

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
 Data File : VU047963.D
 Acq On : 12 Apr 2022 18:04
 Operator : SY/MD
 Sample : N2345-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 13 01:37:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 13 01:28:20 2022
 Response via : Initial Calibration

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

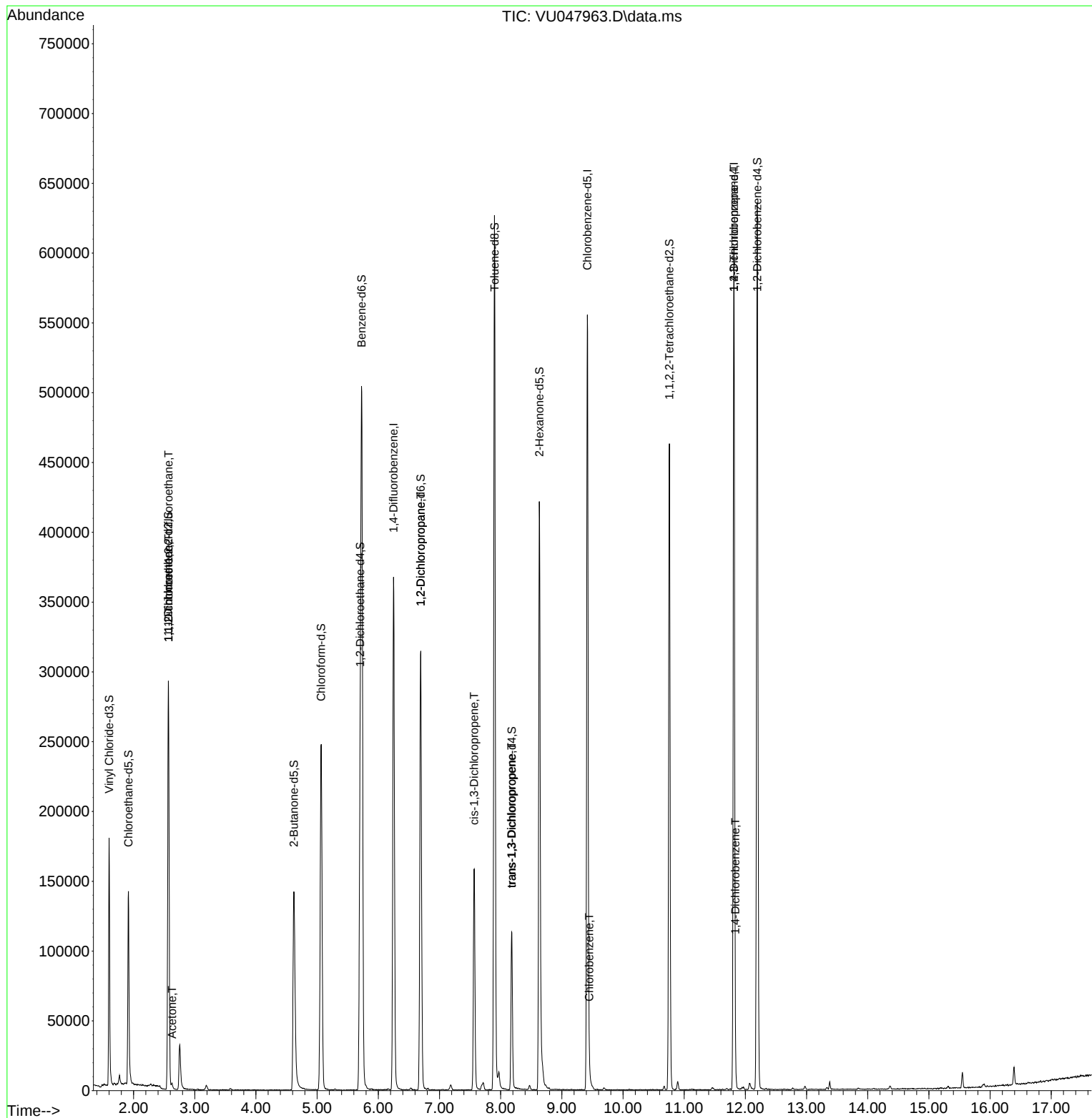
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	311824	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	328837	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	170245	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	130641	57.774	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 115.540%		
7) Chloroethane-d5	1.916	69	109786	61.574	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 123.140%		
11) 1,1-Dichloroethene-d2	2.568	63	166122	40.154	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 80.300%		
21) 2-Butanone-d5	4.620	46	205490	105.875	ug/L	-0.01
Spiked Amount	100.000	Range 40 - 130	Recovery	= 105.880%		
24) Chloroform-d	5.063	84	231620	55.981	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 111.960%		
26) 1,2-Dichloroethane-d4	5.703	65	149407	58.878	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 117.760%		
32) Benzene-d6	5.729	84	475433	57.458	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 114.920%		
36) 1,2-Dichloropropane-d6	6.694	67	151370	59.567	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 119.140%		
41) Toluene-d8	7.899	98	420496	52.159	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 104.320%		
43) trans-1,3-Dichloroprop...	8.182	79	64416	50.036	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 100.080%		
47) 2-Hexanone-d5	8.632	63	147845	99.385	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 99.390%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	227722	52.217	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 104.440%		
66) 1,2-Dichlorobenzene-d4	12.195	152	178527	58.943	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 117.880%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1827	0.795	ug/L #	18
12) 1,1-Dichloroethene	2.572	96	1286	0.601	ug/L #	1
13) Acetone	2.629	43	4441	2.459	ug/L	98
37) 1,2-Dichloropropane	6.694	63	15937	6.586	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	3887	1.035	ug/L #	48
44) trans-1,3-Dichloropropene	8.179	75	2397	0.639	ug/L #	67
51) Chlorobenzene	9.449	112	4087	0.576	ug/L #	87
60) 1,2,3-Trichloropropane	11.812	75	18306	5.704	ug/L #	63
65) 1,4-Dichlorobenzene	11.835	146	3740	0.706	ug/L	92

