

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047925.D
 Acq On : 11 Apr 2022 23:00
 Operator : SY/MD
 Sample : N2293-09ME
 Misc : 6.11g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 05:06:12 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)

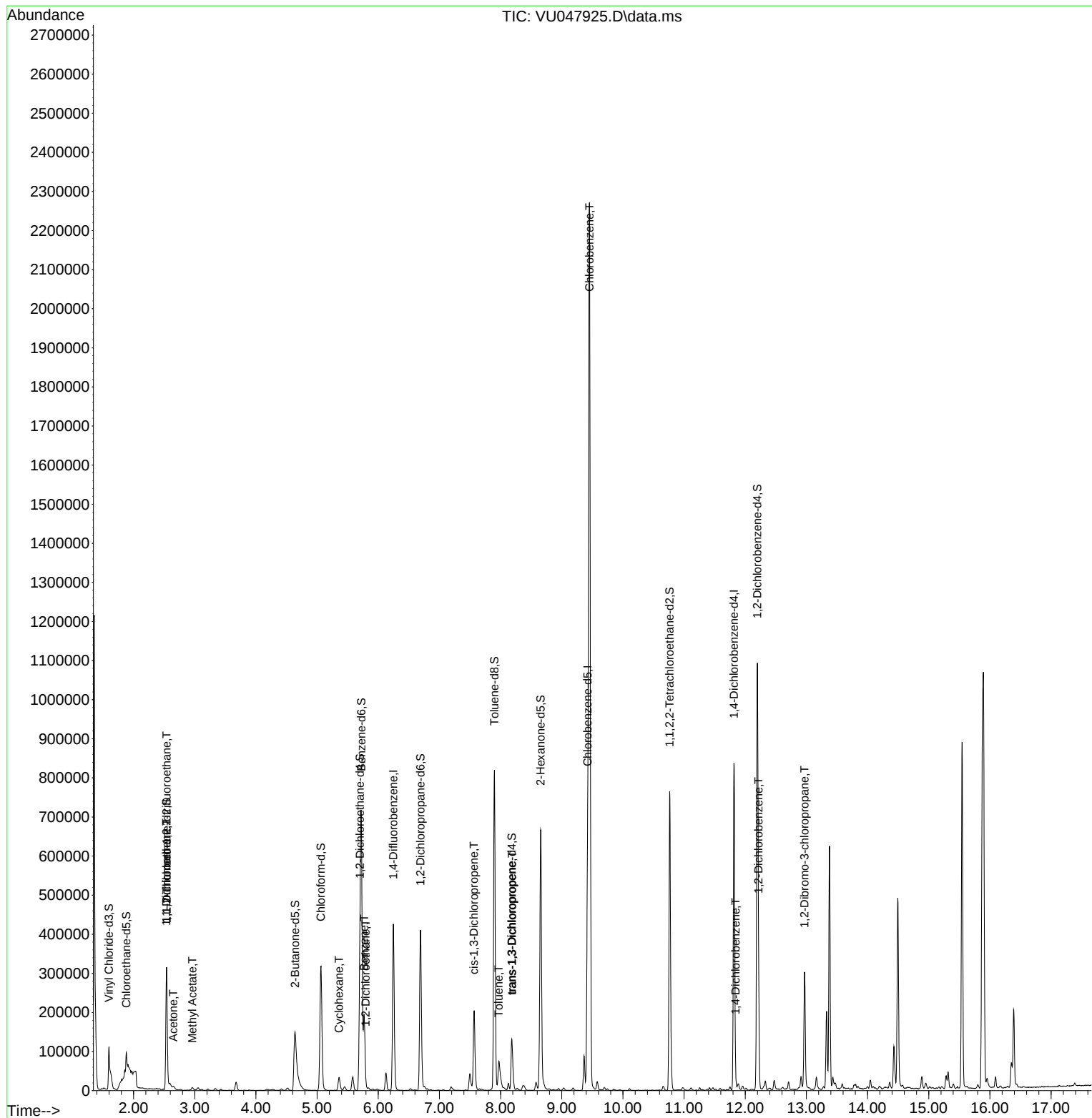
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	374867	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	408486	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	236335	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	143637	52.839	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 105.680%			
7) Chloroethane-d5	1.880	69	80620	37.612	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 75.220%			
11) 1,1-Dichloroethene-d2	2.539	63	203117	40.839	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.680%			
21) 2-Butanone-d5	4.639	46	318196	136.374	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 136.370%#			
24) Chloroform-d	5.063	84	312424	62.812	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 125.620%#			
26) 1,2-Dichloroethane-d4	5.700	65	207746	68.099	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 136.200%#			
32) Benzene-d6	5.722	84	637968	62.067	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 124.140%			
36) 1,2-Dichloropropane-d6	6.690	67	210904	66.812	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 133.620%#			
41) Toluene-d8	7.899	98	576548	57.572	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 115.140%			
43) trans-1,3-Dichloroprop...	8.182	79	89655	56.061	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 112.120%			
47) 2-Hexanone-d5	8.655	63	263954	142.839	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 142.840%#			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	369250	68.160	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 136.320%#			
66) 1,2-Dichlorobenzene-d4	12.198	152	284293	67.614	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 135.220%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.539	101	1866	0.675	ug/L #	18
12) 1,1-Dichloroethene	2.536	96	1462	0.569	ug/L #	1
13) Acetone	2.649	43	9828	4.526	ug/L	93
15) Methyl Acetate	2.961	43	7522	2.172	ug/L #	80
27) 1,2-Dichloroethane	5.793	62	5977	1.502	ug/L	97
29) Cyclohexane	5.359	56	8295	2.001	ug/L #	36
33) Benzene	5.771	78	189667	16.041	ug/L	100
39) cis-1,3-Dichloropropene	7.562	75	5161	1.107	ug/L #	60
42) Toluene	7.970	91	49814	3.840	ug/L	95
44) trans-1,3-Dichloropropene	8.185	75	3781	0.812	ug/L #	79
51) Chlorobenzene	9.452	112	1385306	157.263	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	8768	1.192	ug/L	93
67) 1,2-Dichlorobenzene	12.217	146	57421	8.083	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.970	75	46436	32.538	ug/L #	1

