

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
 Data File : VU047987.D
 Acq On : 13 Apr 2022 03:28
 Operator : SY/MD
 Sample : N2358-03
 Misc : 7.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

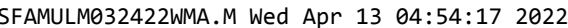
Quant Time: Apr 13 04:54:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 13 04:40:51 2022
 Response via : Initial Calibration

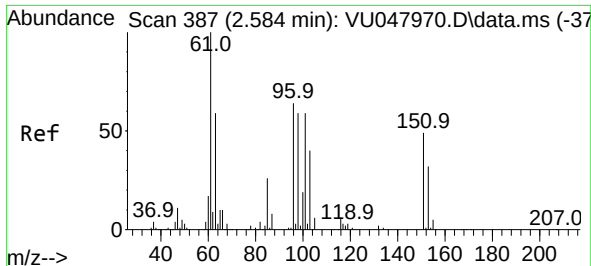
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	371406	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	383710	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	230341	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	83028	30.828	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.660%
7) Chloroethane-d5	1.903	69	79748	37.552	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.100%
11) 1,1-Dichloroethene-d2	2.565	63	113112	22.955	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	45.900%#
21) 2-Butanone-d5	4.620	46	217234	93.971	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.970%
24) Chloroform-d	5.064	84	193576	39.281	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.560%
26) 1,2-Dichloroethane-d4	5.703	65	128532	42.526	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.060%
32) Benzene-d6	5.729	84	373507	38.684	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.360%
36) 1,2-Dichloropropane-d6	6.690	67	130229	43.919	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.840%
41) Toluene-d8	7.899	98	325645	34.617	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.240%#
43) trans-1,3-Dichloroprop...	8.179	79	55000	36.612	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.220%
47) 2-Hexanone-d5	8.633	63	166048	95.659	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.660%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	239272	47.019	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.040%
66) 1,2-Dichlorobenzene-d4	12.195	152	170032	41.492	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.980%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1075	0.393	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	1103	0.433	ug/L #	1
27) 1,2-Dichloroethane	5.781	62	3760	0.954	ug/L #	87
33) Benzene	5.774	78	605584	54.525	ug/L	100
42) Toluene	7.970	91	147508	12.104	ug/L	99
51) Chlorobenzene	9.446	112	450412	54.433	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.784	83	4938	0.880	ug/L #	38
59) Bromoform	10.292	173	5437	1.846	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	51636	7.205	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	63096	9.113	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.970	75	1081733	777.698	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.841	180	7079	1.260	ug/L	99

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

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#10

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

Concen: 0.393 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.019 min

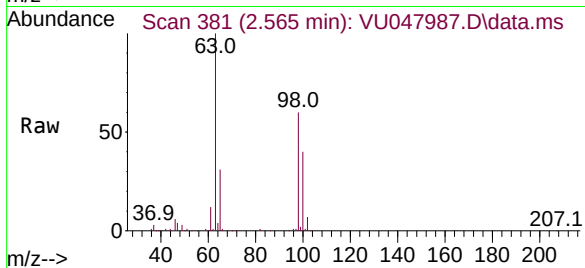
Lab File: VU047987.D

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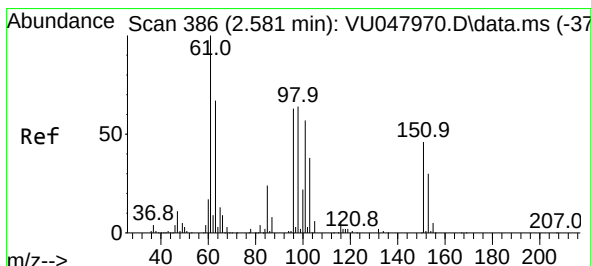
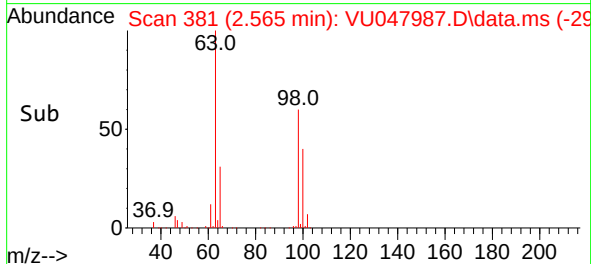
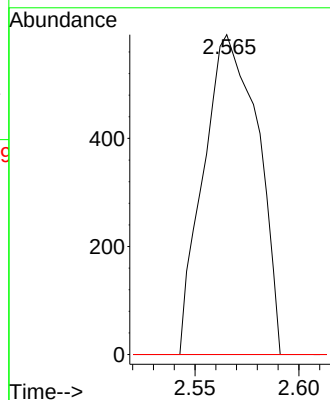
Tgt Ion:101 Resp: 1075