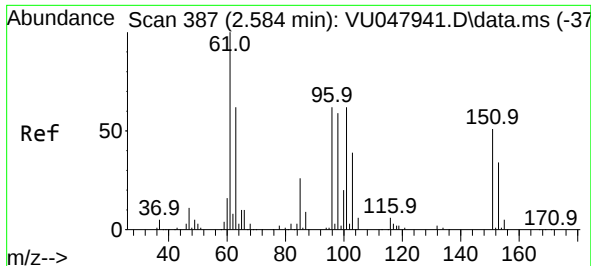
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Apr 13 01:28:20 2022
Response via : Initial Calibration





#10

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

Concen: 0.795 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.013 min

Lab File: VU047963.D

Acq: 12 Apr 2022 18:04

Instrument :

MSVOA_U

ClientSampleId :

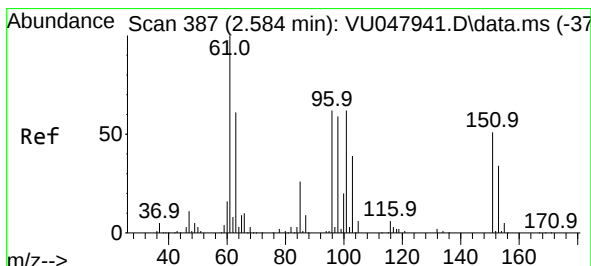
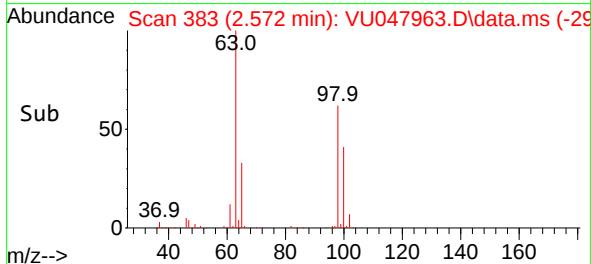
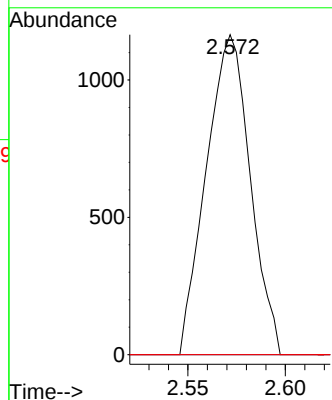
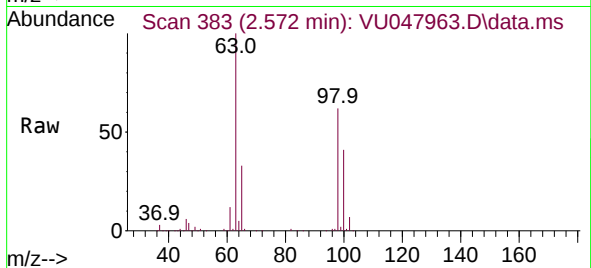
Tgt Ion:101 Resp: 1827