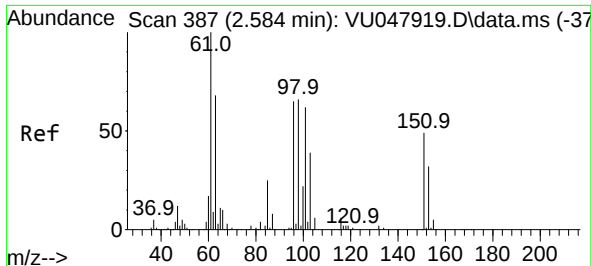
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

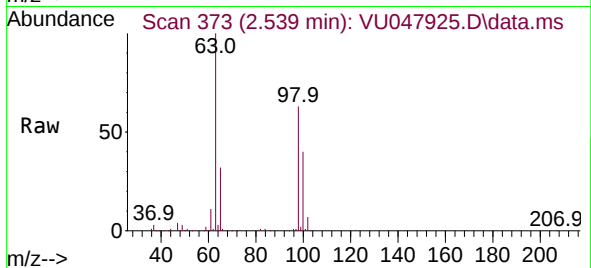
Quant Time: Apr 12 05:06:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
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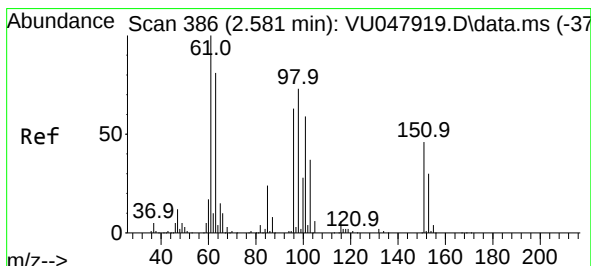
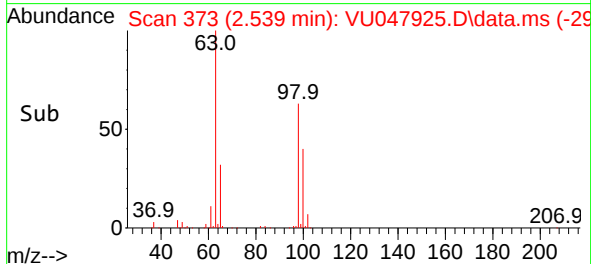
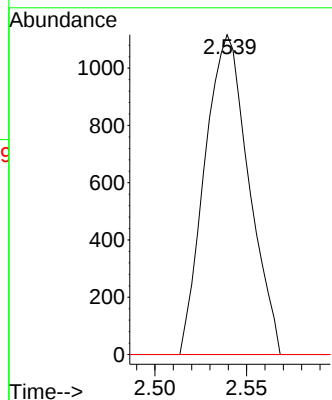


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.675 ug/L
 RT: 2.539 min Scan# 31
 Delta R.T. -0.045 min
 Lab File: VU047925.D
 Acq: 11 Apr 2022 23:00

Instrument :
 MSVOA_U
 ClientSampleId :