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: 0.433 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.016 min

Lab File: VU047987.D

Acq: 13 Apr 2022 03:28

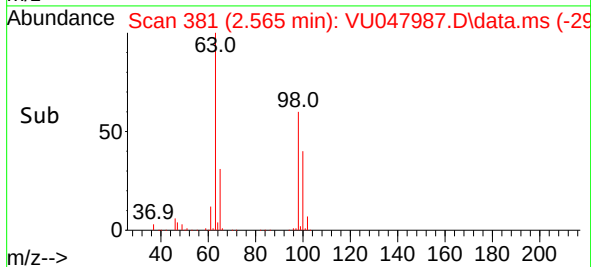
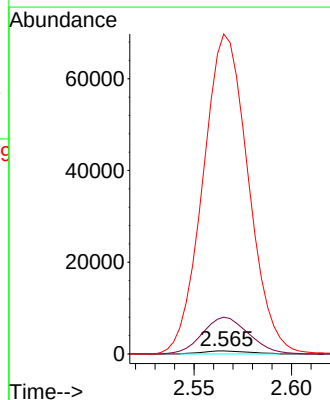
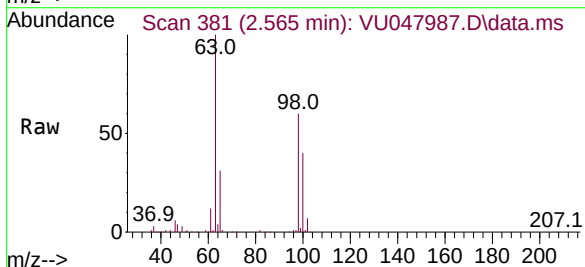
Tgt Ion: 96 Resp: 1103

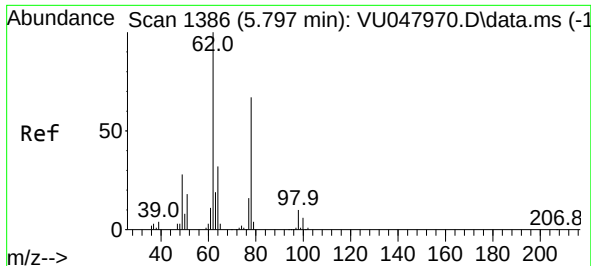
Ion Ratio Lower Upper

96 100

61 1213.9 113.1 210.1#

63 10539.0 94.8 176.0#

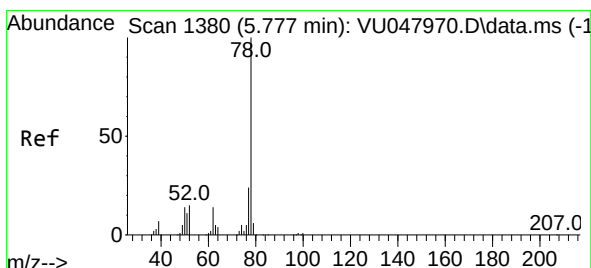
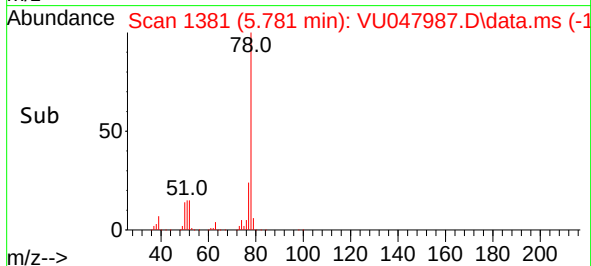
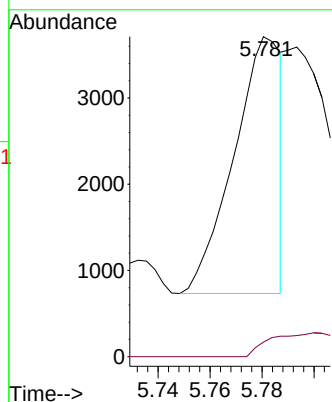
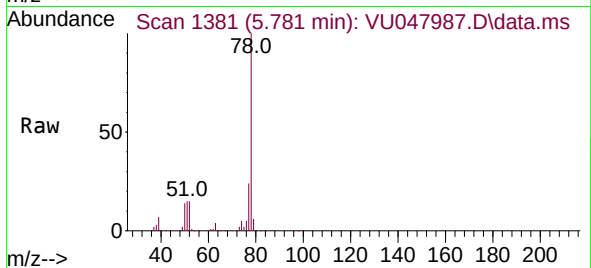




