

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
 Data File : VU048344.D
 Acq On : 28 Apr 2022 16:24
 Operator : SY/MD
 Sample : N2587-09DL 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 29 04:31:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 29 04:27:14 2022
 Response via : Initial Calibration

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

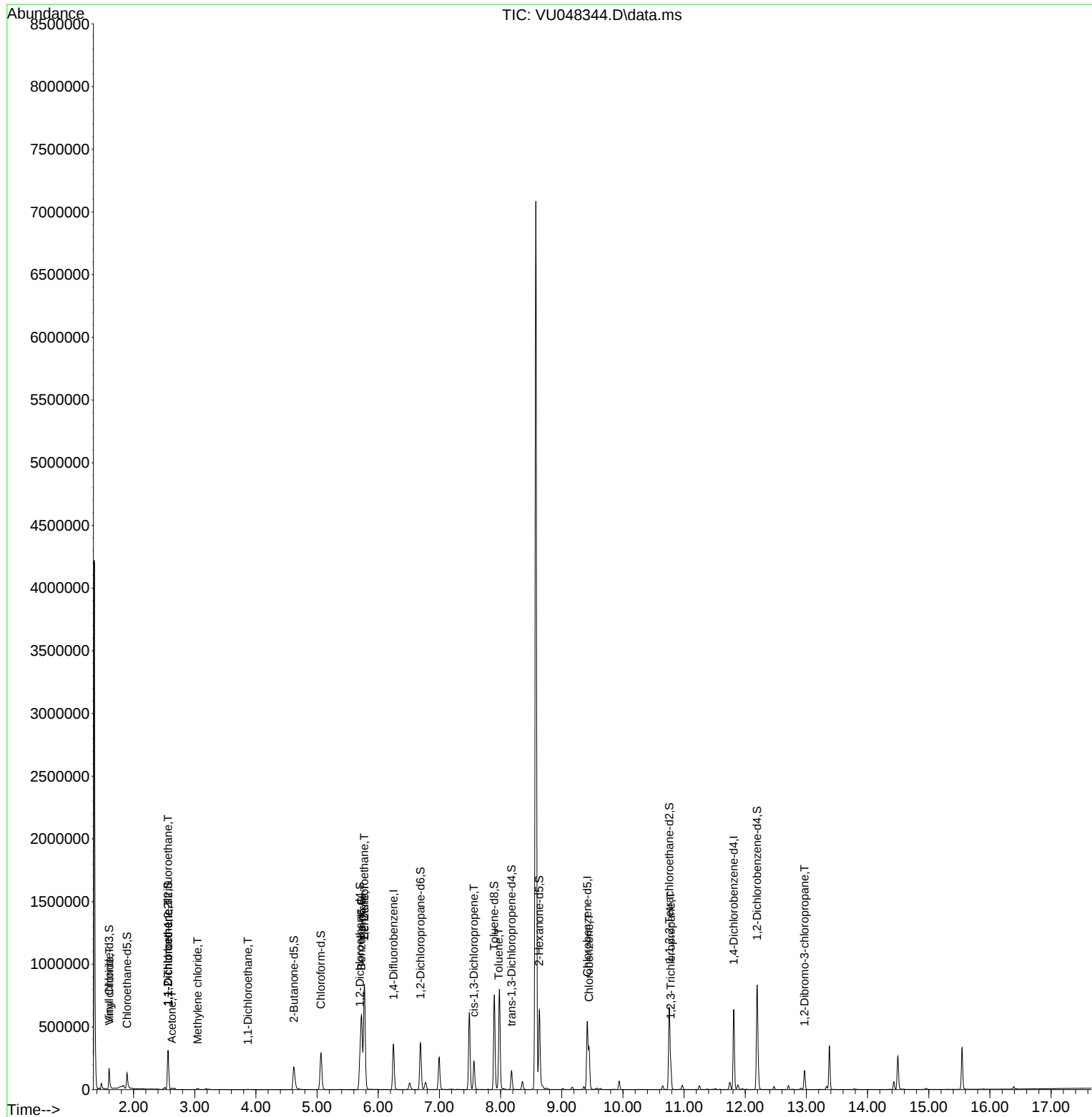
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	311074	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	317004	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	179328	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	133163	46.552	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.100%		
7) Chloroethane-d5	1.893	69	111160	55.361	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	110.720%		
11) 1,1-Dichloroethene-d2	2.562	63	179419	39.145	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.300%		
21) 2-Butanone-d5	4.620	46	263162	107.863	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.860%		
24) Chloroform-d	5.063	84	270365	52.108	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.220%		
26) 1,2-Dichloroethane-d4	5.700	65	172127	55.912	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	111.820%		
32) Benzene-d6	5.726	84	567603	56.772	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	113.540%		
36) 1,2-Dichloropropane-d6	6.690	67	183563	55.536	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	111.080%		
41) Toluene-d8	7.896	98	521738	57.571	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	115.140%		
43) trans-1,3-Dichloroprop...	8.179	79	83502	57.252	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	114.500%		
47) 2-Hexanone-d5	8.632	63	231333	129.722	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	129.720%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	319410	55.100	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	110.200%		
66) 1,2-Dichlorobenzene-d4	12.195	152	228458	56.632	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	113.260%		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	1441	0.532	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1682	0.718	ug/L #	18
12) 1,1-Dichloroethene	2.562	96	1773	0.867	ug/L #	1
13) Acetone	2.626	43	14248	9.097	ug/L	99
16) Methylene chloride	3.044	84	4895	1.856	ug/L	95
19) 1,1-Dichloroethane	3.867	63	3978	0.895	ug/L #	90
27) 1,2-Dichloroethane	5.771	62	9226	2.788	ug/L #	72
33) Benzene	5.774	78	827368	88.152	ug/L	100
39) cis-1,3-Dichloropropene	7.565	75	4915	1.309	ug/L #	64
42) Toluene	7.970	91	44421	4.508	ug/L	98
51) Chlorobenzene	9.446	112	168811	23.767	ug/L	99
60) 1,2,3-Trichloropropane	10.783	75	5463	1.306	ug/L #	1
68) 1,2-Dibromo-3-chloropr...	12.970	75	24415	21.862	ug/L #	1

