

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047933.D
 Acq On : 12 Apr 2022 02:05
 Operator : SY/MD
 Sample : N2293-08ME
 Misc : 6.28g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

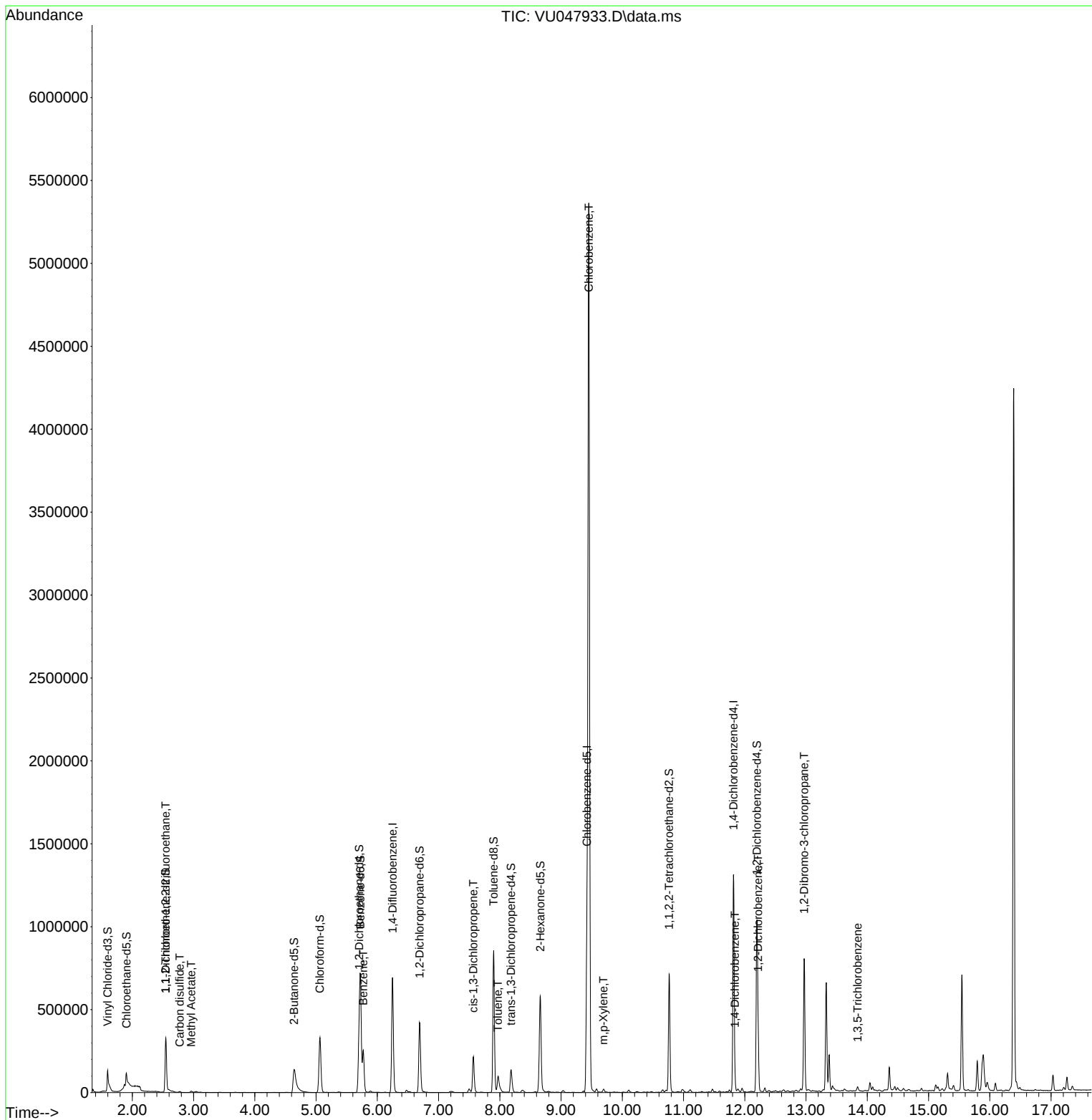
Quant Time: Apr 12 05:07:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 12 04:48:51 2022
 Response via : Initial Calibration