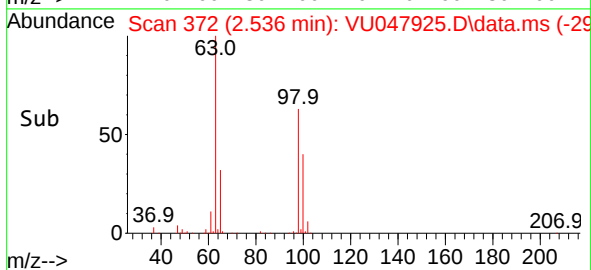
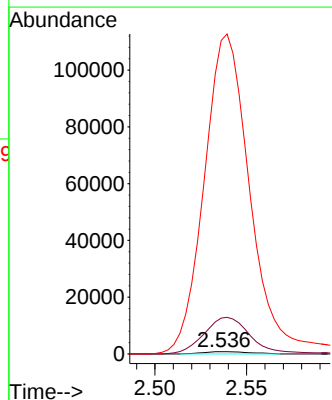
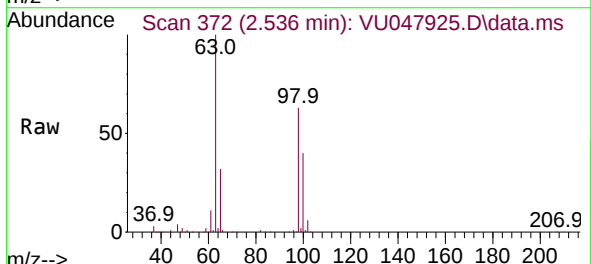


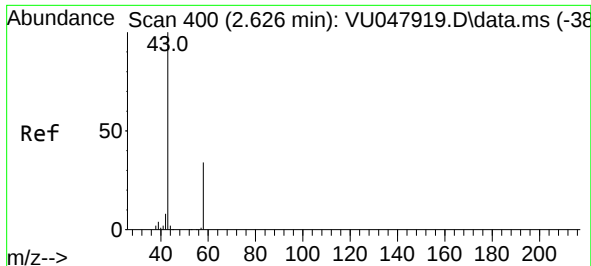
Tgt Ion:101 Resp: 1866
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.569 ug/L
 RT: 2.536 min Scan# 372
 Delta R.T. -0.045 min
 Lab File: VU047925.D
 Acq: 11 Apr 2022 23:00

Tgt Ion: 96 Resp: 1462
 Ion Ratio Lower Upper
 96 100
 61 1551.8 113.1 210.1#
 63 13563.6 94.8 176.0#





#13

Acetone

Concen: 4.526 ug/L

RT: 2.649 min Scan# 407

Delta R.T. 0.022 min

Lab File: VU047925.D

Acq: 11 Apr 2022 23:00

Instrument :

MSVOA_U

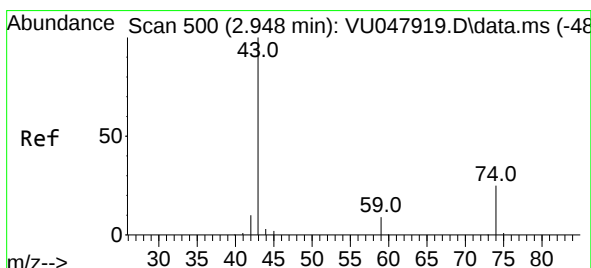
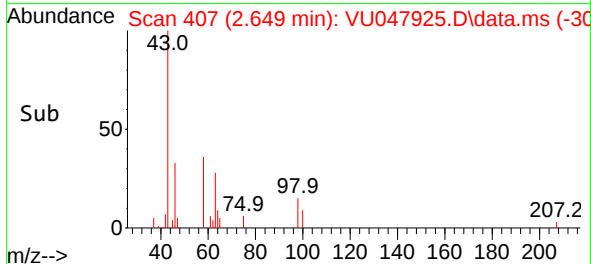
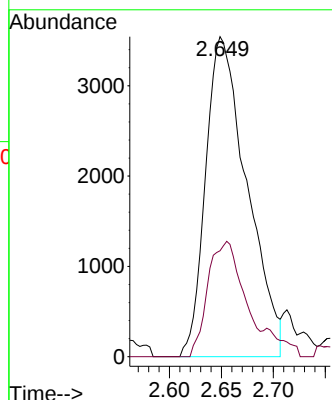
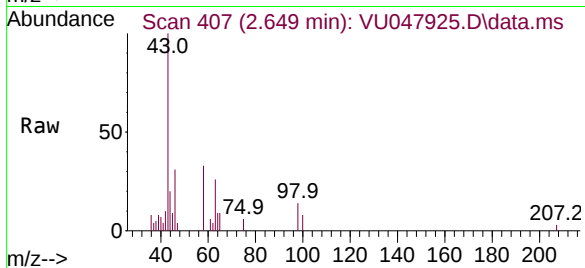
ClientSampleId :

