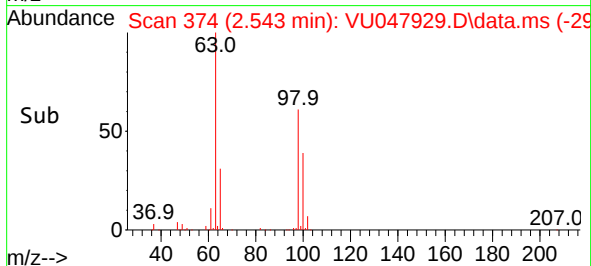
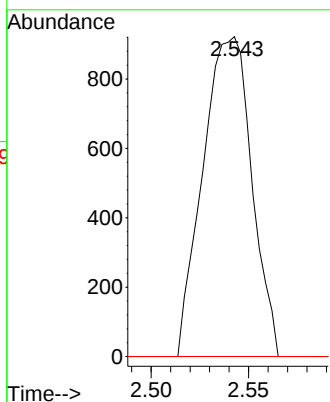
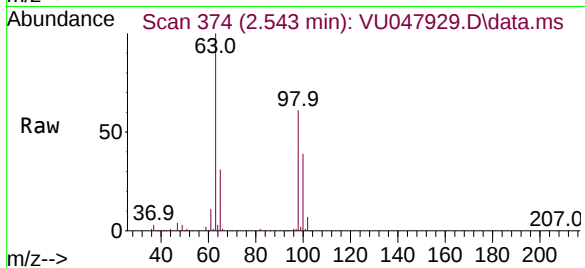
Acq: 12 Apr 2022 00:32

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	1610
Ion	Ratio	Lower	Upper
101	100		
85	0.0	32.8	49.2#
151	0.0	63.0	94.6#



#12

1,1-Dichloroethene

Concen: 0.361 ug/L

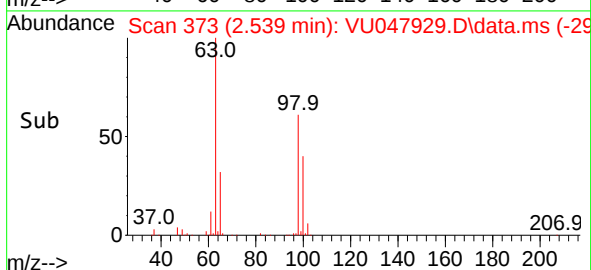
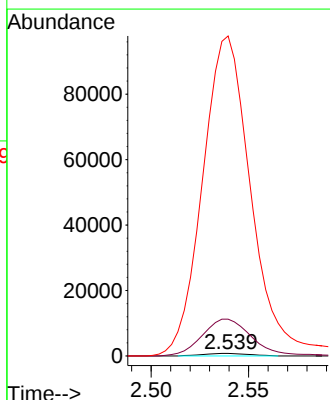
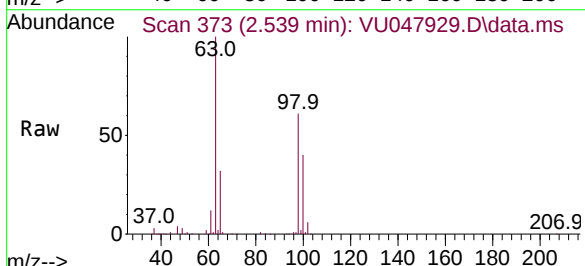
RT: 2.539 min Scan# 373

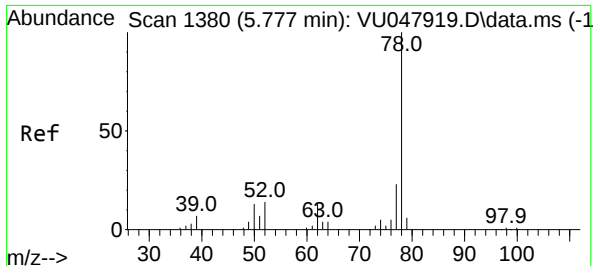
Delta R.T. -0.042 min

Lab File: VU047929.D

Acq: 12 Apr 2022 00:32

Tgt Ion:	96	Resp:	1283
Ion	Ratio	Lower	Upper
96	100		
61	1438.5	113.1	210.1#
63	12505.4	94.8	176.0#

