

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032822\
 Data File : VU047723.D
 Acq On : 28 Mar 2022 13:32
 Operator : SY/MD
 Sample : N2082-17DL 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW619DL

Quant Time: Mar 29 01:43:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 29 01:43:13 2022
 Response via : Initial Calibration

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

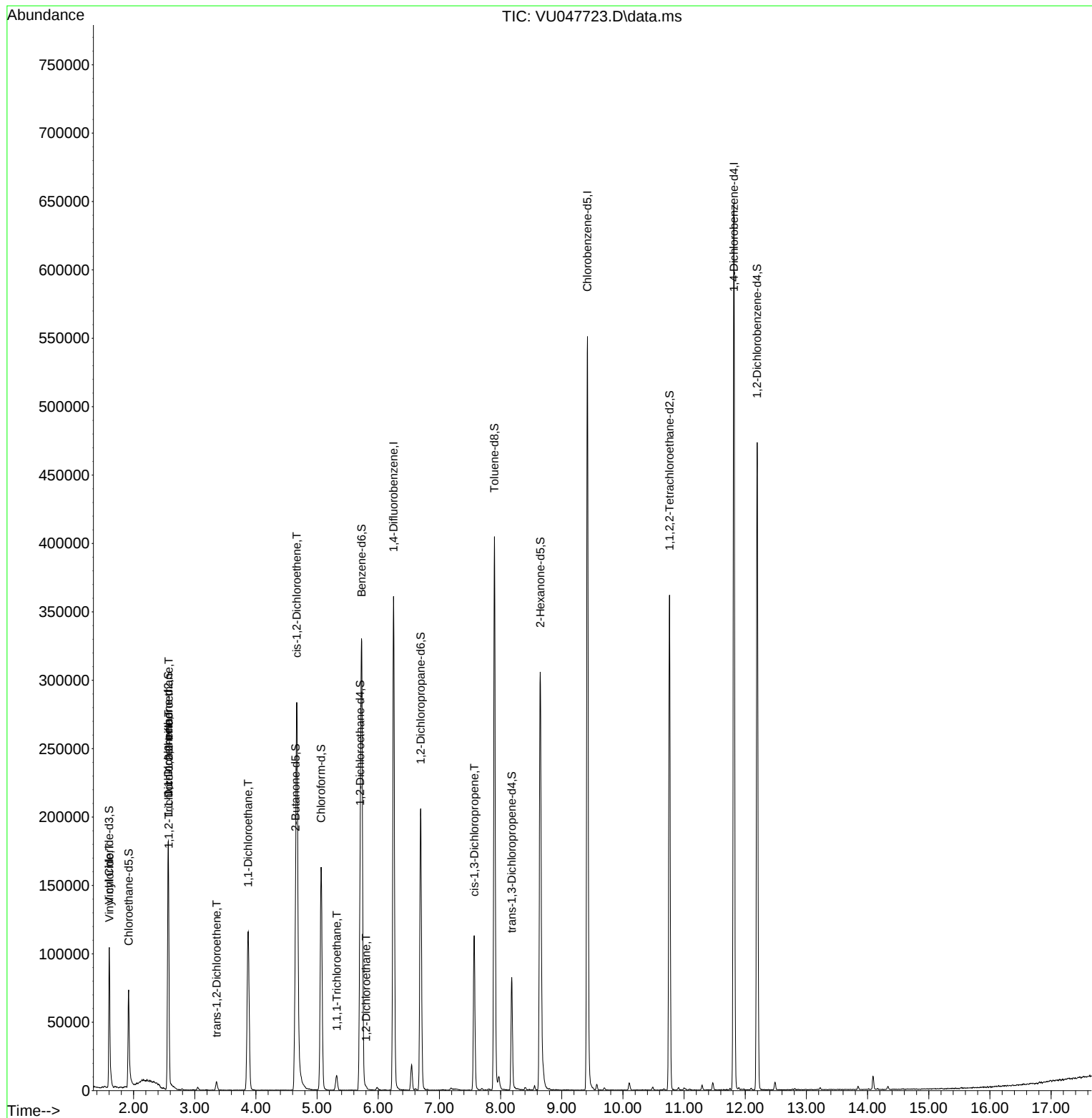
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	306591	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	322411	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	182670	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	70747	31.821	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	63.640%		
7) Chloroethane-d5	1.919	69	62690	35.760	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	71.520%		
11) 1,1-Dichloroethene-d2	2.568	63	105433	25.920	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	51.840%#		
21) 2-Butanone-d5	4.649	46	179493	94.059	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.060%		
24) Chloroform-d	5.067	84	152275	37.432	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	74.860%		
26) 1,2-Dichloroethane-d4	5.703	65	101848	40.821	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.640%		
32) Benzene-d6	5.729	84	303293	37.385	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	74.760%		
36) 1,2-Dichloropropane-d6	6.694	67	98859	39.678	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	79.360%		
41) Toluene-d8	7.899	98	277853	35.152	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	70.300%#		
43) trans-1,3-Dichloroprop...	8.182	79	46806	37.082	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.160%		
47) 2-Hexanone-d5	8.649	63	128165	87.873	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.870%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	174438	40.796	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.600%		
66) 1,2-Dichlorobenzene-d4	12.195	152	130150	40.048	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.100%		
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	17675	6.375	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	1175	0.520	ug/L #	18
12) 1,1-Dichloroethene	2.572	96	1353	0.643	ug/L #	1
17) trans-1,2-Dichloroethene	3.359	96	2881	1.270	ug/L	92
19) 1,1-Dichloroethane	3.874	63	134777	34.451	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	121579	48.889	ug/L	94
27) 1,2-Dichloroethane	5.800	62	1331	0.409	ug/L #	75
30) 1,1,1-Trichloroethane	5.321	97	8025	2.195	ug/L	97
39) cis-1,3-Dichloropropene	7.571	75	2886	0.784	ug/L #	70