Tgt Ion: 43 Resp: 9828

Ion Ratio Lower Upper

43 100

58 30.7 0.0 70.0



#15

Methyl Acetate

Concen: 2.172 ug/L

RT: 2.961 min Scan# 504

Delta R.T. 0.013 min

Lab File: VU047925.D

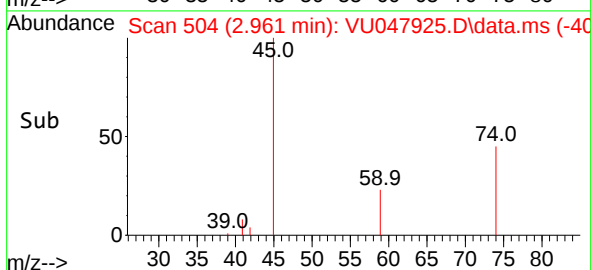
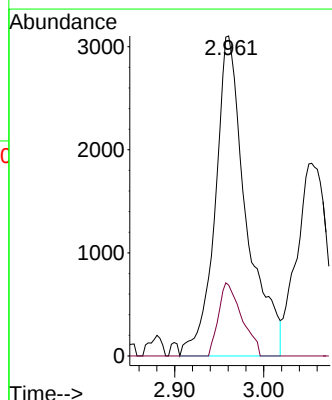
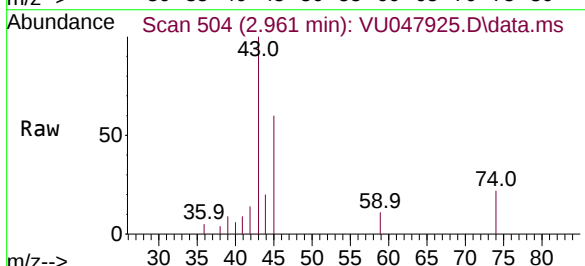
Acq: 11 Apr 2022 23:00

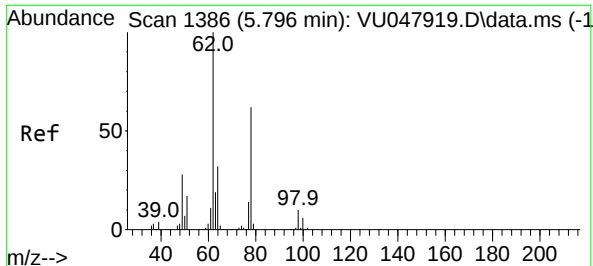
Tgt Ion: 43 Resp: 7522

Ion Ratio Lower Upper

43 100

74 17.0 22.2 33.2#





#27

1,2-Dichloroethane

Concen: 1.502 ug/L

RT: 5.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047925.D

Acq: 11 Apr 2022 23:00

Instrument :

MSVOA_U

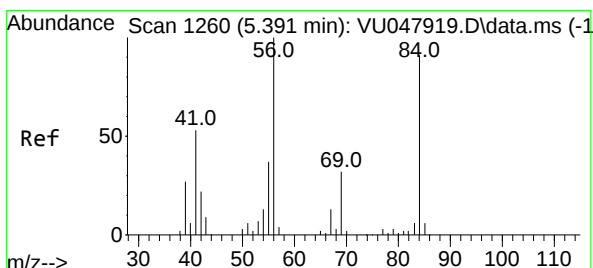
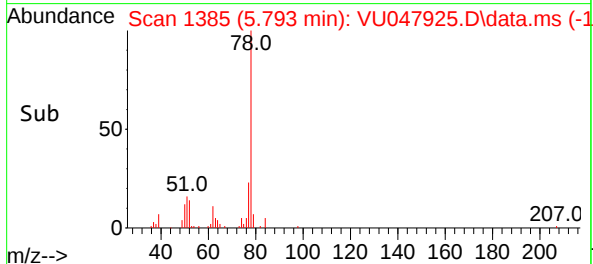
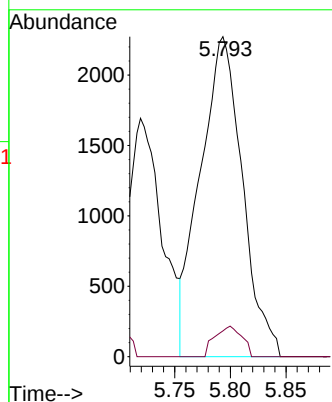
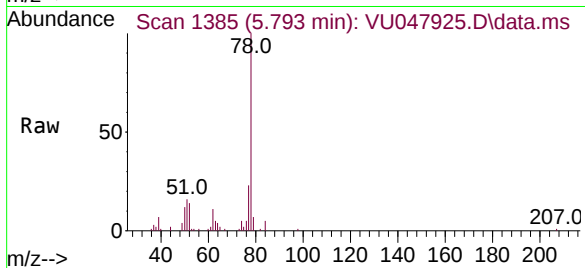
ClientSampleId :