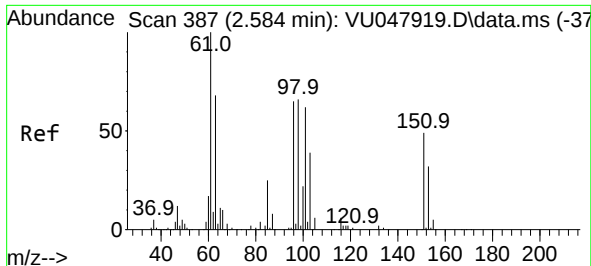
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	611692	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	642469	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	358404	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	147152	33.174	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	66.340%		
7) Chloroethane-d5	1.903	69	104483	29.873	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	59.740%#		
11) 1,1-Dichloroethene-d2	2.546	63	206998	25.506	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	51.020%#		
21) 2-Butanone-d5	4.642	46	318947	83.772	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.770%		
24) Chloroform-d	5.063	84	319274	39.337	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.680%		
26) 1,2-Dichloroethane-d4	5.703	65	211096	42.407	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.820%		
32) Benzene-d6	5.723	84	648575	40.119	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.240%		
36) 1,2-Dichloropropane-d6	6.690	67	213727	43.048	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.100%		
41) Toluene-d8	7.899	98	590996	37.522	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	75.040%#		
43) trans-1,3-Dichloroprop...	8.182	79	93827	37.303	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.600%		
47) 2-Hexanone-d5	8.661	63	251041	86.375	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.370%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	341156	40.039	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.080%		
66) 1,2-Dichlorobenzene-d4	12.198	152	263103	41.262	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.520%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.546	101	1974	0.438	ug/L #	18
14) Carbon disulfide	2.774	76	7588	0.572	ug/L	100
15) Methyl Acetate	2.961	43	10621	1.880	ug/L	92
33) Benzene	5.771	78	248302	13.352	ug/L	100
39) cis-1,3-Dichloropropene	7.568	75	5255	0.716	ug/L #	51
42) Toluene	7.970	91	69272	3.395	ug/L	99
51) Chlorobenzene	9.452	112	3247987	234.434	ug/L	98
53) m,p-Xylene	9.693	106	5732	0.681	ug/L	86
65) 1,4-Dichlorobenzene	11.841	146	20176	1.809	ug/L	97
67) 1,2-Dichlorobenzene	12.217	146	121367	11.266	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.970	75	118261	54.643	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.841	180	6867	0.785	ug/L	98

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

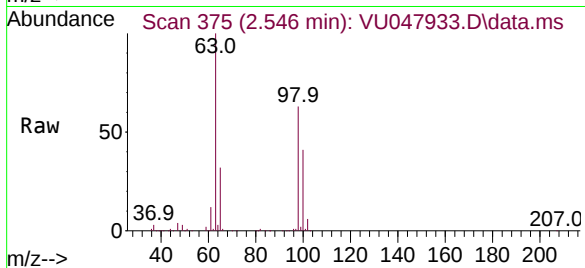
Quant Time: Apr 12 05:07:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
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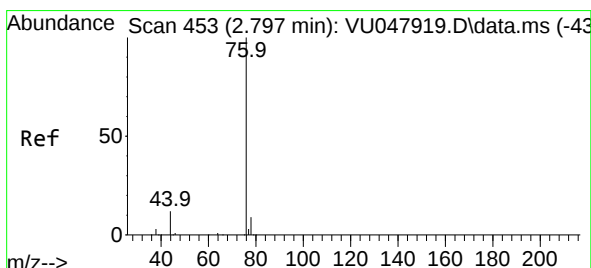
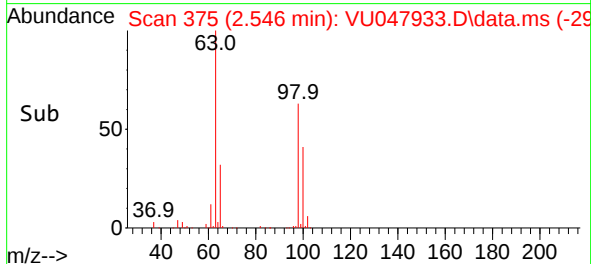
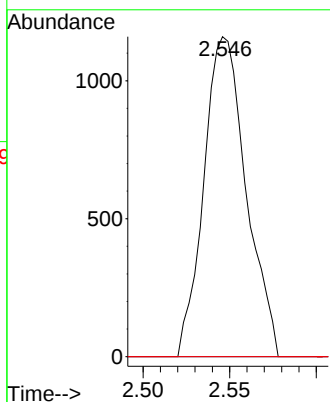