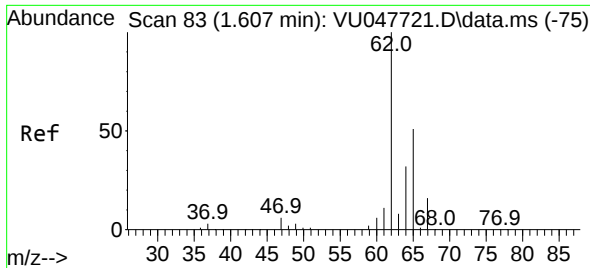
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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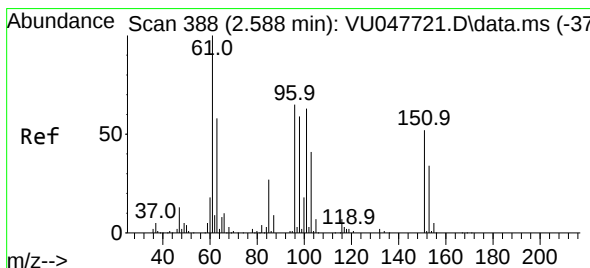
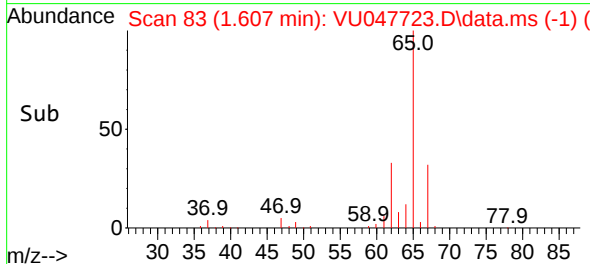
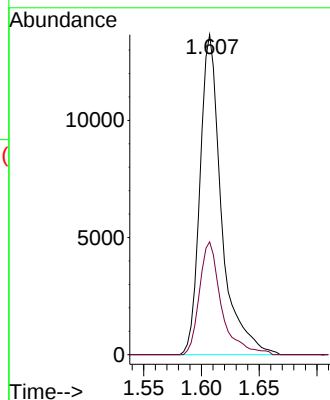
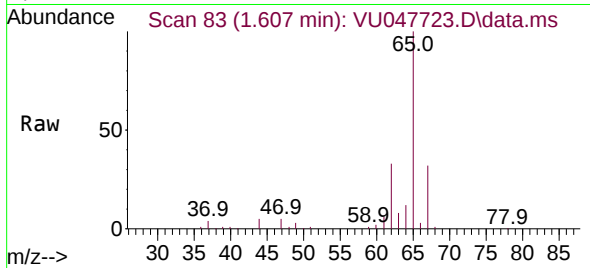




