

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047900.D
 Acq On : 11 Apr 2022 13:01
 Operator : SY/MD
 Sample : N2343-17DL 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 02:02:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 12 01:57:58 2022
 Response via : Initial Calibration

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

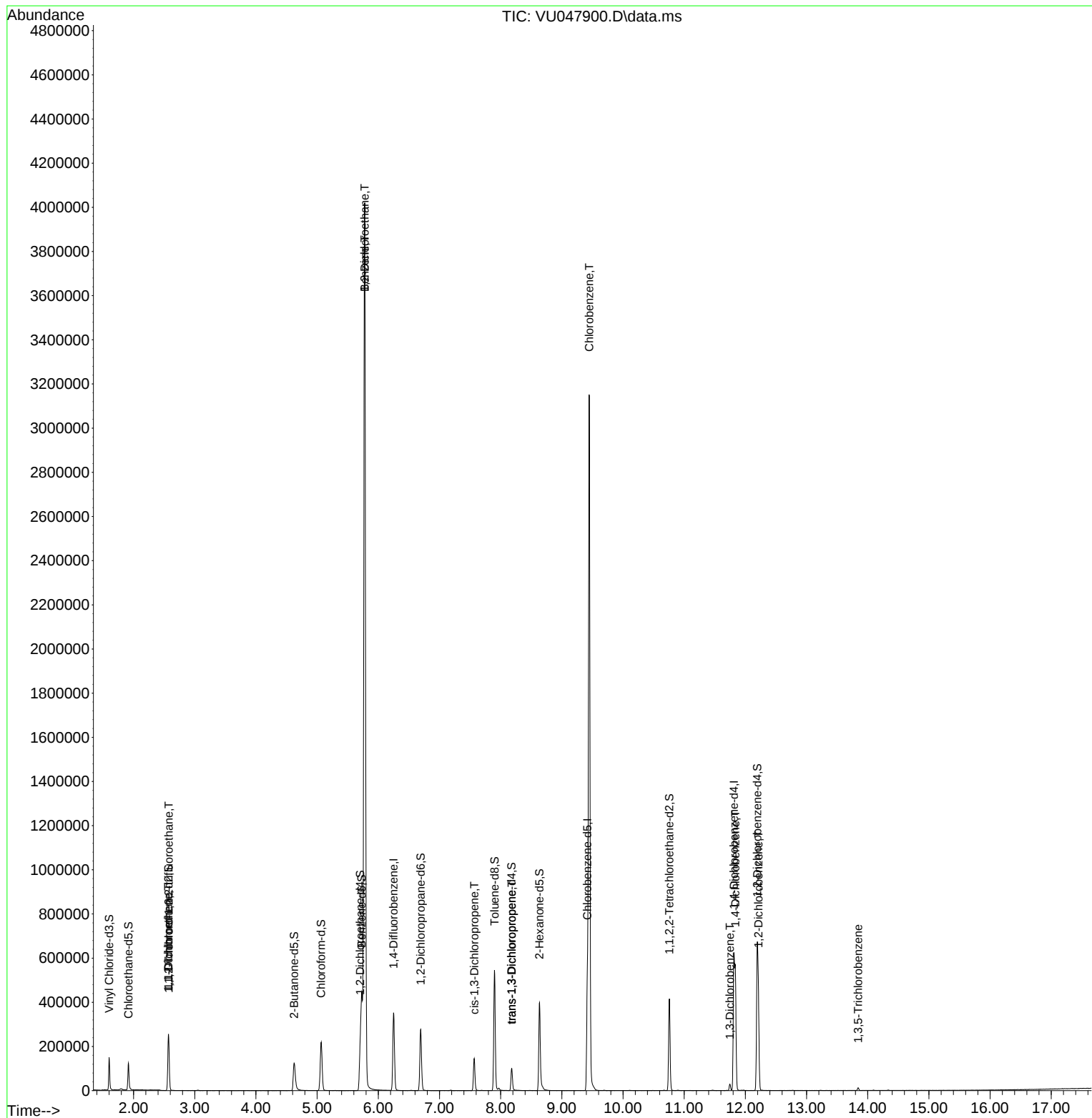
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	305035	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	311147	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	164650	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	108251	48.938	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.880%
7) Chloroethane-d5	1.916	69	94010	53.900	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.800%
11) 1,1-Dichloroethene-d2	2.572	63	144391	35.678	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.360%
21) 2-Butanone-d5	4.623	46	187596	98.807	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.810%
24) Chloroform-d	5.067	84	207309	51.220	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.440%
26) 1,2-Dichloroethane-d4	5.703	65	135028	54.395	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.800%
32) Benzene-d6	5.729	84	413841	52.858	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.720%
36) 1,2-Dichloropropane-d6	6.694	67	133160	55.381	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.760%
41) Toluene-d8	7.899	98	371823	48.744	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.480%
43) trans-1,3-Dichloroprop...	8.179	79	56434	46.328	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.660%
47) 2-Hexanone-d5	8.632	63	134979	95.895	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.890%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	207339	50.246	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.500%
66) 1,2-Dichlorobenzene-d4	12.195	152	165442	56.479	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.960%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1573	0.700	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1637	0.782	ug/L #	1
27) 1,2-Dichloroethane	5.777	62	30838	9.525	ug/L #	75
33) Benzene	5.777	78	3860363	428.632	ug/L	100
39) cis-1,3-Dichloropropene	7.568	75	3794	1.068	ug/L #	60
44) trans-1,3-Dichloropropene	8.182	75	2753	0.776	ug/L	94
51) Chlorobenzene	9.449	112	1788771	266.592	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	12811	2.590	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	221970	43.328	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	155700	31.461	ug/L	99
69) 1,3,5-Trichlorobenzene	13.841	180	4456	1.109	ug/L	95