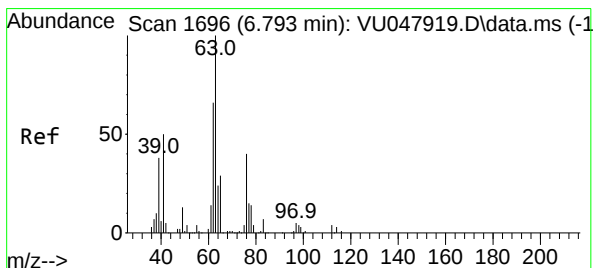
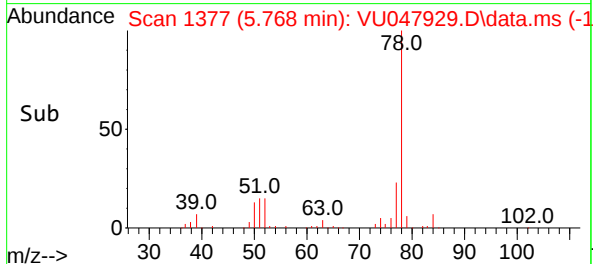
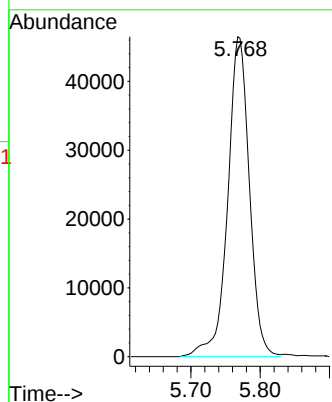
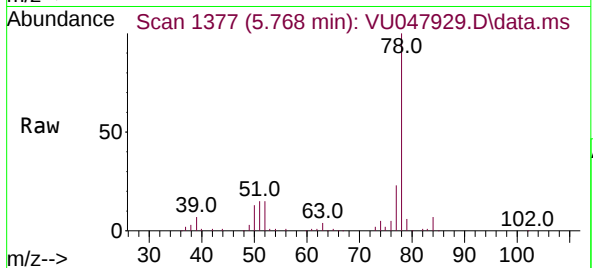




#33
Benzene
Concen: 6.243 ug/L
RT: 5.768 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU047929.D
Acq: 12 Apr 2022 00:32

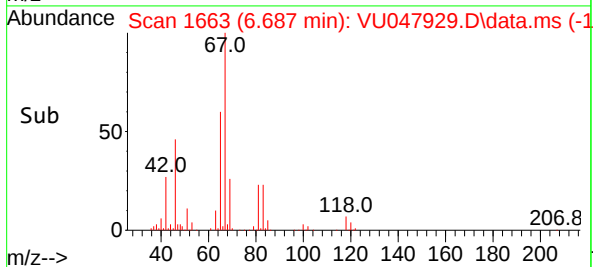
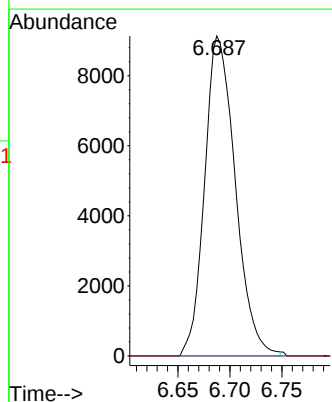
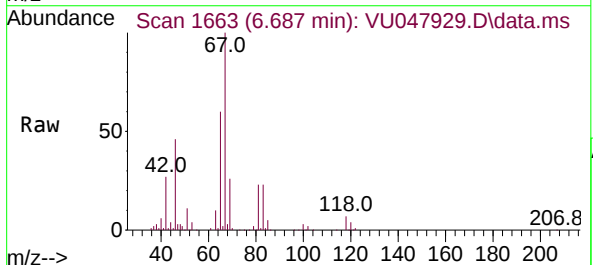
Instrument :
MSVOA_U
ClientSampleId :

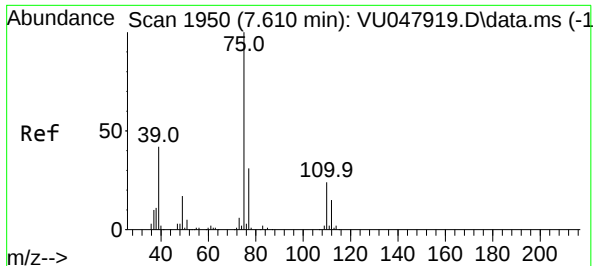
Tgt Ion: 78 Resp: 101051



#37
1,2-Dichloropropane
Concen: 4.556 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.106 min
Lab File: VU047929.D
Acq: 12 Apr 2022 00:32

Tgt Ion: 63 Resp: 18748
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.694 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU047929.D

Acq: 12 Apr 2022 00:32

Instrument :