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.438 ug/L
 RT: 2.546 min Scan# 31
 Delta R.T. -0.039 min
 Lab File: VU047933.D
 Acq: 12 Apr 2022 02:05

Instrument :
 MSVOA_U
 ClientSampleId :

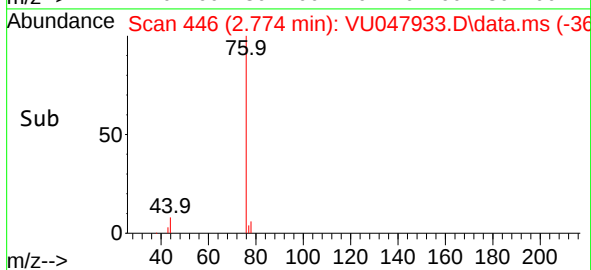
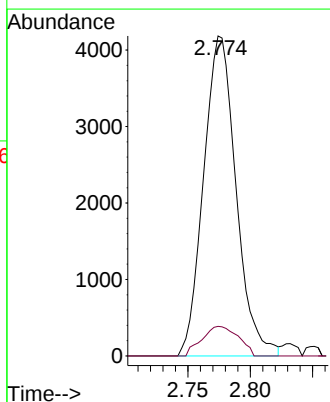
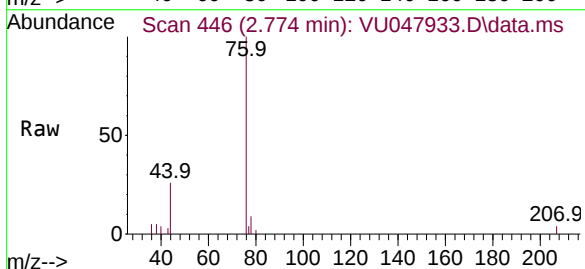


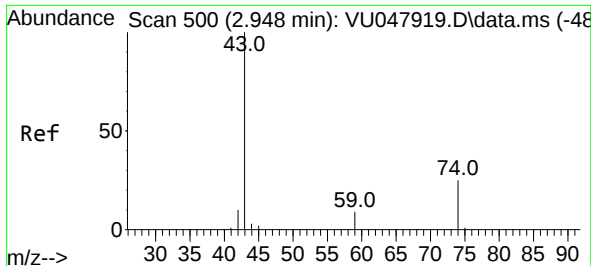
Tgt Ion: 101 Resp: 1974
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#14
 Carbon disulfide
 Concen: 0.572 ug/L
 RT: 2.774 min Scan# 446
 Delta R.T. -0.022 min
 Lab File: VU047933.D
 Acq: 12 Apr 2022 02:05

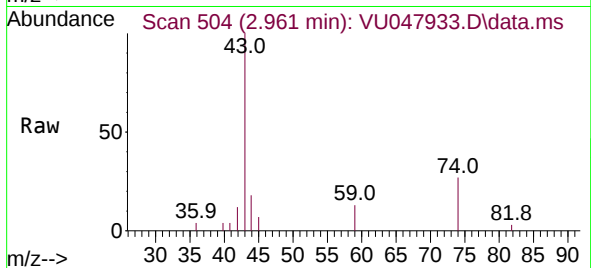
Tgt Ion: 76 Resp: 7588
 Ion Ratio Lower Upper
 76 100
 78 9.2 7.4 11.0