#27
1,2-Dichloroethane
Concen: 0.954 ug/L
RT: 5.781 min Scan# 1381
Delta R.T. -0.016 min
Lab File: VU047987.D
Acq: 13 Apr 2022 03:28

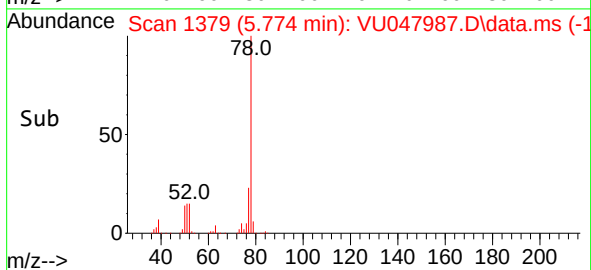
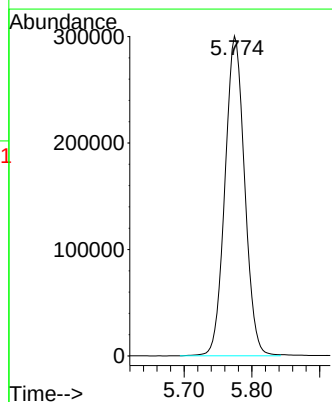
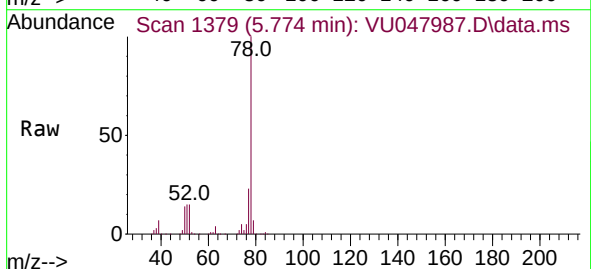
Instrument :
MSVOA_U
ClientSampleId :

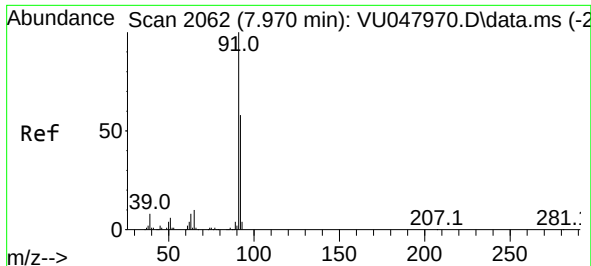
Tgt Ion: 62 Resp: 3760
Ion Ratio Lower Upper
62 100
98 4.6 7.4 11.0#



#33
Benzene
Concen: 54.525 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU047987.D
Acq: 13 Apr 2022 03:28

Tgt Ion: 78 Resp: 605584





#42

Toluene

Concen: 12.104 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047987.D

Acq: 13 Apr 2022 03:28

Instrument :