MSVOA_U

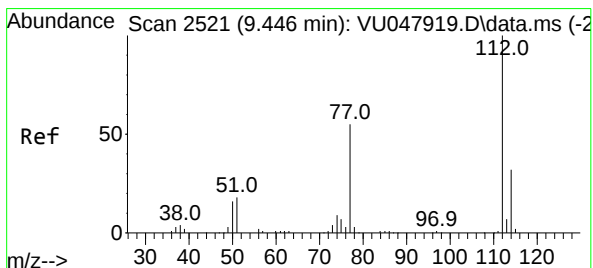
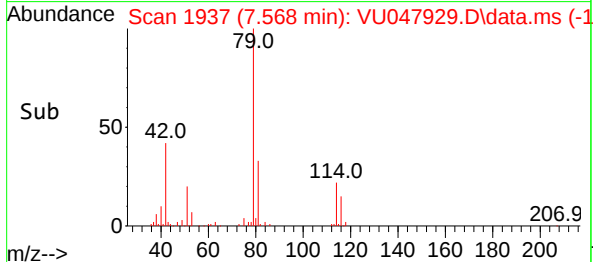
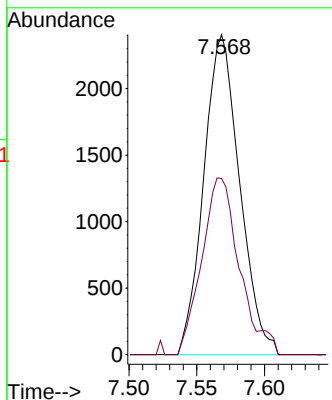
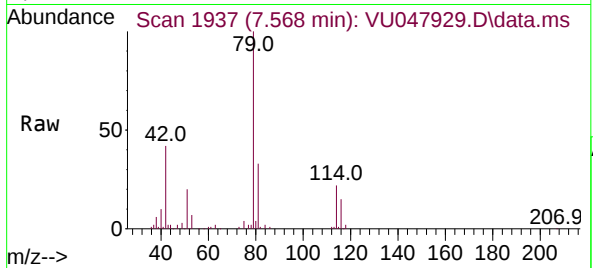
ClientSampleId :

Tgt Ion: 75 Resp: 4433

Ion Ratio Lower Upper

75 100

77 55.1 21.8 40.6#



#51

Chlorobenzene

Concen: 39.145 ug/L

RT: 9.452 min Scan# 2523

Delta R.T. 0.007 min

Lab File: VU047929.D

Acq: 12 Apr 2022 00:32

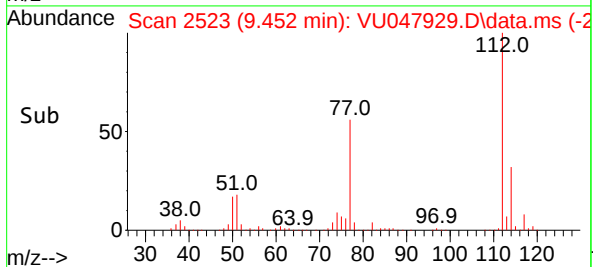
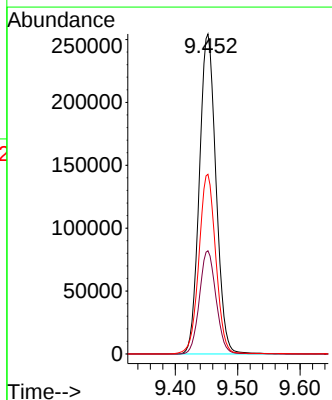
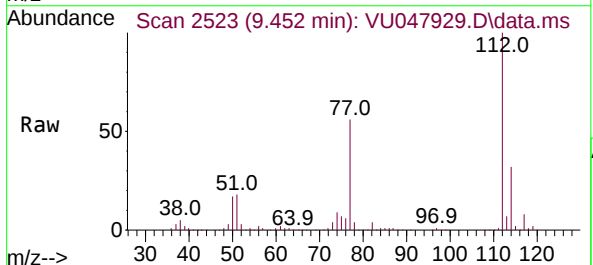
Tgt Ion: 112 Resp: 472027

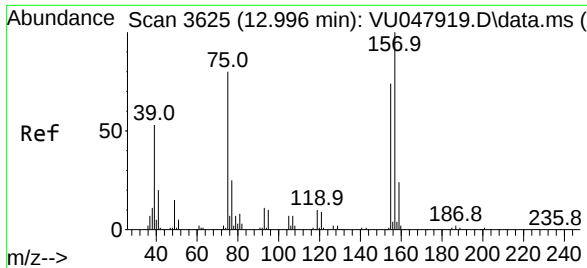
Ion Ratio Lower Upper

112 100

114 32.2 22.1 41.1

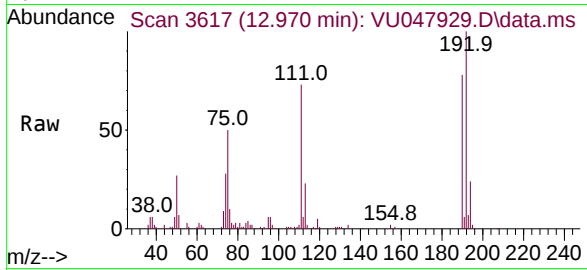
77 56.2 43.4 65.0





#68
 1,2-Dibromo-3-chloropropane
 Concen: 10.309 ug/L
 RT: 12.970 min Scan# 30
 Delta R.T. -0.026 min
 Lab File: VU047929.D
 Acq: 12 Apr 2022 00:32

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 20059
 Ion Ratio Lower Upper
 75 100
 155 3.3 78.9 118.3#
 157 2.7 97.5 146.3#