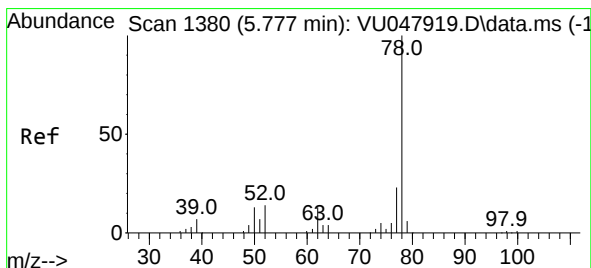
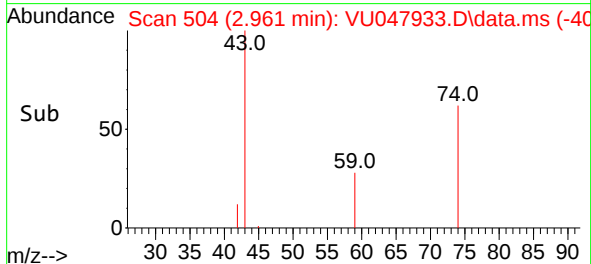
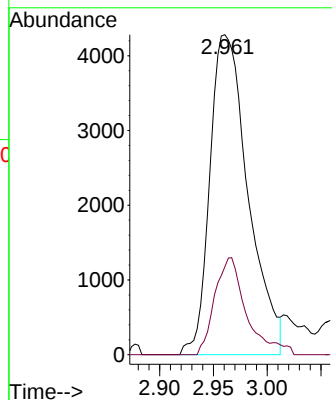


#15
Methyl Acetate
Concen: 1.880 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.013 min
Lab File: VU047933.D
Acq: 12 Apr 2022 02:05

Instrument :
MSVOA_U
ClientSampleId :

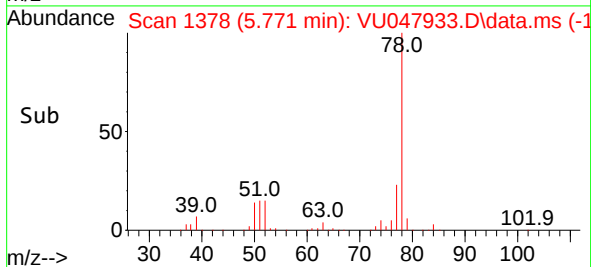
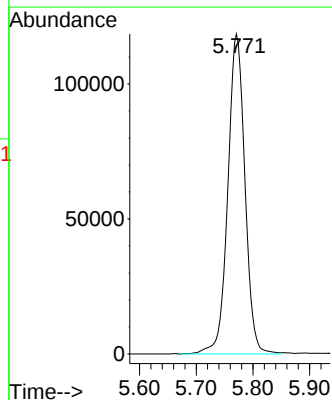
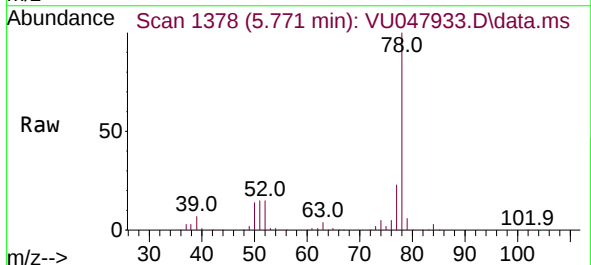


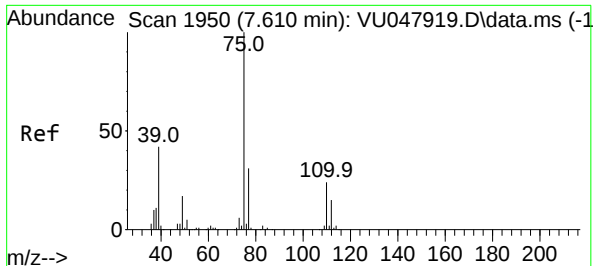
Tgt Ion: 43 Resp: 10621
Ion Ratio Lower Upper
43 100
74 23.6 22.2 33.2



#33
Benzene
Concen: 13.352 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VU047933.D
Acq: 12 Apr 2022 02:05

Tgt Ion: 78 Resp: 248302





#39

cis-1,3-Dichloropropene

Concen: 0.716 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

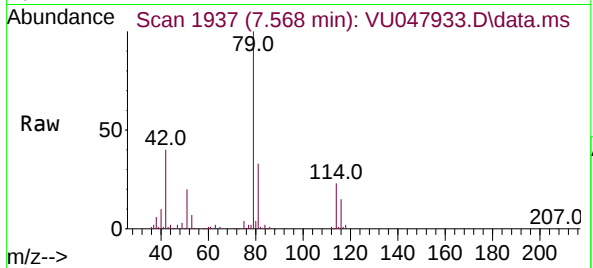
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Acq: 12 Apr 2022 02:05