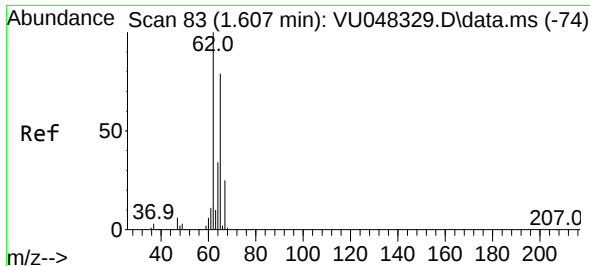
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048344.D
Acq On : 28 Apr 2022 16:24
Operator : SY/MD
Sample : N2587-09DL 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

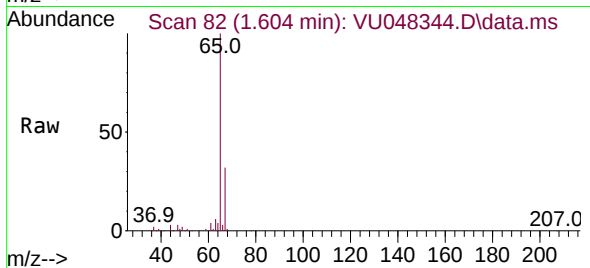
Quant Time: Apr 29 04:31:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 29 04:27:14 2022
Response via : Initial Calibration



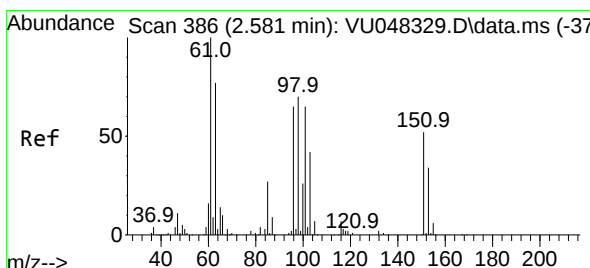
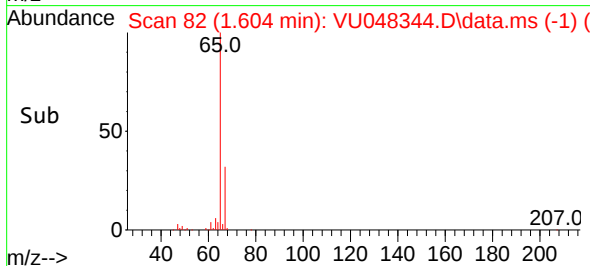
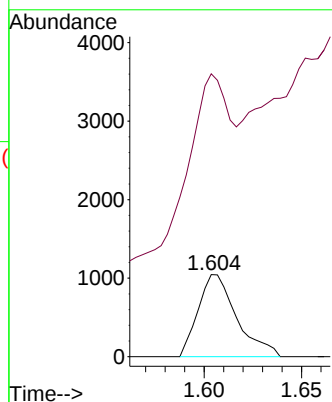


#5
 Vinyl chloride
 Concen: 0.532 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU048344.D
 Acq: 28 Apr 2022 16:24