Tgt Ion: 62 Resp: 5977

Ion Ratio Lower Upper

62 100

98 8.1 7.4 11.0



#29

Cyclohexane

Concen: 2.001 ug/L

RT: 5.359 min Scan# 1250

Delta R.T. -0.032 min

Lab File: VU047925.D

Acq: 11 Apr 2022 23:00

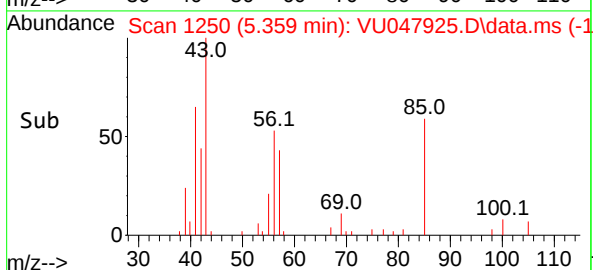
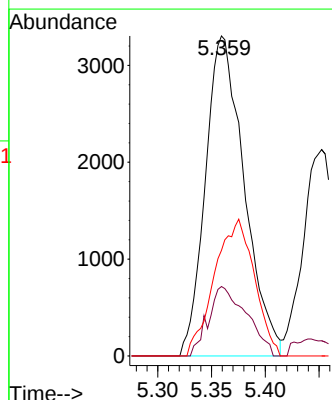
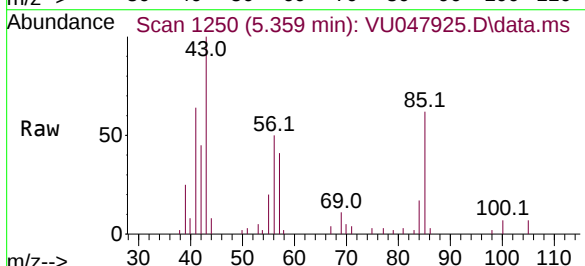
Tgt Ion: 56 Resp: 8295

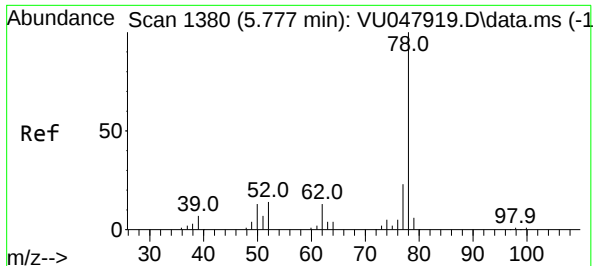
Ion Ratio Lower Upper

56 100

69 18.7 25.4 38.2#

84 21.0 77.0 115.6#





#33

Benzene

Concen: 16.041 ug/L

RT: 5.771 min Scan# 1380

Delta R.T. -0.006 min

Lab File: VU047925.D

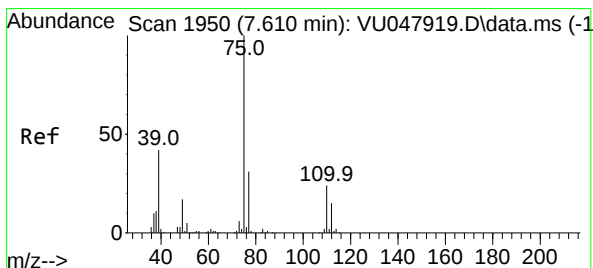
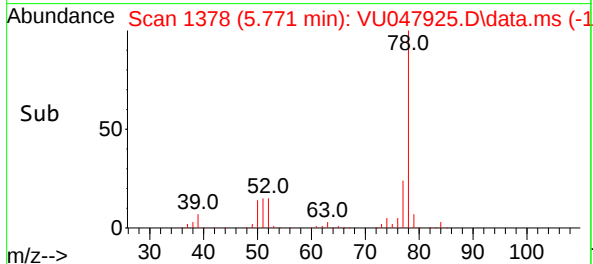
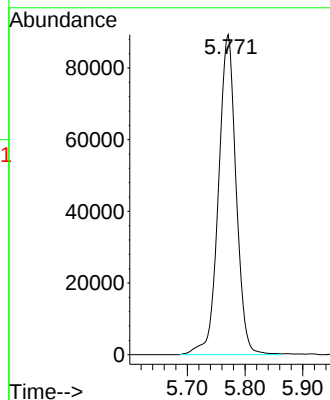
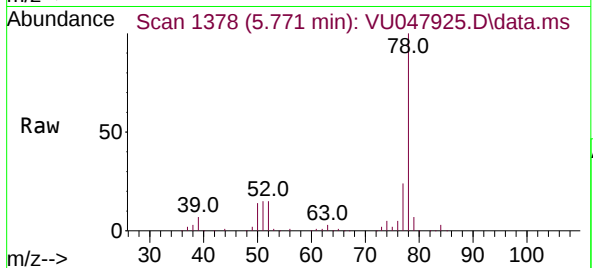
Acq: 11 Apr 2022 23:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 189667