Instrument :

MSVOA_U

ClientSampleId :

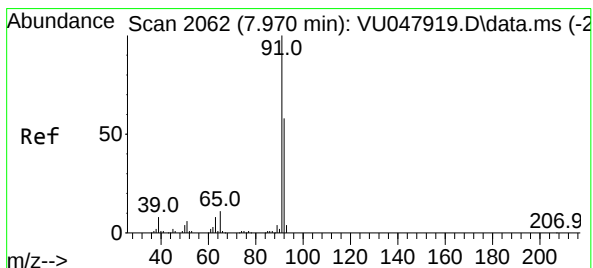
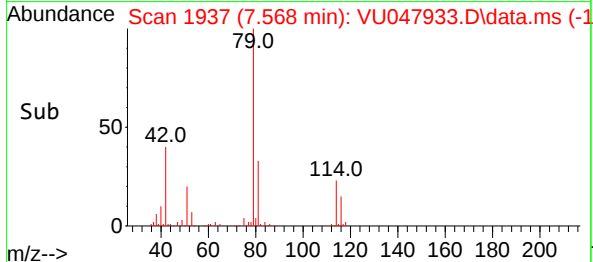
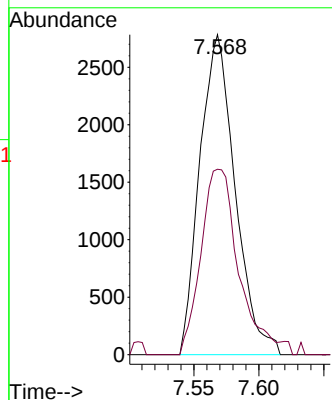


Tgt Ion: 75 Resp: 5255

Ion Ratio Lower Upper

75 100

77 57.9 21.8 40.6#



#42

Toluene

Concen: 3.395 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047933.D

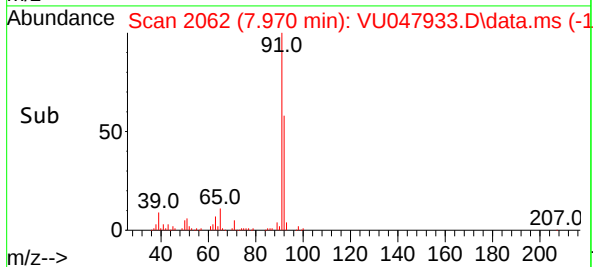
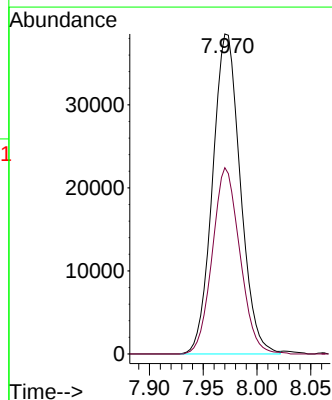
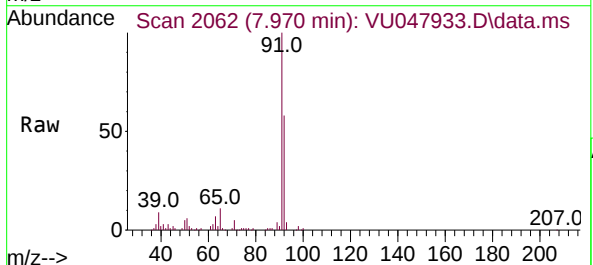
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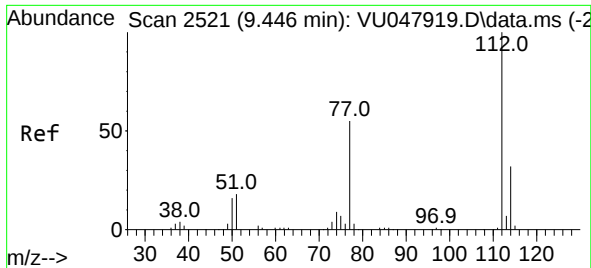
Tgt Ion: 91 Resp: 69272