Instrument :
 MSVOA_U
 ClientSampleId :

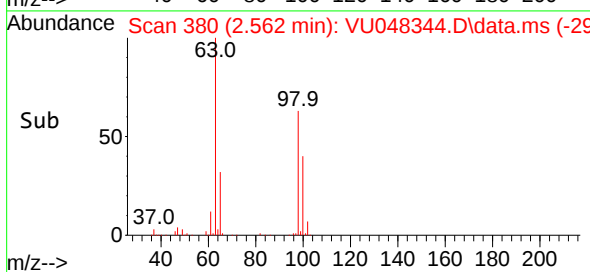
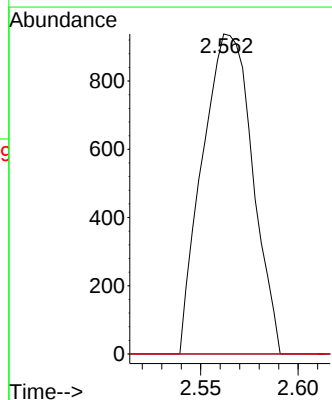
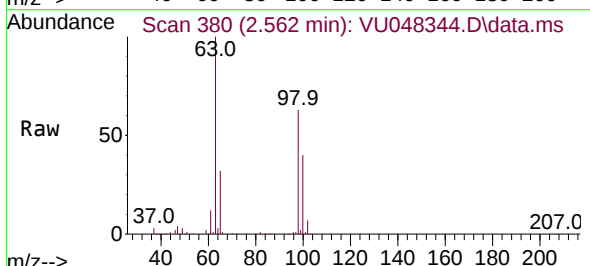


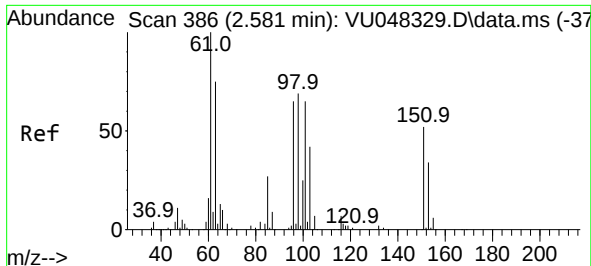
Tgt Ion: 62 Resp: 1441
 Ion Ratio Lower Upper
 62 100
 64 344.9 22.5 41.7#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.718 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.019 min
 Lab File: VU048344.D
 Acq: 28 Apr 2022 16:24

Tgt Ion: 101 Resp: 1682
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.6 48.8#
 151 0.0 64.1 96.1#





#12

1,1-Dichloroethene

Concen: 0.867 ug/L

RT: 2.562 min Scan# 386

Delta R.T. -0.019 min

Lab File: VU048344.D

Acq: 28 Apr 2022 16:24

Instrument :

MSVOA_U

ClientSampleId :

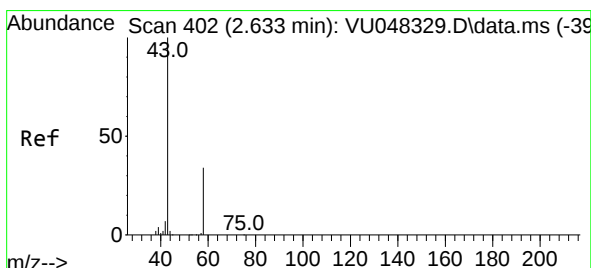
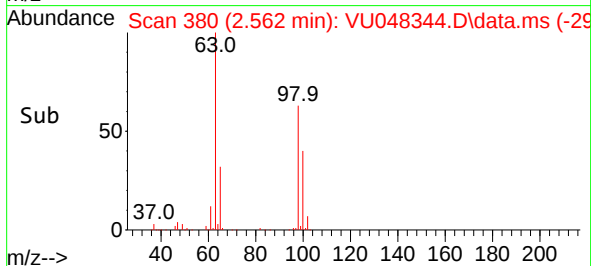
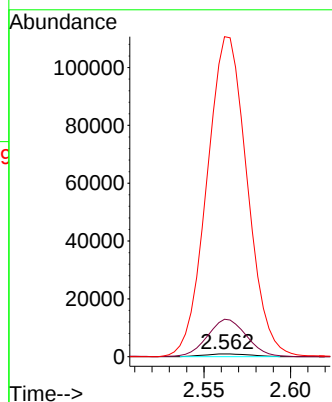
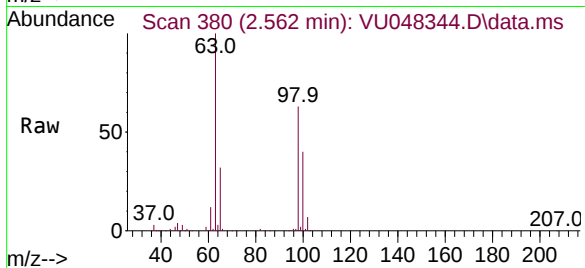
Tgt Ion: 96 Resp: 1773