MSVOA_U

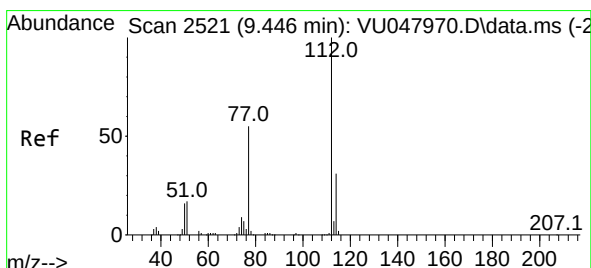
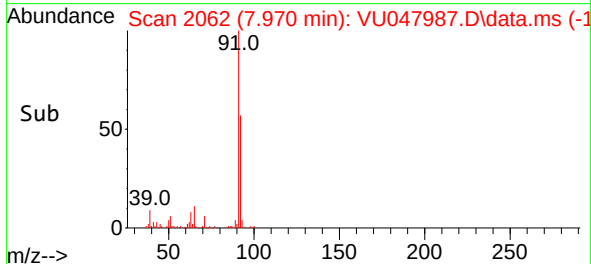
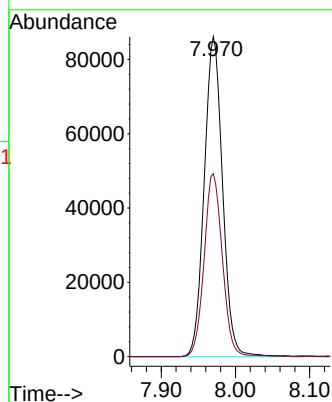
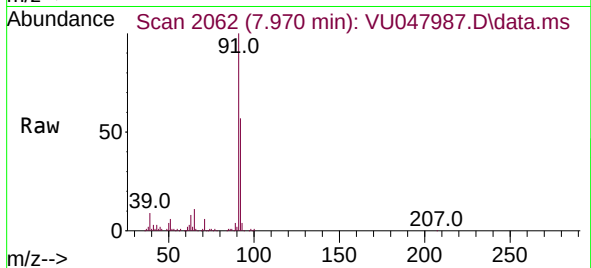
ClientSampleId :

Tgt Ion: 91 Resp: 147508

Ion Ratio Lower Upper

91 100

92 57.2 40.4 75.0



#51

Chlorobenzene

Concen: 54.433 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU047987.D

Acq: 13 Apr 2022 03:28

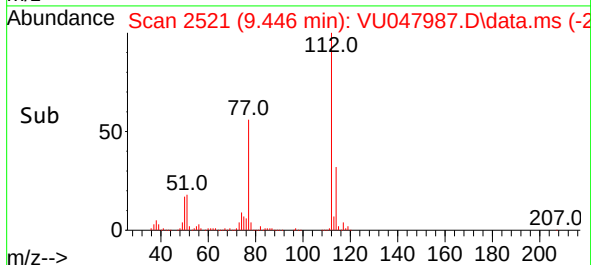
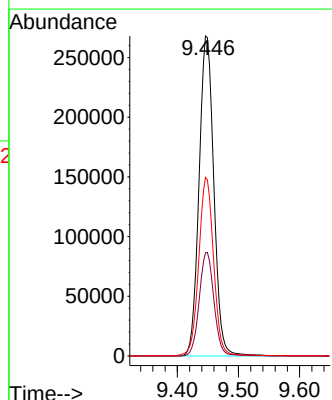
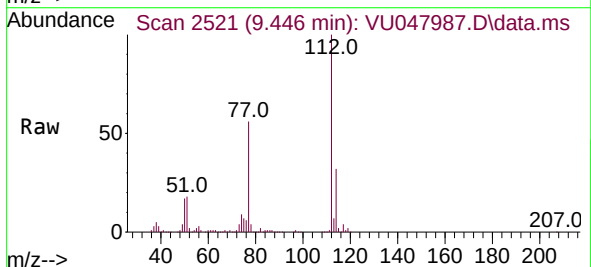
Tgt Ion: 112 Resp: 450412