Ion Ratio Lower Upper

91 100

92 58.2 40.4 75.0

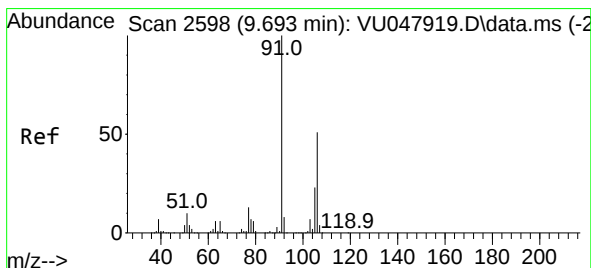
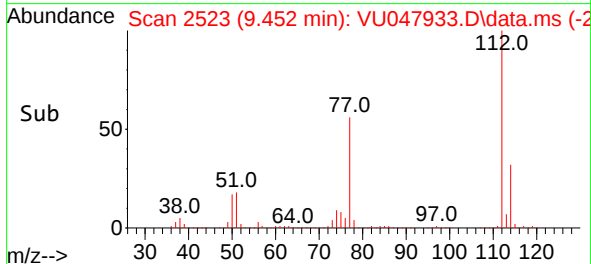
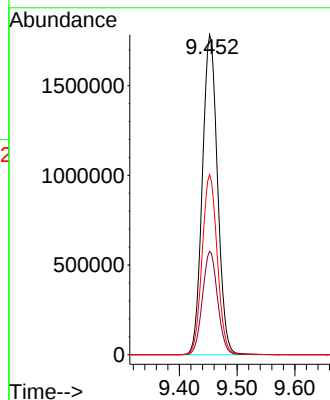
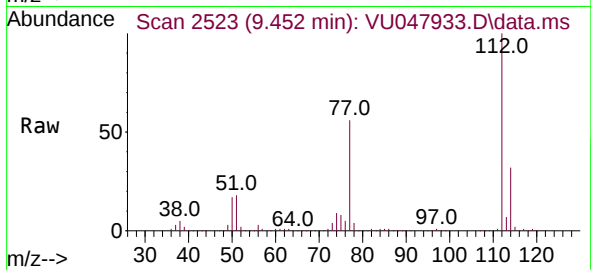




#51
Chlorobenzene
Concen: 234.434 ug/L
RT: 9.452 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU047933.D
Acq: 12 Apr 2022 02:05

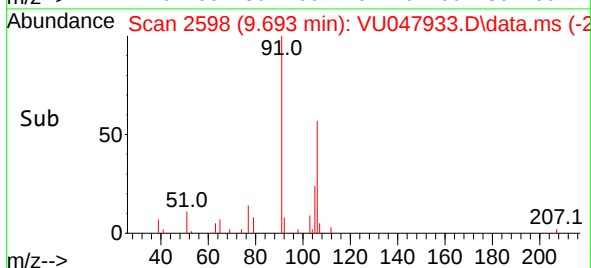
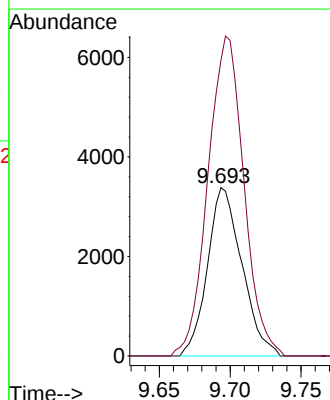
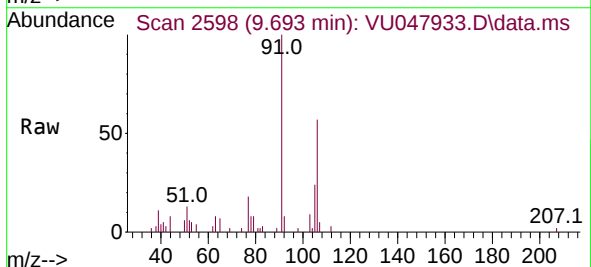
Instrument :
MSVOA_U
ClientSampleId :