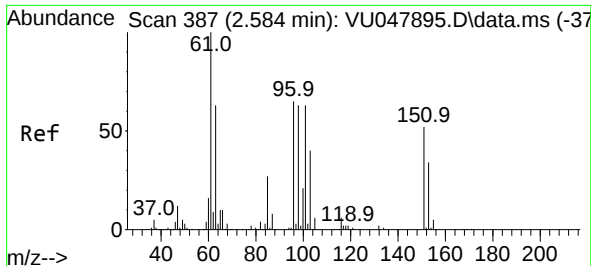
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.700 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.010 min

Lab File: VU047900.D

Acq: 11 Apr 2022 13:01

Instrument :

MSVOA_U

ClientSampleId :

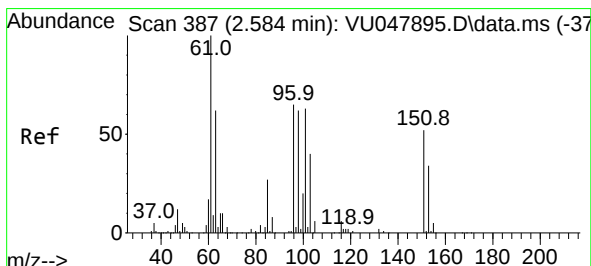
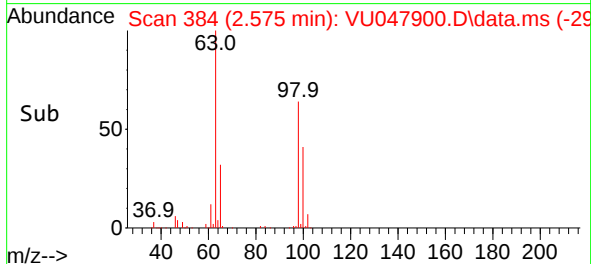
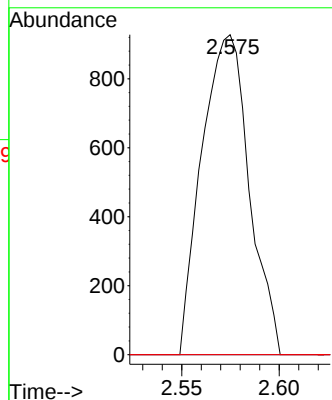
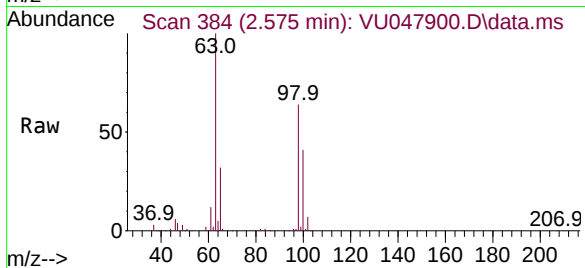
Tgt Ion:101 Resp: 1573