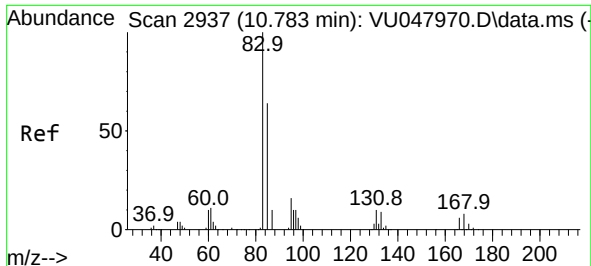
Ion Ratio Lower Upper

112 100

114 32.3 22.1 41.1

77 55.8 43.4 65.0

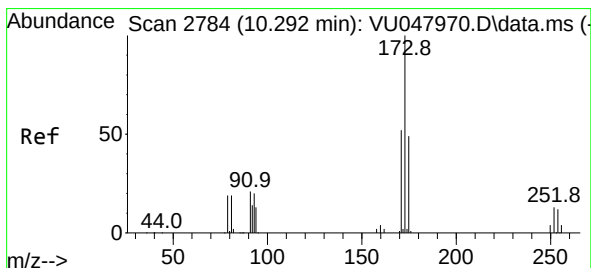
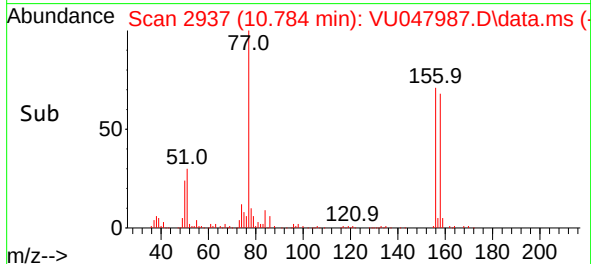
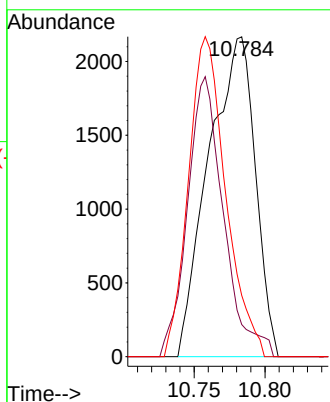
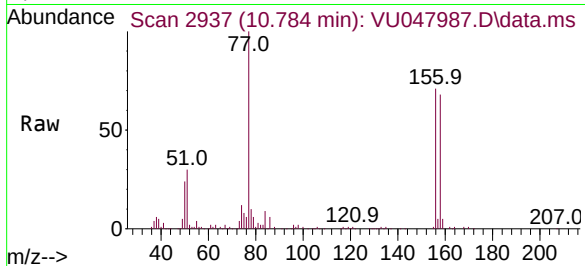




#57
 1,1,2,2-Tetrachloroethane
 Concen: 0.880 ug/L
 RT: 10.784 min Scan# 2937
 Delta R.T. 0.000 min
 Lab File: VU047987.D
 Acq: 13 Apr 2022 03:28

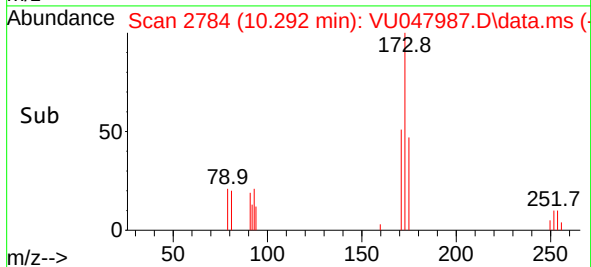
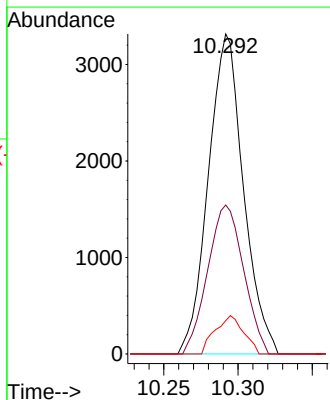
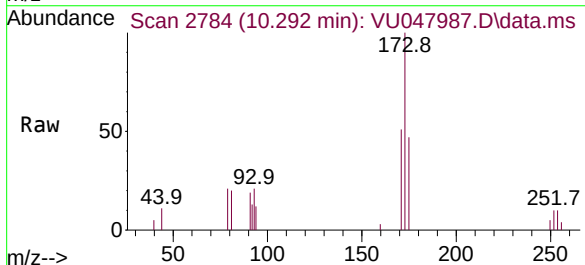
Instrument :
 MSVOA_U
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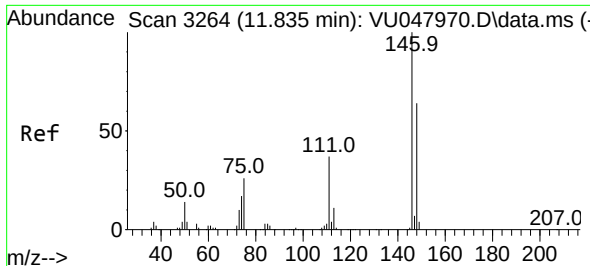
Tgt Ion: 83 Resp: 4938
 Ion Ratio Lower Upper
 83 100
 85 10.1 44.9 83.3#
 131 19.2 8.6 13.0#