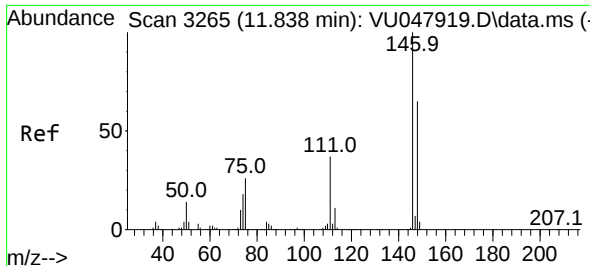
Tgt Ion:112 Resp: 3247987
Ion Ratio Lower Upper
112 100
114 32.3 22.1 41.1
77 56.2 43.4 65.0



#53
m,p-Xylene
Concen: 0.681 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU047933.D
Acq: 12 Apr 2022 02:05

Tgt Ion:106 Resp: 5732
Ion Ratio Lower Upper
106 100
91 175.8 137.7 255.7

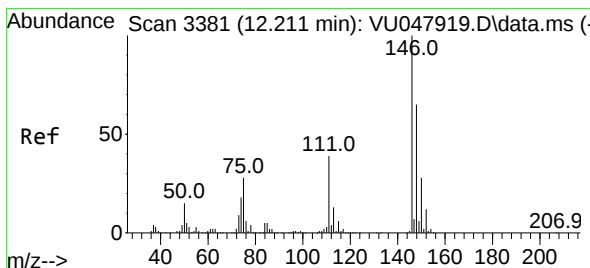
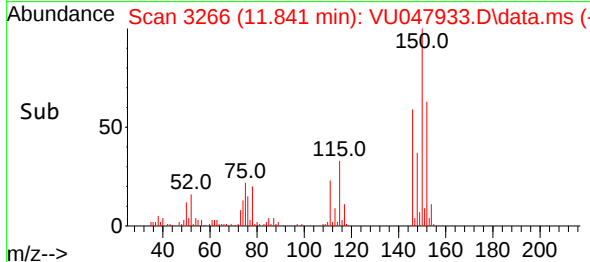
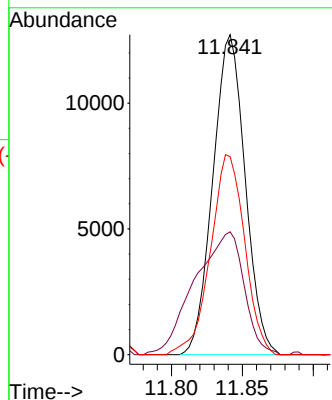
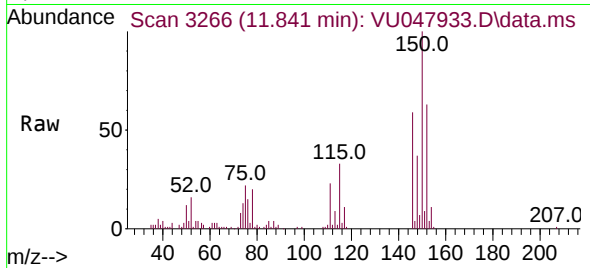




#65
1,4-Dichlorobenzene
Concen: 1.809 ug/L
RT: 11.841 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047933.D
Acq: 12 Apr 2022 02:05

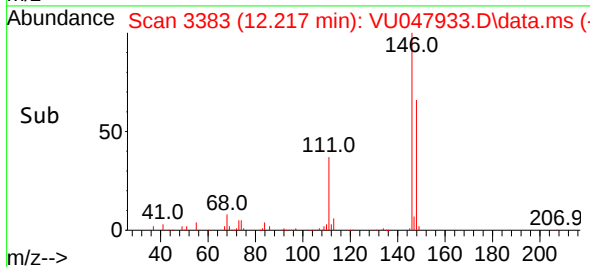
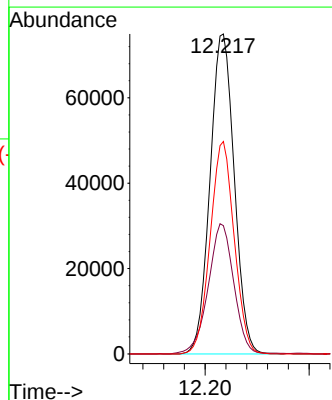
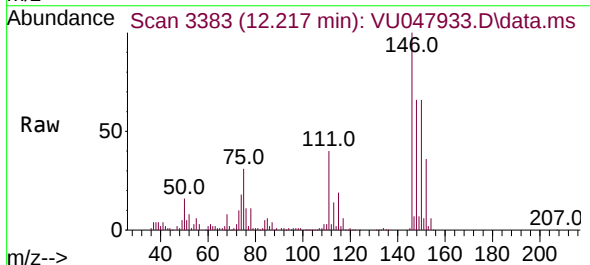
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MSVOA_U
ClientSampleId :