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: 0.782 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.016 min

Lab File: VU047900.D

Acq: 11 Apr 2022 13:01

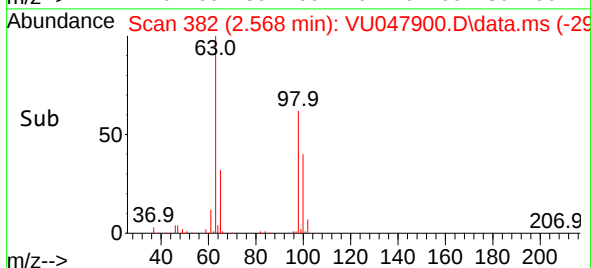
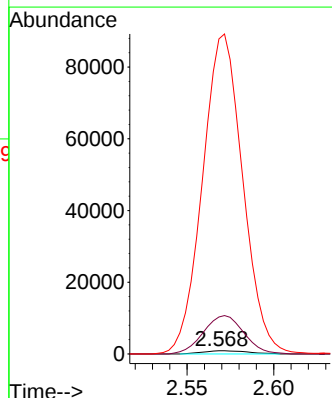
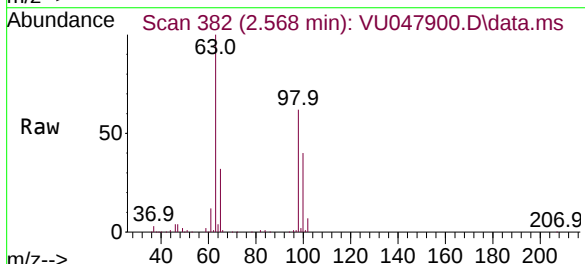
Tgt Ion: 96 Resp: 1637