Ion Ratio Lower Upper

96 100

61 1339.3 107.9 200.3#

63 11469.4 80.3 149.1#



#13

Acetone

Concen: 9.097 ug/L

RT: 2.626 min Scan# 400

Delta R.T. -0.007 min

Lab File: VU048344.D

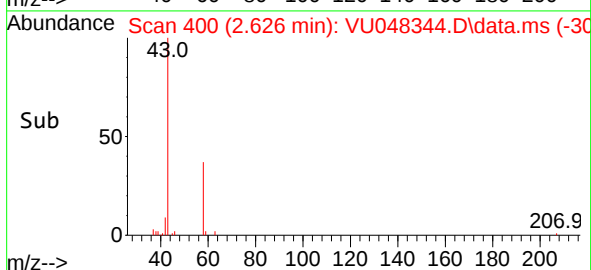
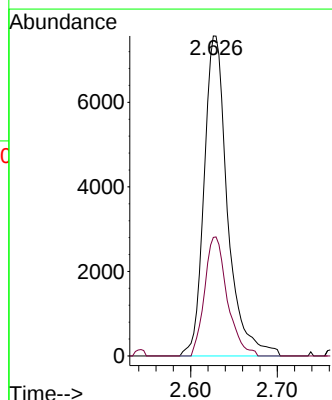
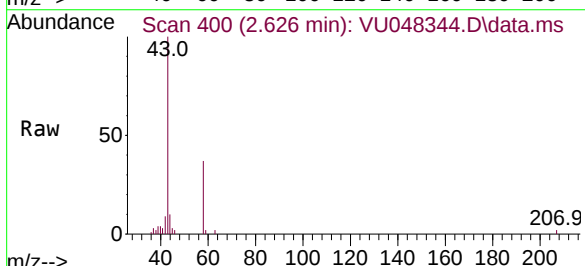
Acq: 28 Apr 2022 16:24

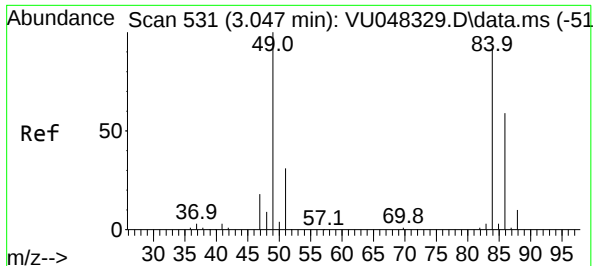
Tgt Ion: 43 Resp: 14248

Ion Ratio Lower Upper

43 100

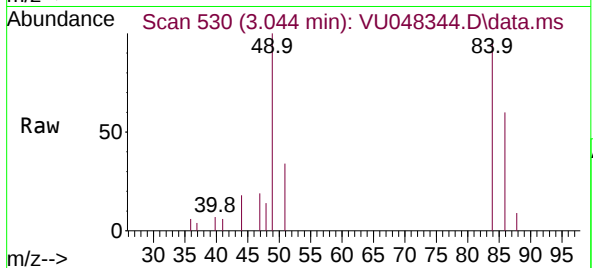
58 35.9 0.0 71.2



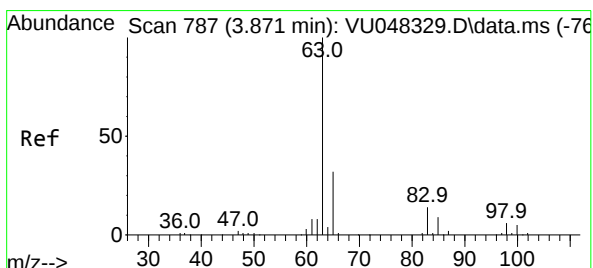
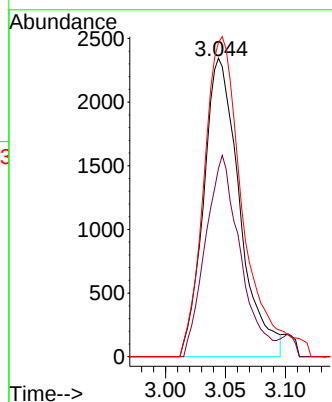
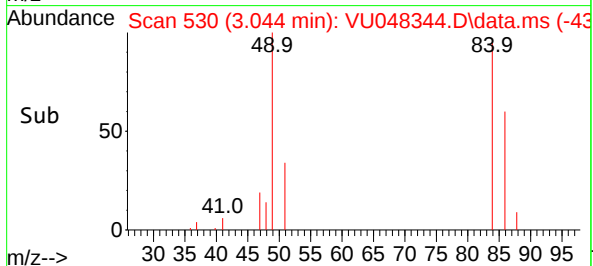