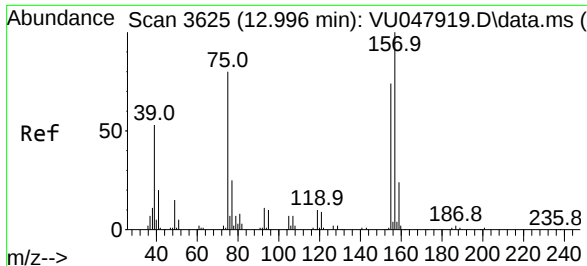
Tgt Ion:146 Resp: 20176
Ion Ratio Lower Upper
146 100
111 38.4 25.3 47.1
148 61.9 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 11.266 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.006 min
Lab File: VU047933.D
Acq: 12 Apr 2022 02:05

Tgt Ion:146 Resp: 121367
Ion Ratio Lower Upper
146 100
111 40.1 31.7 47.5
148 66.4 51.4 77.2





#68

1,2-Dibromo-3-chloropropane

Concen: 54.643 ug/L

RT: 12.970 min Scan# 3

Delta R.T. -0.026 min

Lab File: VU047933.D

Acq: 12 Apr 2022 02:05

Instrument :

MSVOA_U

ClientSampleId :

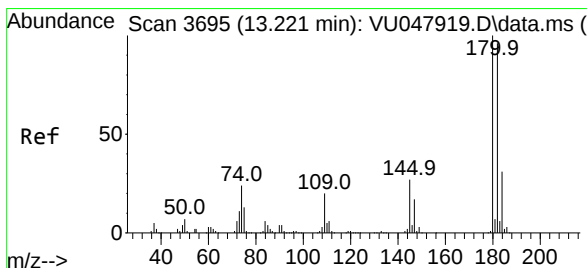
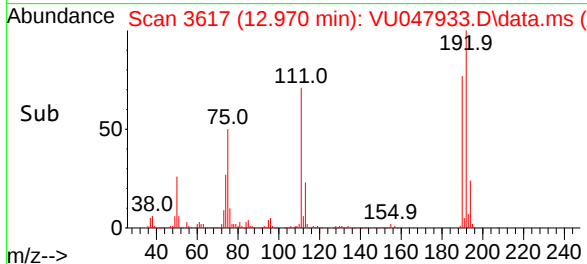
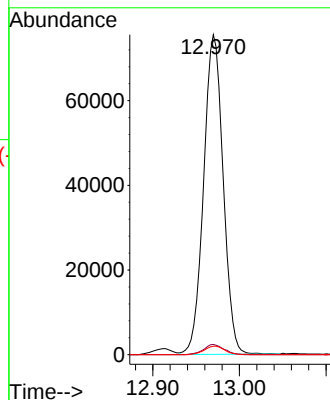
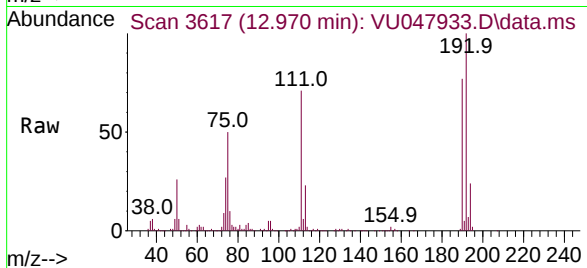
Tgt Ion: 75 Resp: 118261

Ion Ratio Lower Upper

75 100

155 3.2 78.9 118.3#

157 2.7 97.5 146.3#



#69

1,3,5-Trichlorobenzene

Concen: 0.785 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.621 min

Lab File: VU047933.D

Acq: 12 Apr 2022 02:05

Tgt Ion:180 Resp: 6867

Ion Ratio Lower Upper

180 100

182 95.8 77.0 115.6

184 29.3 24.5 36.7

145 29.4 21.0 31.6