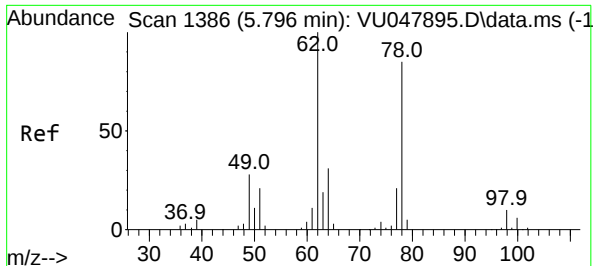
Ion Ratio Lower Upper

96 100

61 1143.7 113.1 210.1#

63 9761.8 94.8 176.0#

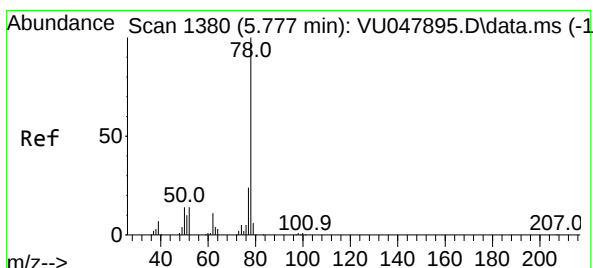
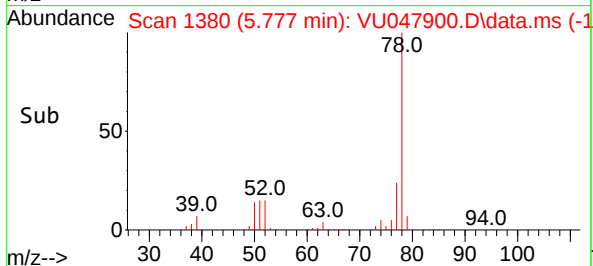
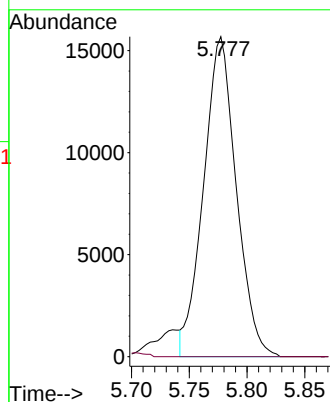
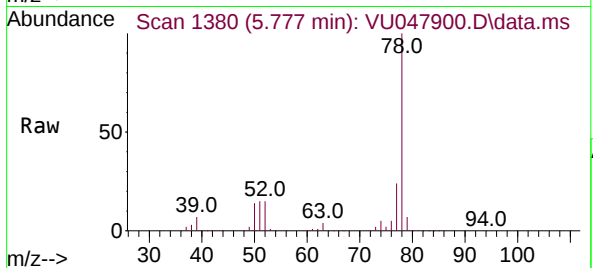




#27
1,2-Dichloroethane
Concen: 9.525 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.019 min
Lab File: VU047900.D
Acq: 11 Apr 2022 13:01

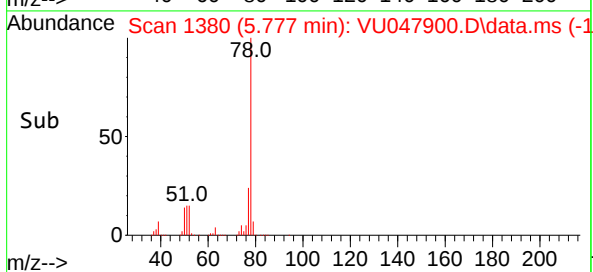
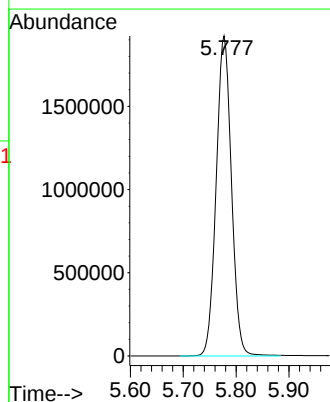
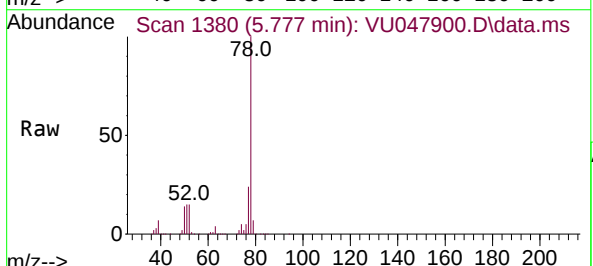
Instrument :
MSVOA_U
ClientSampleId :

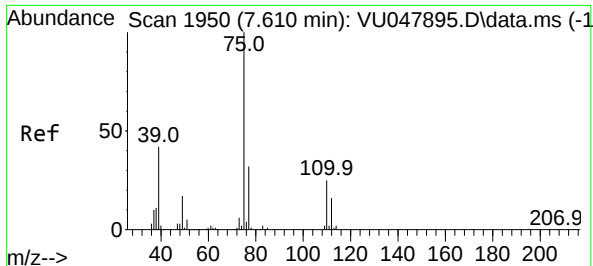
Tgt Ion: 62 Resp: 30838
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.0#