#16
Methylene chloride
Concen: 1.856 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU048344.D
Acq: 28 Apr 2022 16:24

Instrument :
MSVOA_U
ClientSampleId :

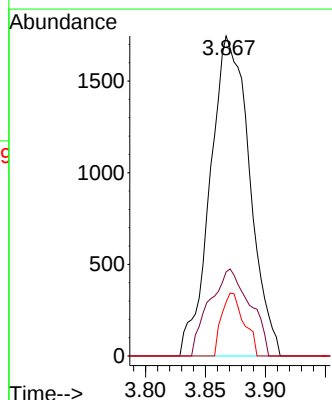
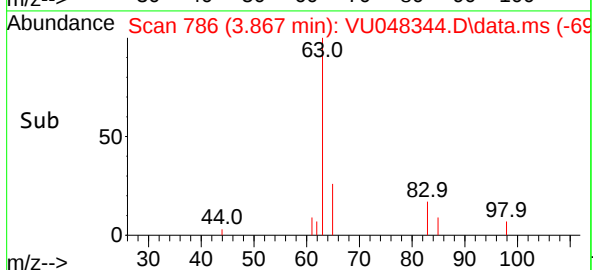
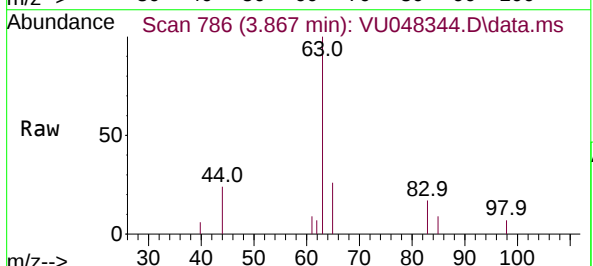


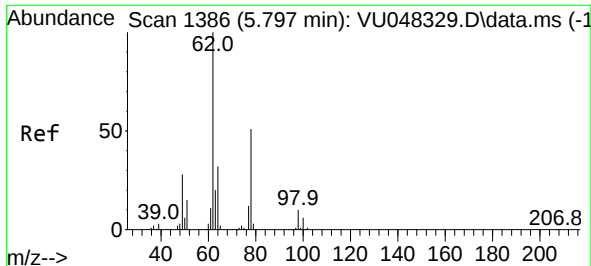
Tgt Ion: 84 Resp: 4895
Ion Ratio Lower Upper
84 100
86 63.0 45.4 84.2
49 105.2 79.2 147.0



#19
1,1-Dichloroethane
Concen: 0.895 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.003 min
Lab File: VU048344.D
Acq: 28 Apr 2022 16:24

Tgt Ion: 63 Resp: 3978
Ion Ratio Lower Upper
63 100
65 26.3 22.0 40.8
83 16.8 8.8 16.4#

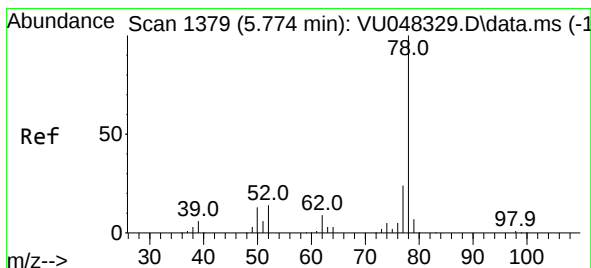
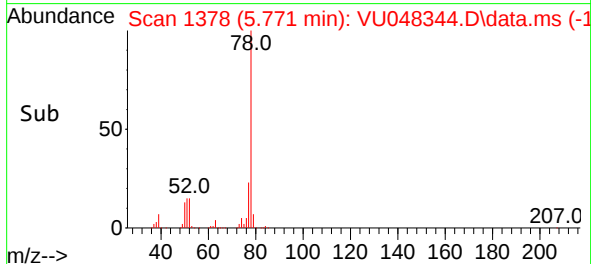
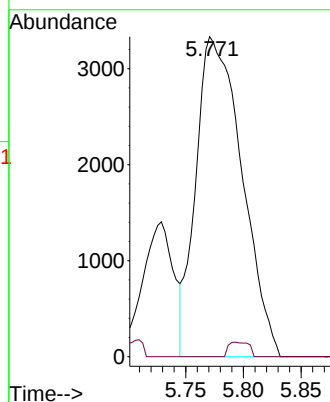
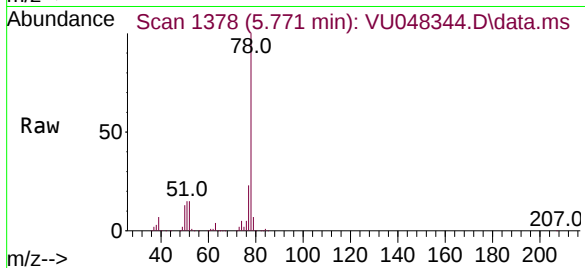