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: 0.601 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.013 min

Lab File: VU047963.D

Acq: 12 Apr 2022 18:04

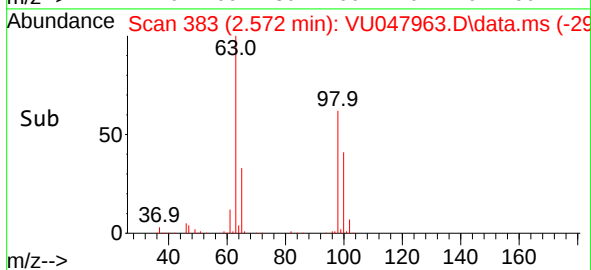
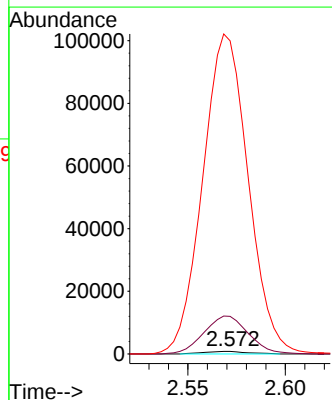
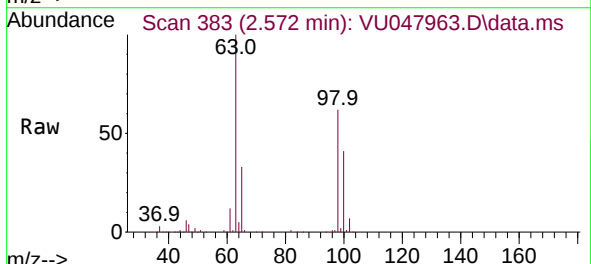
Tgt Ion: 96 Resp: 1286

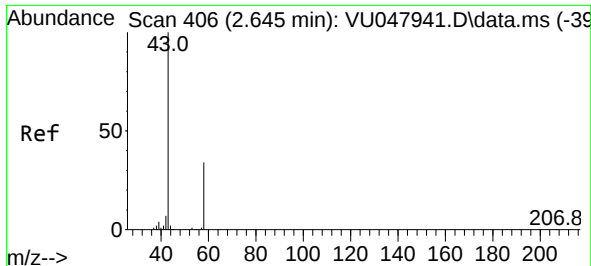
Ion Ratio Lower Upper

96 100

61 1432.7 113.1 210.1#

63 11916.1 94.8 176.0#

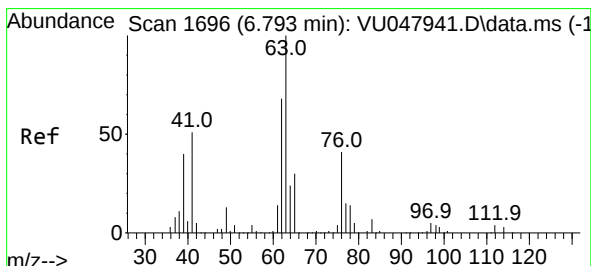
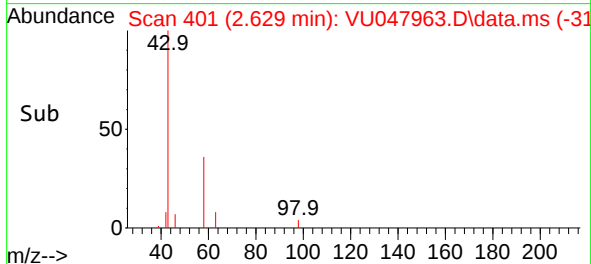
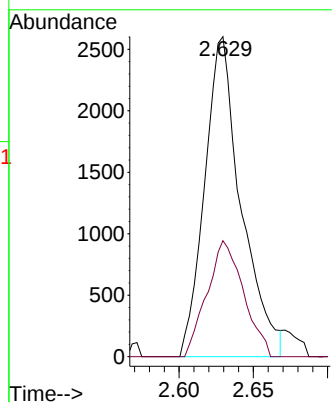
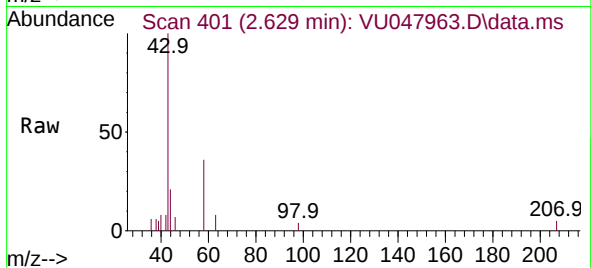