#33
Benzene
Concen: 428.632 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047900.D
Acq: 11 Apr 2022 13:01

Tgt Ion: 78 Resp: 3860363





#39

cis-1,3-Dichloropropene

Concen: 1.068 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU047900.D

Acq: 11 Apr 2022 13:01

Instrument :

MSVOA_U

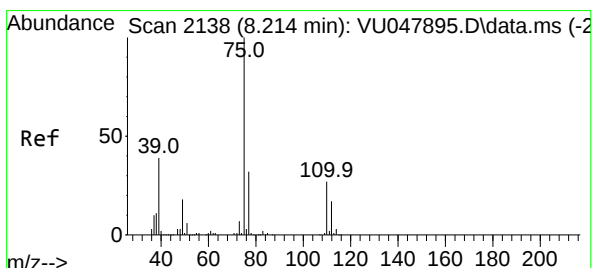
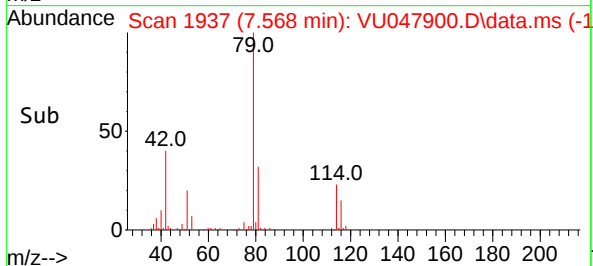
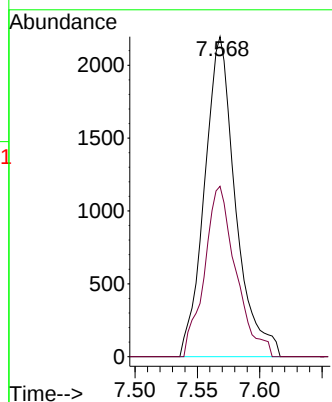
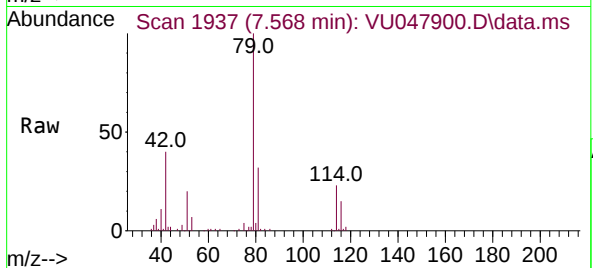
ClientSampleId :

Tgt Ion: 75 Resp: 3794

Ion Ratio Lower Upper

75 100

77 53.2 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.776 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.032 min

Lab File: VU047900.D

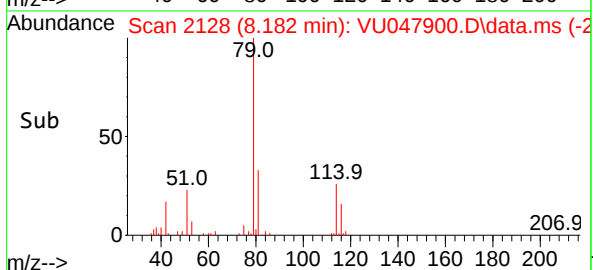
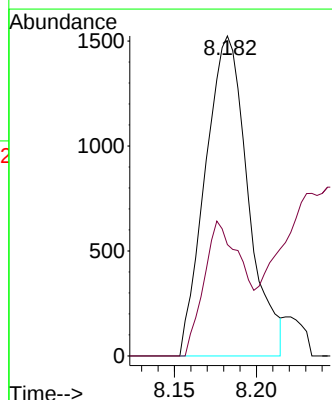
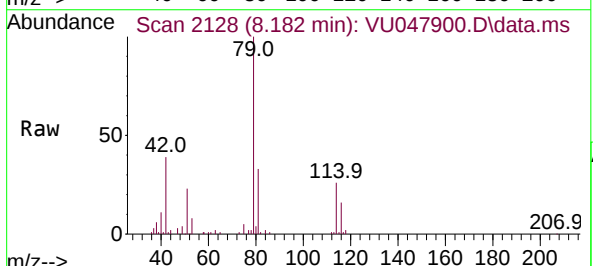
Acq: 11 Apr 2022 13:01