#27
1,2-Dichloroethane
Concen: 2.788 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.026 min
Lab File: VU048344.D
Acq: 28 Apr 2022 16:24

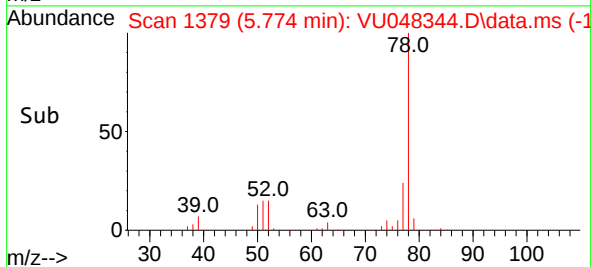
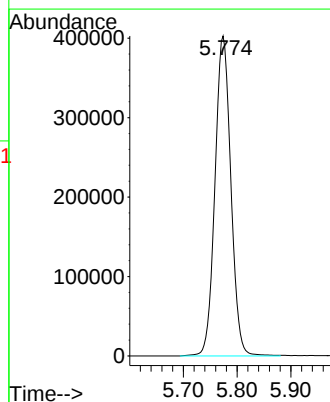
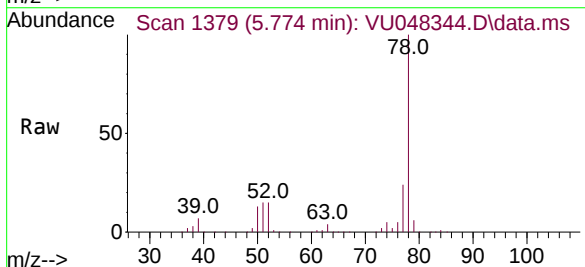
Instrument :
MSVOA_U
ClientSampleId :

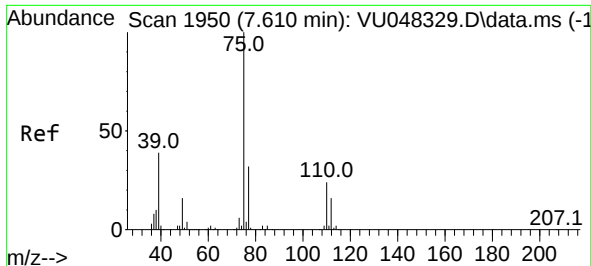
Tgt Ion: 62 Resp: 9226
Ion Ratio Lower Upper
62 100
98 0.0 8.5 12.7#



#33
Benzene
Concen: 88.152 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU048344.D
Acq: 28 Apr 2022 16:24

Tgt Ion: 78 Resp: 827368





#39

cis-1,3-Dichloropropene

Concen: 1.309 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU048344.D

Acq: 28 Apr 2022 16:24

Instrument :

MSVOA_U

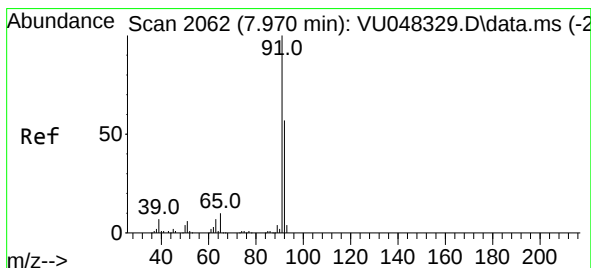
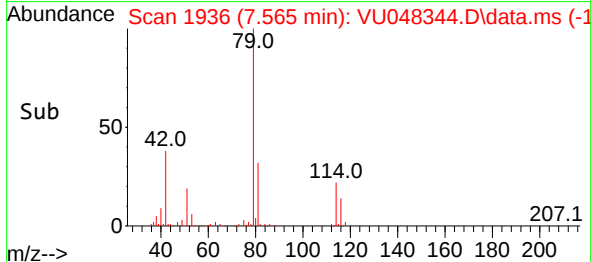
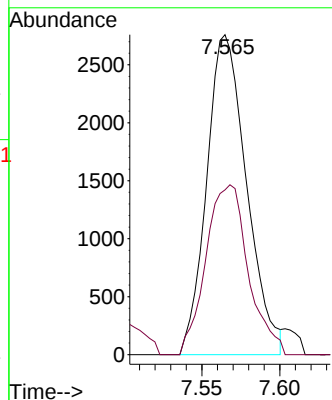
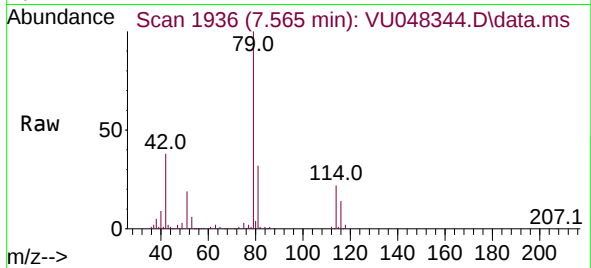
ClientSampleId :