#13
Acetone
Concen: 2.459 ug/L
RT: 2.629 min Scan# 401
Delta R.T. -0.016 min
Lab File: VU047963.D
Acq: 12 Apr 2022 18:04

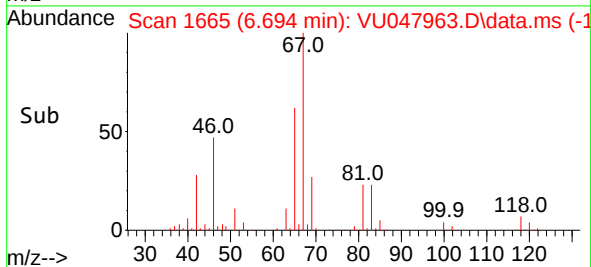
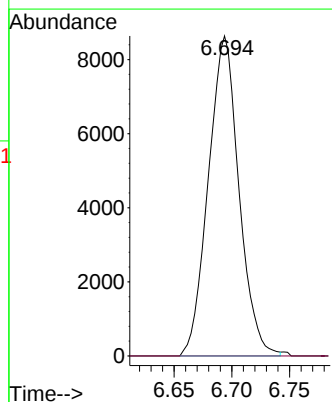
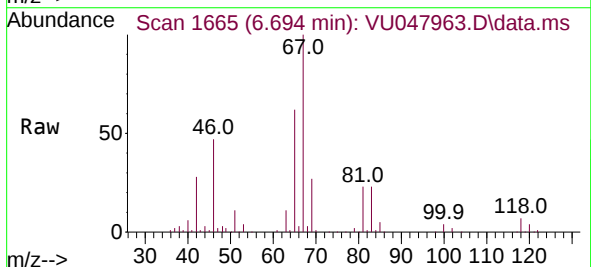
Instrument :
MSVOA_U
ClientSampleId :

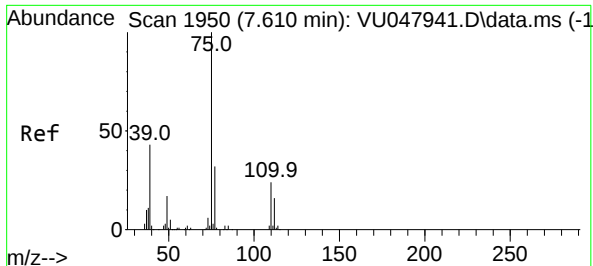
Tgt Ion: 43 Resp: 4441
Ion Ratio Lower Upper
43 100
58 36.3 0.0 70.0



#37
1,2-Dichloropropane
Concen: 6.586 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU047963.D
Acq: 12 Apr 2022 18:04

Tgt Ion: 63 Resp: 15937
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 1.035 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU047963.D

Acq: 12 Apr 2022 18:04

Instrument :

MSVOA_U

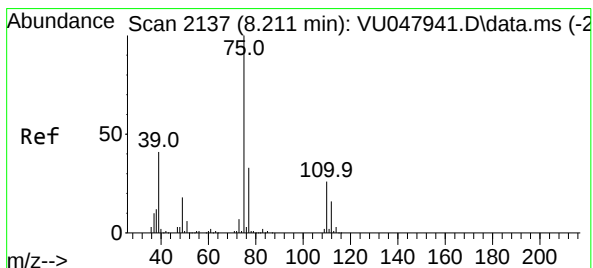
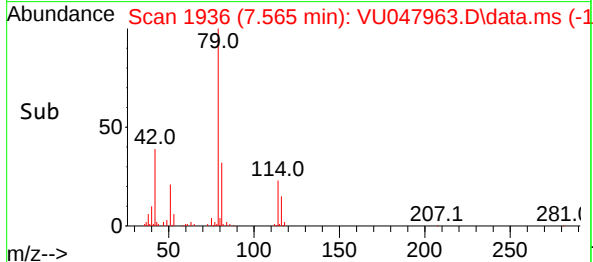
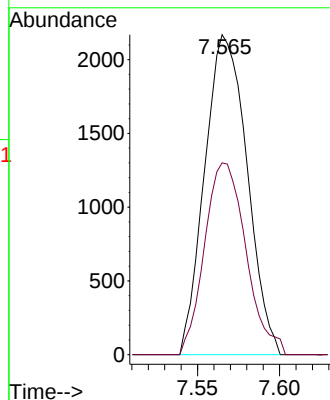
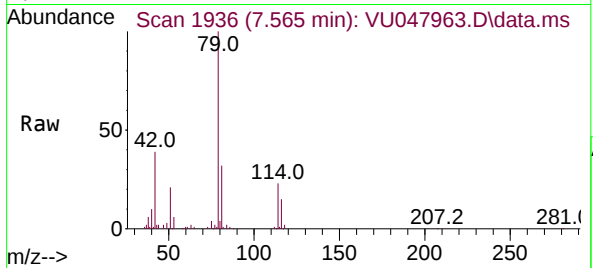
ClientSampleId :