#5
 Vinyl chloride
 Concen: 6.375 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047723.D
 Acq: 28 Mar 2022 13:32

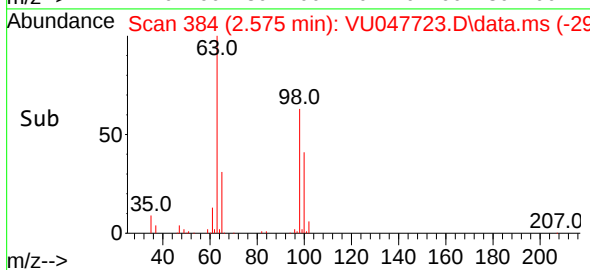
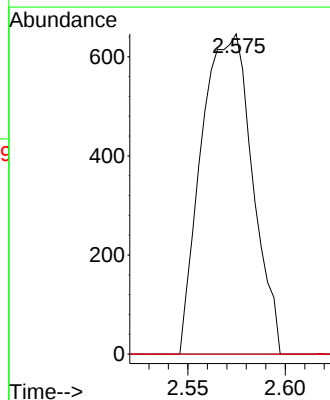
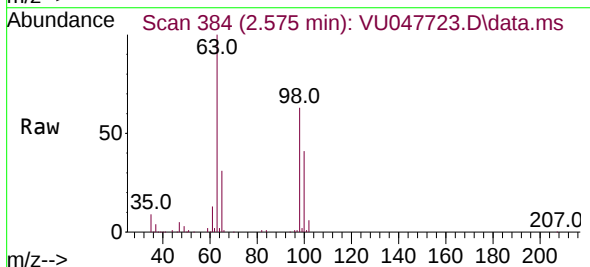
Instrument :
 MSVOA_U
 ClientSampleId :
 EW619DL

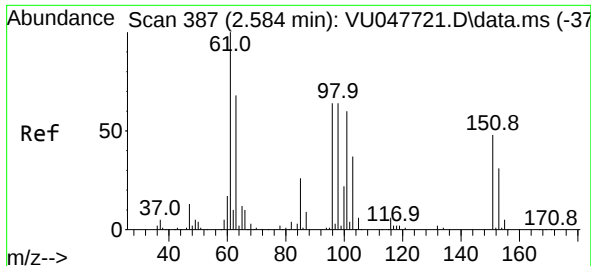
Tgt Ion: 62 Resp: 17675
 Ion Ratio Lower Upper
 62 100
 64 35.3 23.7 43.9



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.520 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU047723.D
 Acq: 28 Mar 2022 13:32

Tgt Ion: 101 Resp: 1175
 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: 0.643 ug/L

RT: 2.572 min Scan# 387

Delta R.T. -0.013 min

Lab File: VU047723.D

Acq: 28 Mar 2022 13:32

Instrument :

MSVOA_U

ClientSampleId :