#59
 Bromoform
 Concen: 1.846 ug/L
 RT: 10.292 min Scan# 2784
 Delta R.T. 0.000 min
 Lab File: VU047987.D
 Acq: 13 Apr 2022 03:28

Tgt Ion: 173 Resp: 5437
 Ion Ratio Lower Upper
 173 100
 175 47.6 38.7 58.1
 254 9.7 9.6 14.4

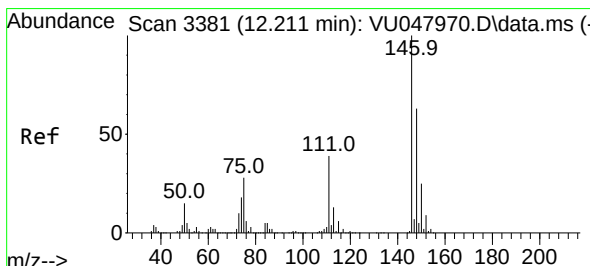
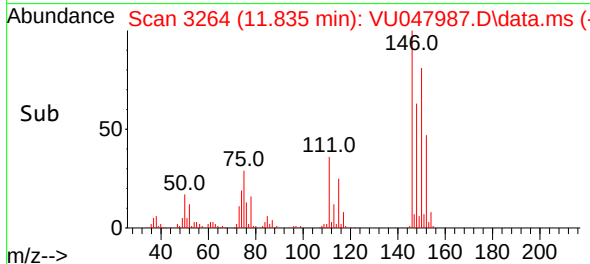
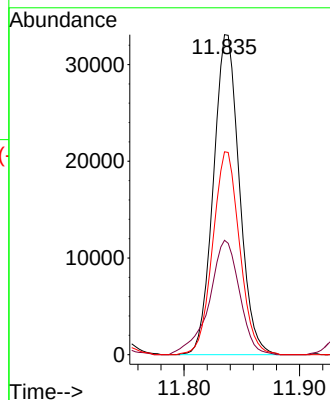
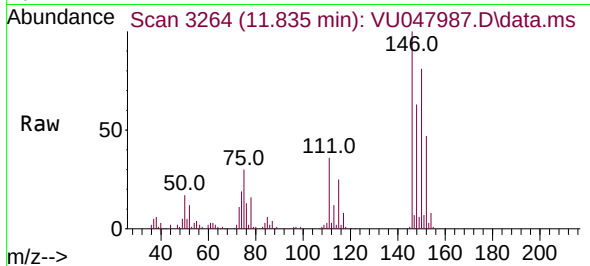




#65
1,4-Dichlorobenzene
Concen: 7.205 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047987.D
Acq: 13 Apr 2022 03:28

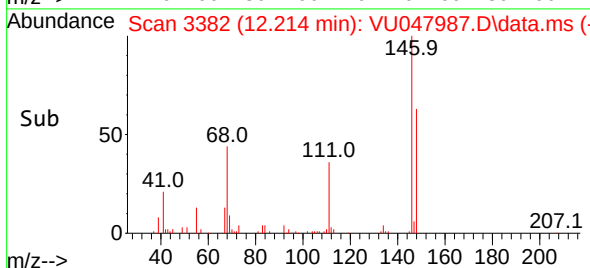
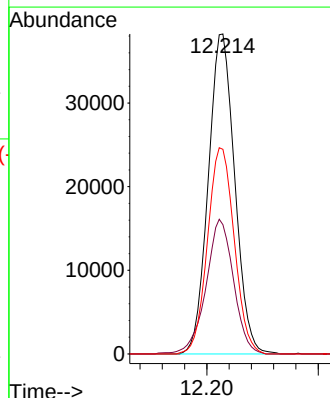
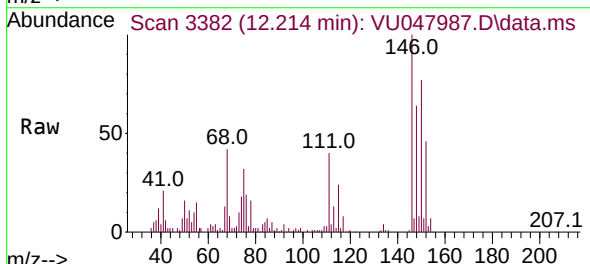
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MSVOA_U
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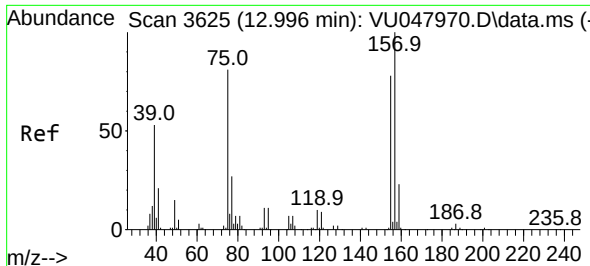
Tgt Ion:146 Resp: 51636
Ion Ratio Lower Upper
146 100
111 35.8 25.3 47.1
148 63.4 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 9.113 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU047987.D
Acq: 13 Apr 2022 03:28