Tgt Ion: 75 Resp: 3887

Ion Ratio Lower Upper

75 100

77 59.9 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.639 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU047963.D

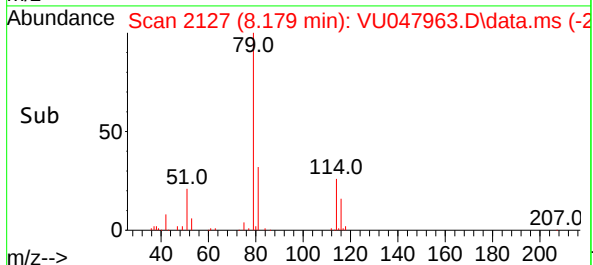
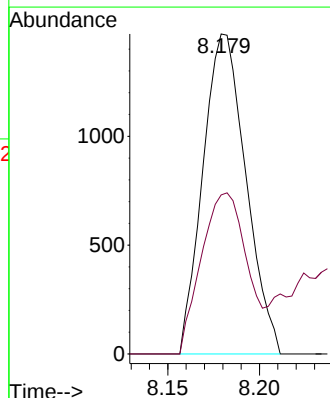
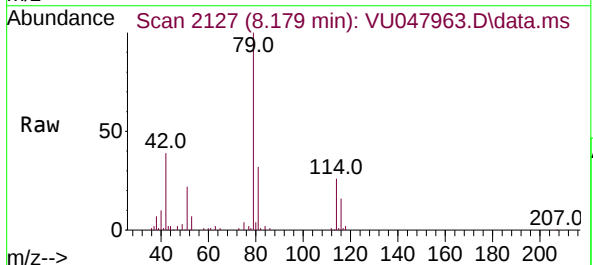
Acq: 12 Apr 2022 18:04

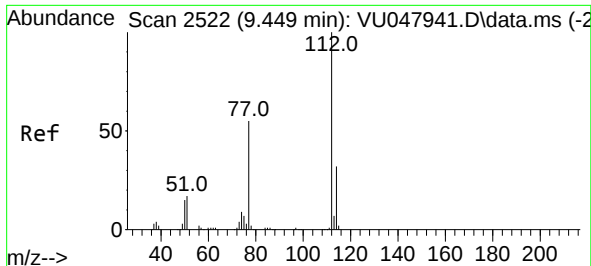
Tgt Ion: 75 Resp: 2397

Ion Ratio Lower Upper

75 100

77 49.7 22.0 40.8#

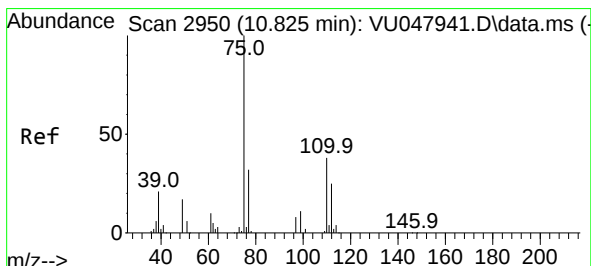
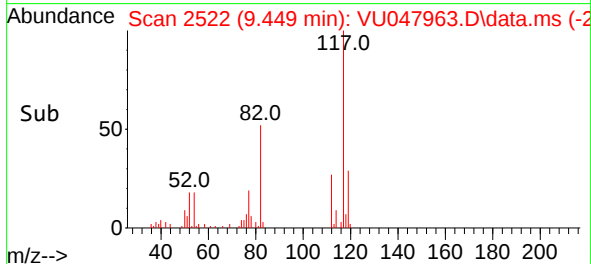
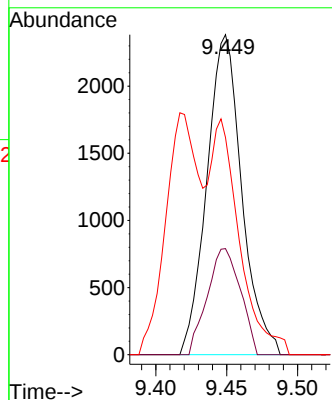
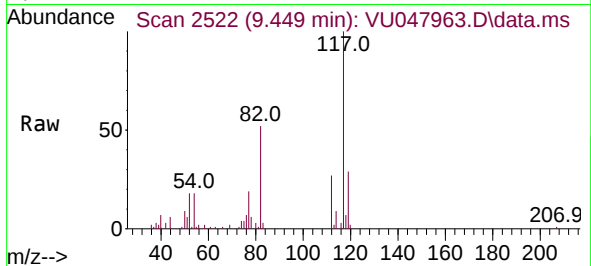