#39

cis-1,3-Dichloropropene

Concen: 1.107 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.048 min

Lab File: VU047925.D

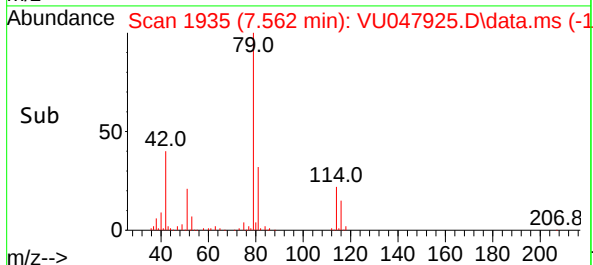
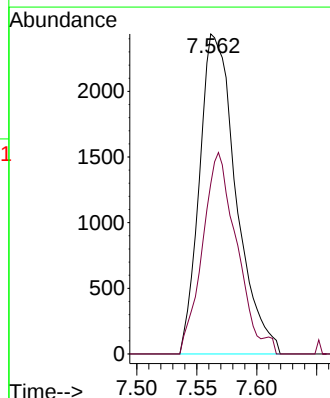
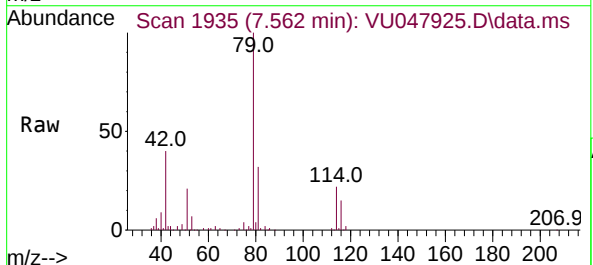
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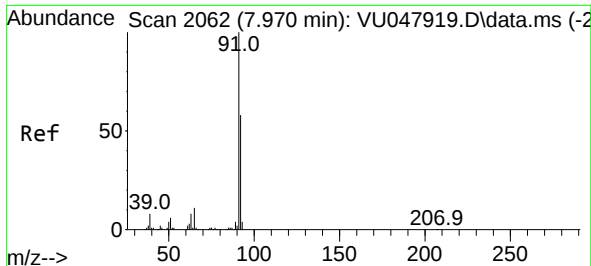
Tgt Ion: 75 Resp: 5161

Ion Ratio Lower Upper

75 100

77 53.2 21.8 40.6#





#42

Toluene

Concen: 3.840 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU047925.D

Acq: 11 Apr 2022 23:00

Instrument :

MSVOA_U

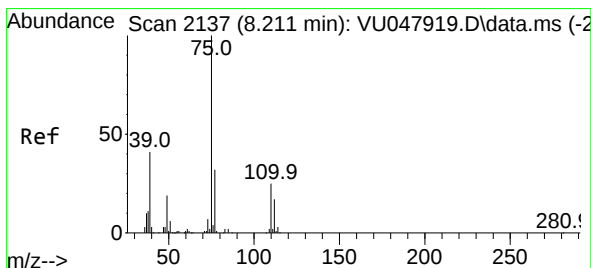
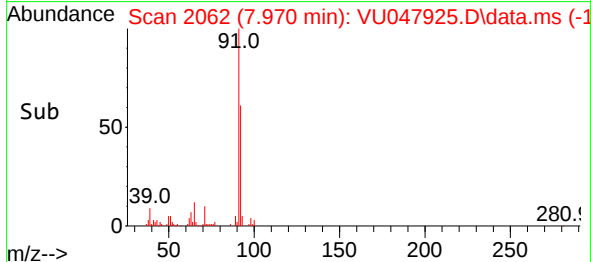
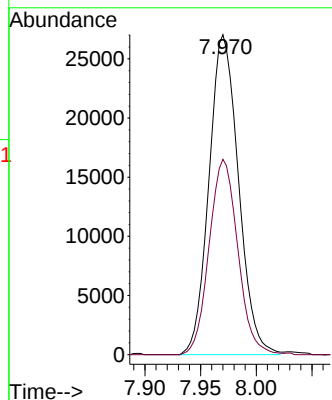
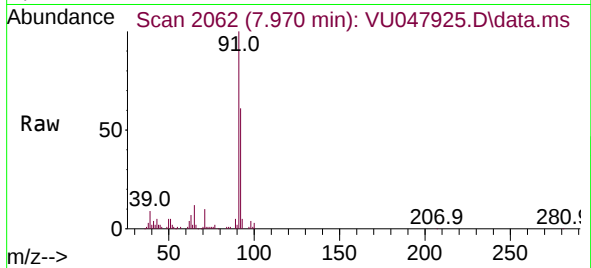
ClientSampleId :