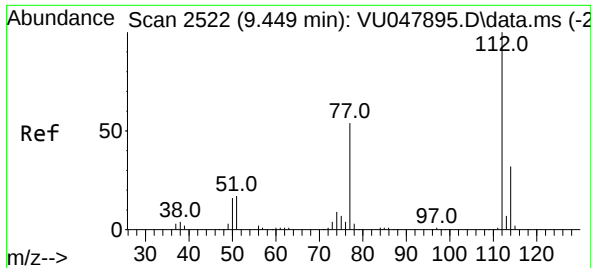
Tgt Ion: 75 Resp: 2753

Ion Ratio Lower Upper

75 100

77 34.8 22.0 40.8

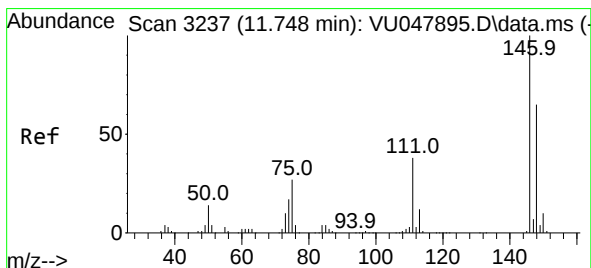
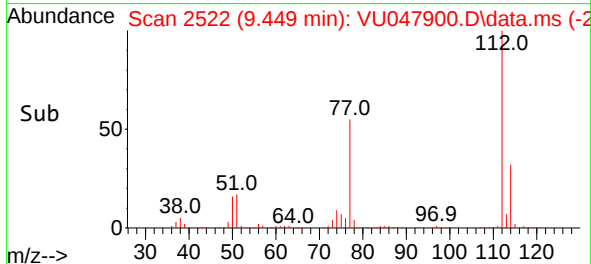
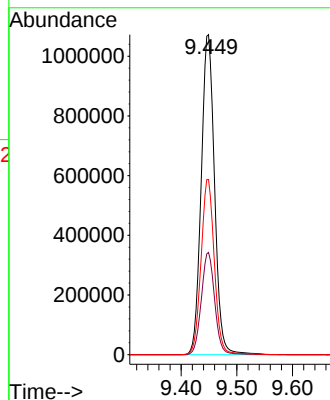
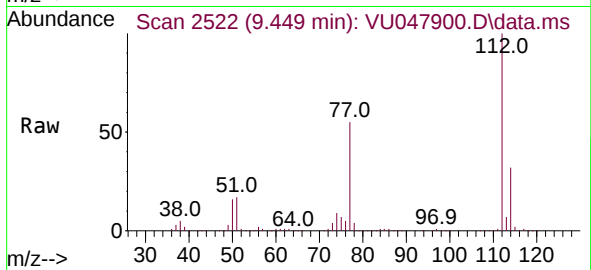




#51
Chlorobenzene
Concen: 266.592 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047900.D
Acq: 11 Apr 2022 13:01