#51
Chlorobenzene
Concen: 0.576 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047963.D
Acq: 12 Apr 2022 18:04

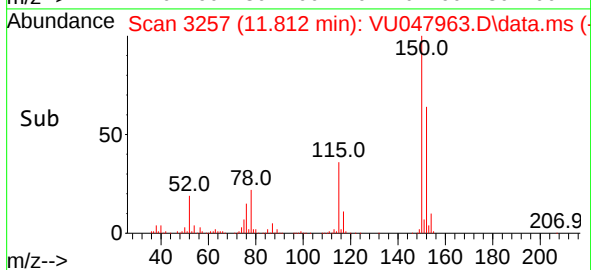
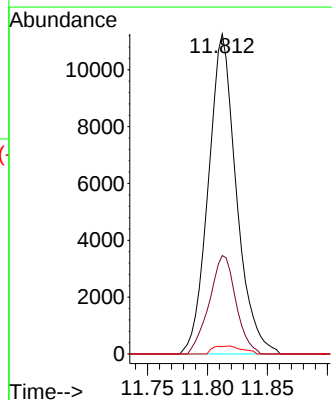
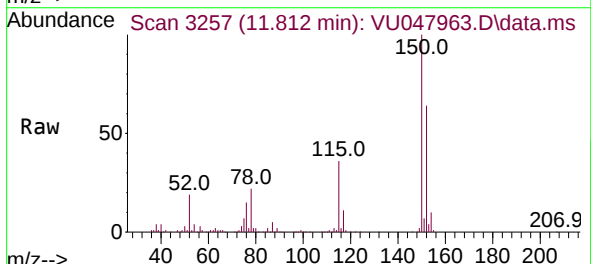
Instrument :
MSVOA_U
ClientSampleId :

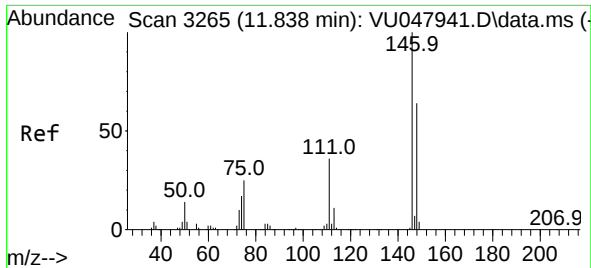
Tgt Ion:112 Resp: 4087
Ion Ratio Lower Upper
112 100
114 33.2 22.1 41.1
77 67.9 43.4 65.0#



#60
1,2,3-Trichloropropane
Concen: 5.704 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047963.D
Acq: 12 Apr 2022 18:04

Tgt Ion: 75 Resp: 18306
Ion Ratio Lower Upper
75 100
77 29.1 26.0 39.0
110 1.0 31.4 47.2#





#65

1,4-Dichlorobenzene

Concen: 0.706 ug/L

RT: 11.835 min Scan# 31

Delta R.T. -0.003 min

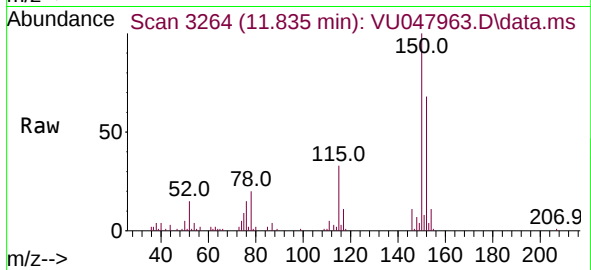
Lab File: VU047963.D

Acq: 12 Apr 2022 18:04

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:146 Resp: 3740

Ion Ratio Lower Upper

146 100

111 43.8 25.3 47.1

148 59.3 44.5 82.7