Tgt Ion: 91 Resp: 49814

Ion Ratio Lower Upper

91 100

92 61.0 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 0.812 ug/L

RT: 8.185 min Scan# 2129

Delta R.T. -0.026 min

Lab File: VU047925.D

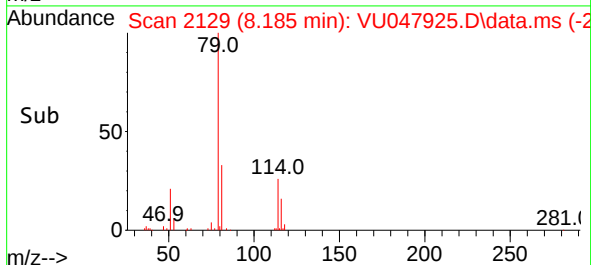
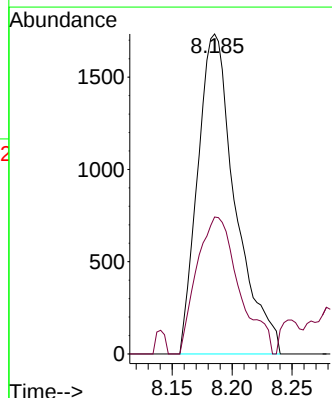
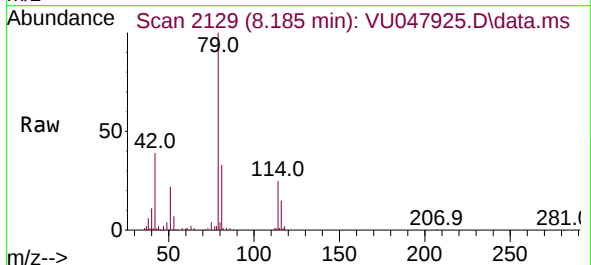
Acq: 11 Apr 2022 23:00

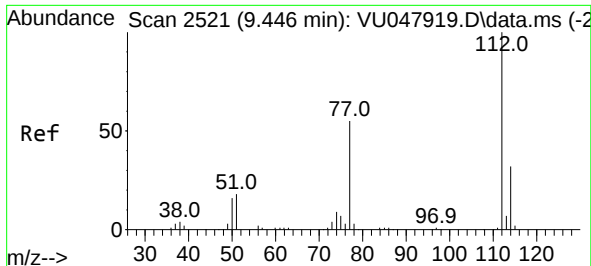
Tgt Ion: 75 Resp: 3781

Ion Ratio Lower Upper

75 100

77 42.8 22.0 40.8#

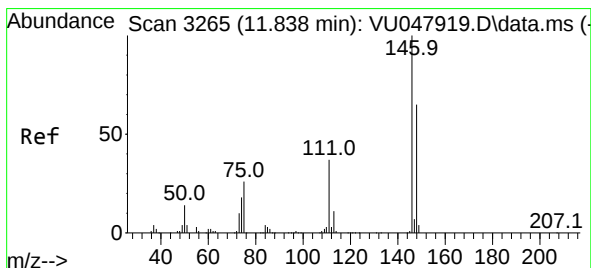
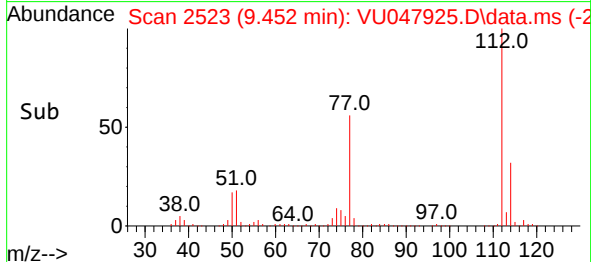
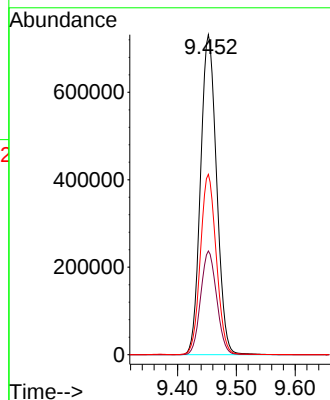
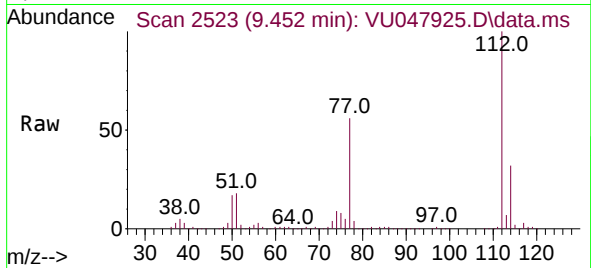




#51
Chlorobenzene
Concen: 157.263 ug/L
RT: 9.452 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU047925.D
Acq: 11 Apr 2022 23:00