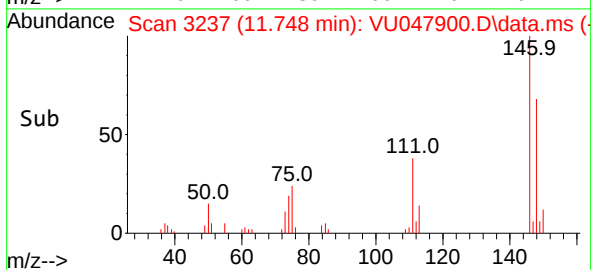
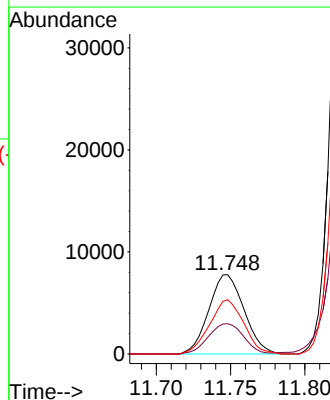
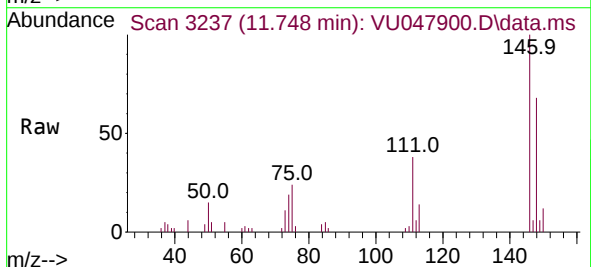
Instrument :
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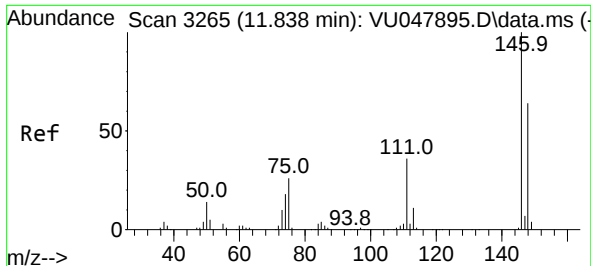
Tgt Ion:112 Resp: 1788771
Ion Ratio Lower Upper
112 100
114 31.9 22.1 41.1
77 54.7 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 2.590 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU047900.D
Acq: 11 Apr 2022 13:01

Tgt Ion:146 Resp: 12811
Ion Ratio Lower Upper
146 100
111 38.1 26.7 49.7
148 68.5 44.4 82.5

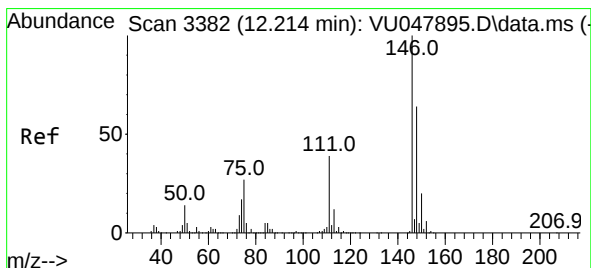
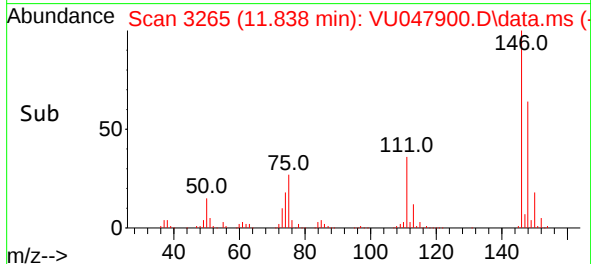
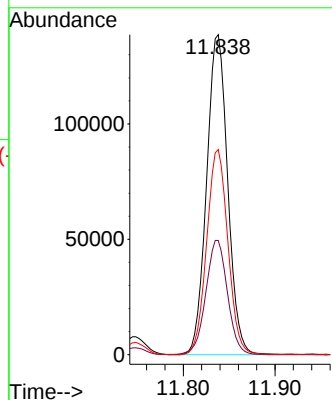
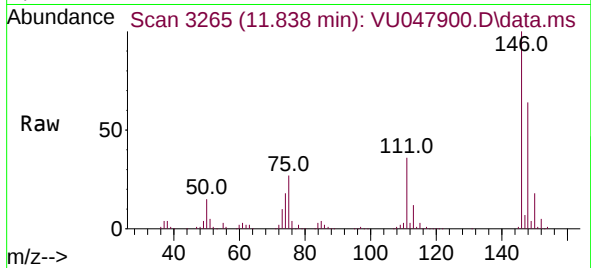