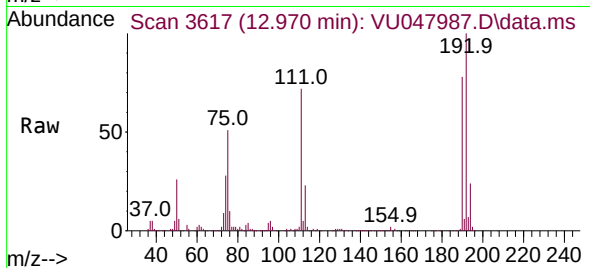
Tgt Ion:146 Resp: 63096
Ion Ratio Lower Upper
146 100
111 40.4 31.7 47.5
148 63.9 51.4 77.2



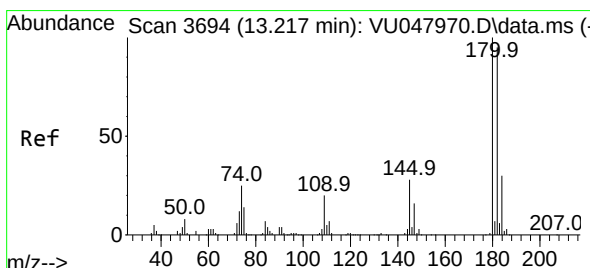
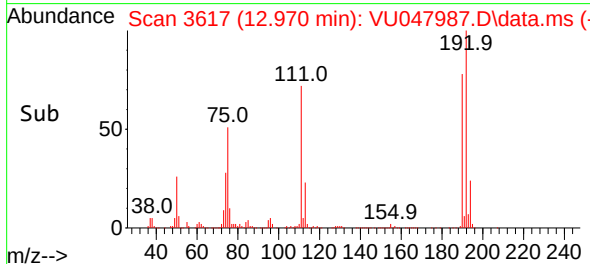
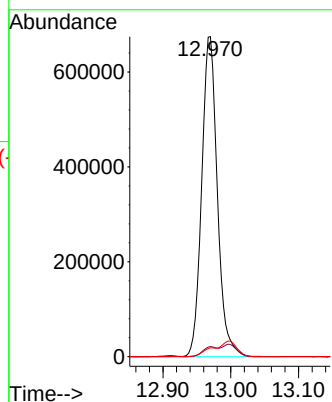


#68
 1,2-Dibromo-3-chloropropane
 Concen: 777.698 ug/L
 RT: 12.970 min Scan# 30
 Delta R.T. -0.026 min
 Lab File: VU047987.D
 Acq: 13 Apr 2022 03:28

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 1081733
 Ion Ratio Lower Upper
 75 100
 155 3.1 78.9 118.3#
 157 2.7 97.5 146.3#



#69
 1,3,5-Trichlorobenzene
 Concen: 1.260 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.624 min
 Lab File: VU047987.D
 Acq: 13 Apr 2022 03:28

Tgt Ion:180 Resp: 7079
 Ion Ratio Lower Upper
 180 100
 182 95.2 77.0 115.6
 184 31.7 24.5 36.7
 145 27.1 21.0 31.6