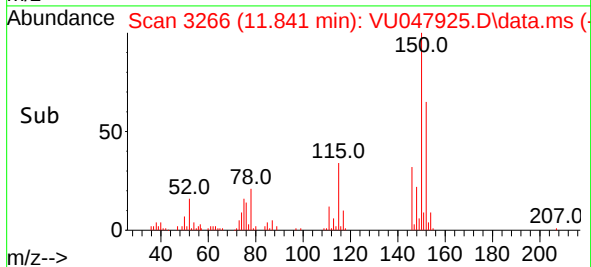
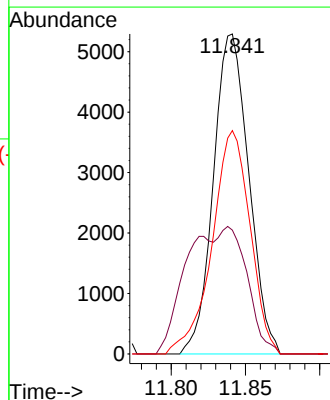
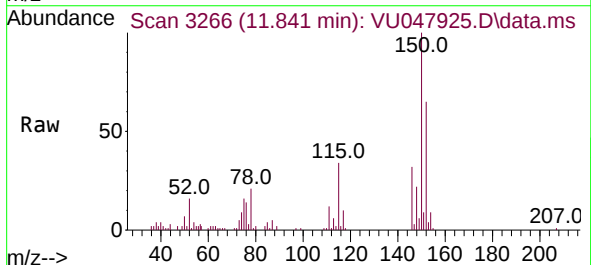
Instrument :
MSVOA_U
ClientSampleId :

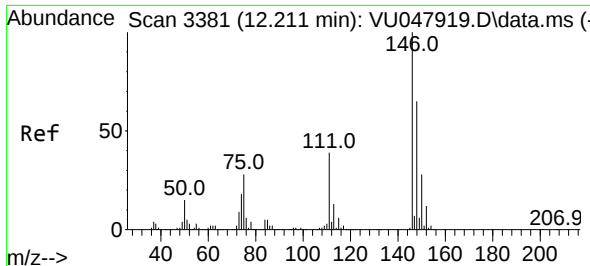
Tgt Ion:112 Resp: 1385306
Ion Ratio Lower Upper
112 100
114 32.4 22.1 41.1
77 56.3 43.4 65.0



#65
1,4-Dichlorobenzene
Concen: 1.192 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU047925.D
Acq: 11 Apr 2022 23:00

Tgt Ion:146 Resp: 8768
Ion Ratio Lower Upper
146 100
111 38.7 25.3 47.1
148 69.8 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 8.083 ug/L

RT: 12.217 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU047925.D

Acq: 11 Apr 2022 23:00

Instrument :

MSVOA_U

ClientSampleId :

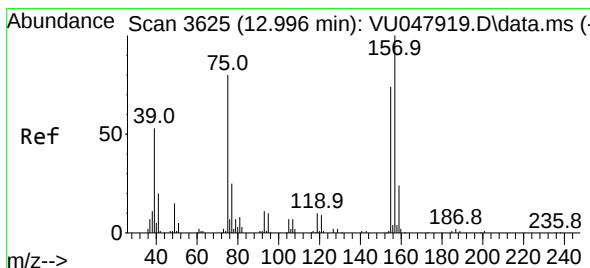
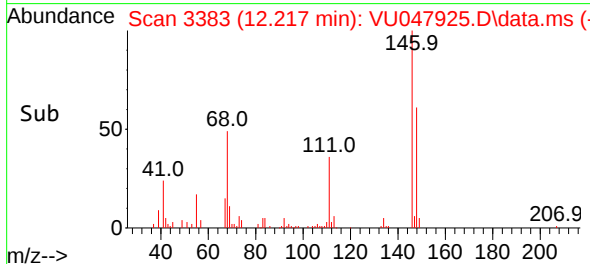
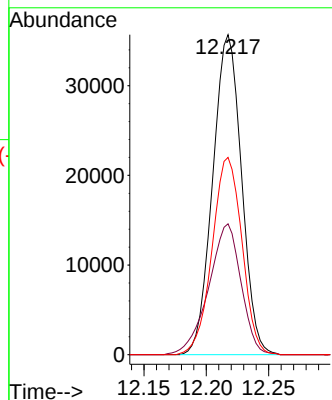
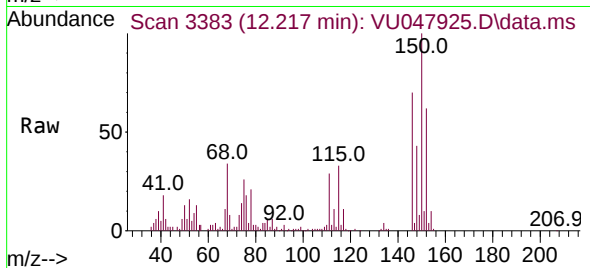
Tgt Ion:146 Resp: 57421

Ion Ratio Lower Upper

146 100

111 40.9 31.7 47.5

148 61.7 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 32.538 ug/L

RT: 12.970 min Scan# 3617

Delta R.T. -0.026 min

Lab File: VU047925.D

Acq: 11 Apr 2022 23:00

Tgt Ion: 75 Resp: 46436

Ion Ratio Lower Upper

75 100

155 4.0 78.9 118.3#

157 2.8 97.5 146.3#