#65
1,4-Dichlorobenzene
Concen: 43.328 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047900.D
Acq: 11 Apr 2022 13:01

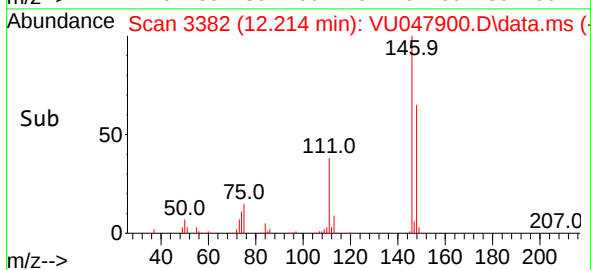
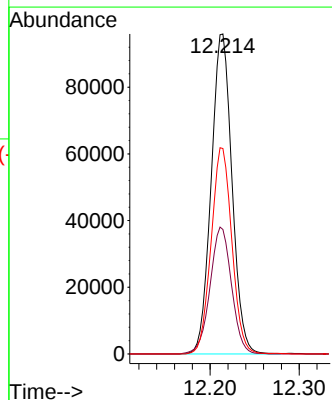
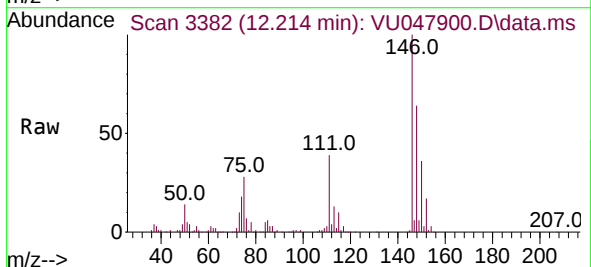
Instrument :
MSVOA_U
ClientSampleId :

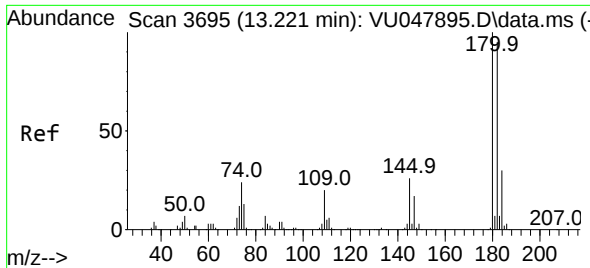
Tgt Ion:146 Resp: 221970
Ion Ratio Lower Upper
146 100
111 35.7 25.3 47.1
148 64.1 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 31.461 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU047900.D
Acq: 11 Apr 2022 13:01

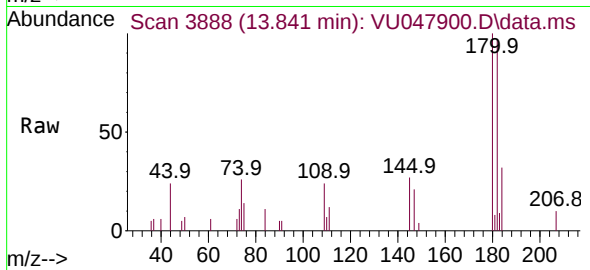
Tgt Ion:146 Resp: 155700
Ion Ratio Lower Upper
146 100
111 38.9 31.7 47.5
148 64.2 51.4 77.2





#69
 1,3,5-Trichlorobenzene
 Concen: 1.109 ug/L
 RT: 13.841 min Scan# 31
 Delta R.T. 0.621 min
 Lab File: VU047900.D
 Acq: 11 Apr 2022 13:01

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	4456
Ion	Ratio	Lower	Upper
180	100		
182	103.0	77.0	115.6
184	30.1	24.5	36.7
145	29.1	21.0	31.6