Tgt Ion: 75 Resp: 4915

Ion Ratio Lower Upper

75 100

77 51.5 22.0 41.0#



#42

Toluene

Concen: 4.508 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048344.D

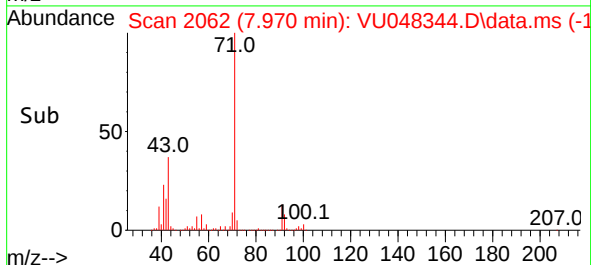
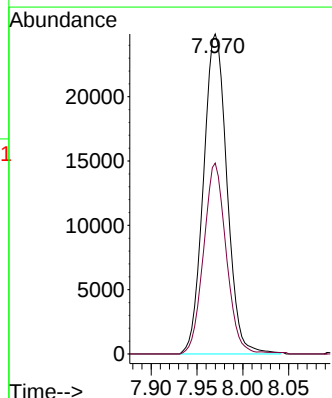
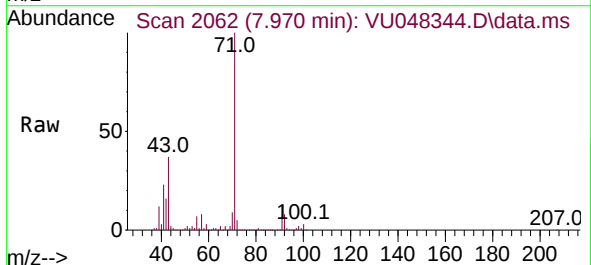
Acq: 28 Apr 2022 16:24

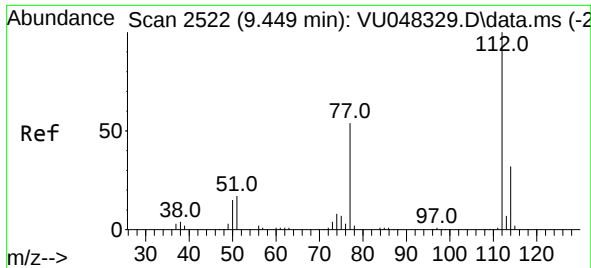
Tgt Ion: 91 Resp: 44421

Ion Ratio Lower Upper

91 100

92 59.7 40.9 76.0

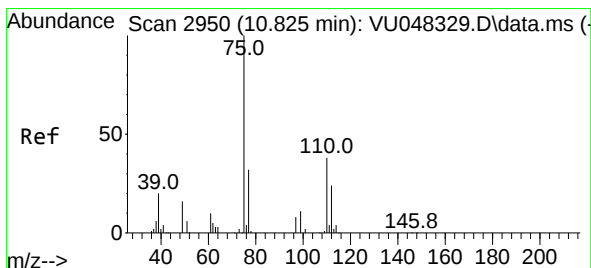
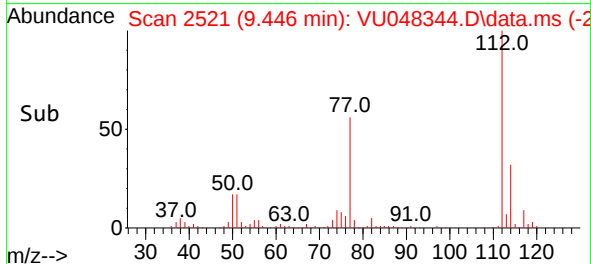
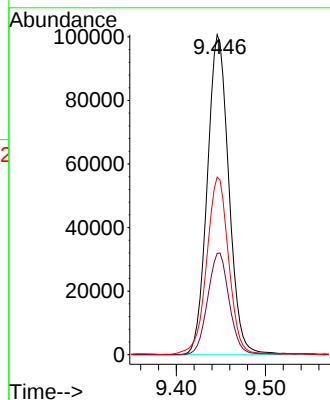
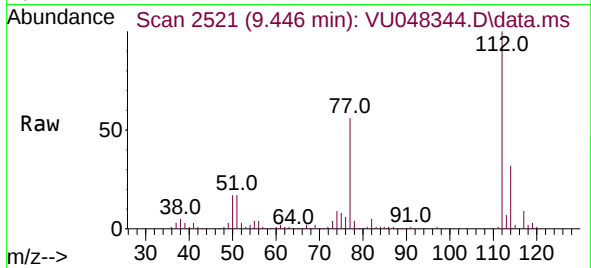




#51
Chlorobenzene
Concen: 23.767 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048344.D
Acq: 28 Apr 2022 16:24

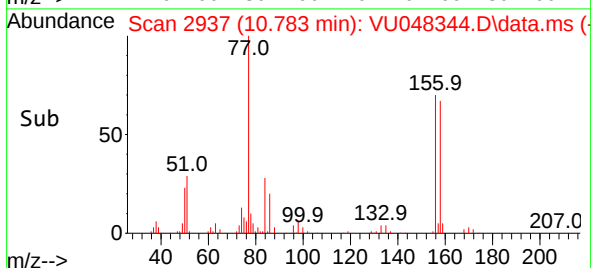
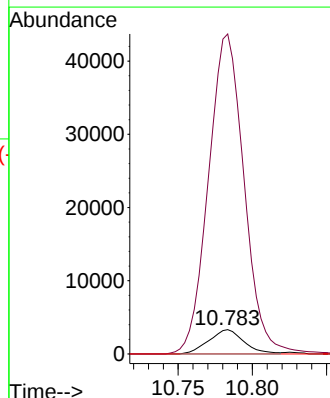
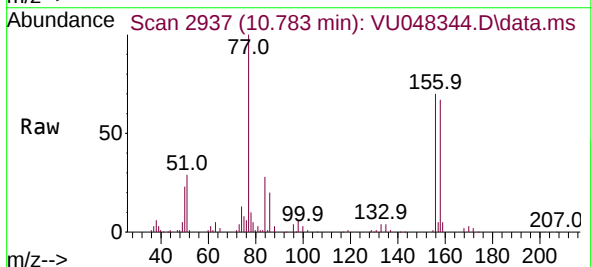
Instrument :
MSVOA_U
ClientSampleId :

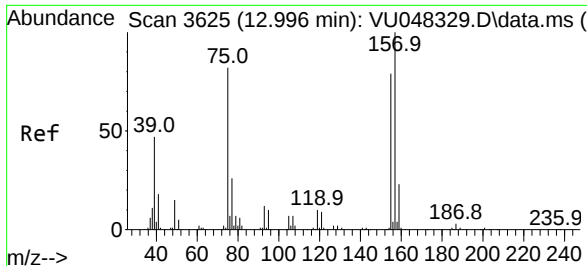
Tgt Ion:112 Resp: 168811
Ion Ratio Lower Upper
112 100
114 31.6 22.7 42.1
77 55.5 44.3 66.5



#60
1,2,3-Trichloropropane
Concen: 1.306 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.042 min
Lab File: VU048344.D
Acq: 28 Apr 2022 16:24

Tgt Ion: 75 Resp: 5463
Ion Ratio Lower Upper
75 100
77 1339.2 25.8 38.8#
110 0.0 29.9 44.9#





#68

1,2-Dibromo-3-chloropropane

Concen: 21.862 ug/L

RT: 12.970 min Scan# 30

Delta R.T. -0.026 min

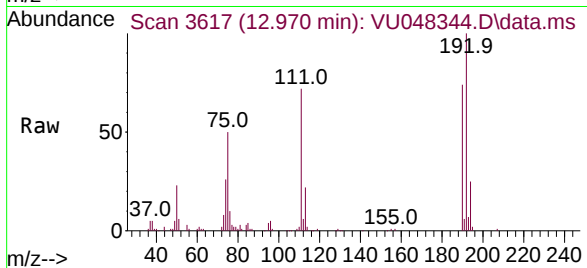
Lab File: VU048344.D

Acq: 28 Apr 2022 16:24

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 24415

Ion Ratio Lower Upper

75 100

155 2.7 71.8 107.6#

157 2.7 93.4 140.2#