EW619DL

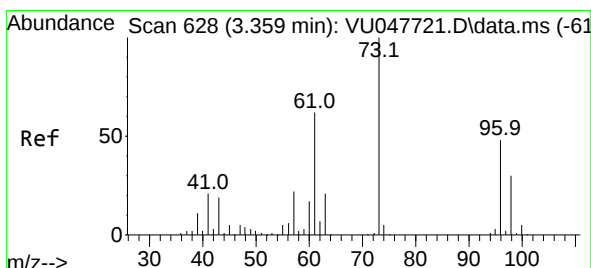
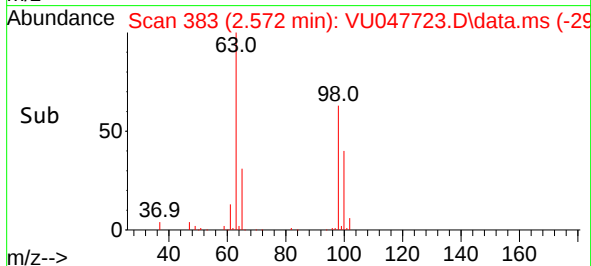
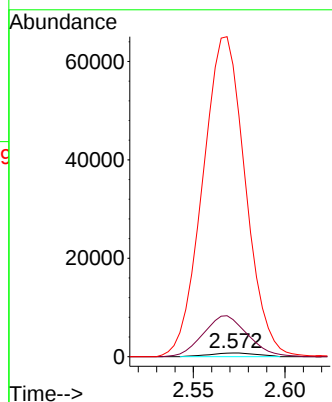
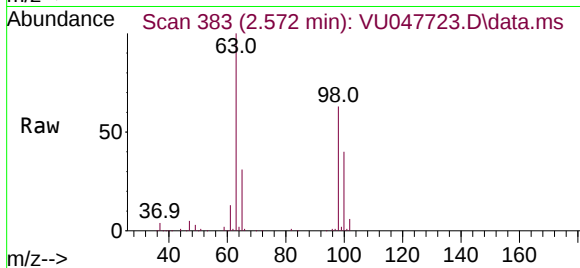
Tgt Ion: 96 Resp: 1353

Ion Ratio Lower Upper

96 100

61 1010.2 113.1 210.1#

63 7929.4 94.8 176.0#



#17

trans-1,2-Dichloroethene

Concen: 1.270 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU047723.D

Acq: 28 Mar 2022 13:32

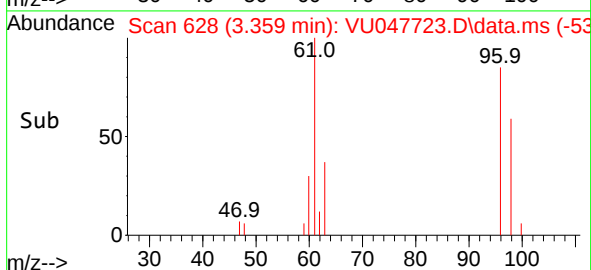
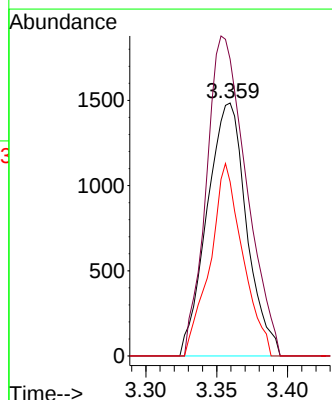
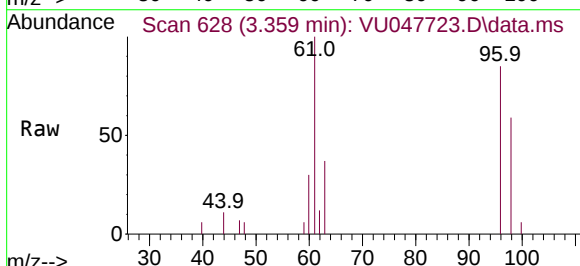
Tgt Ion: 96 Resp: 2881

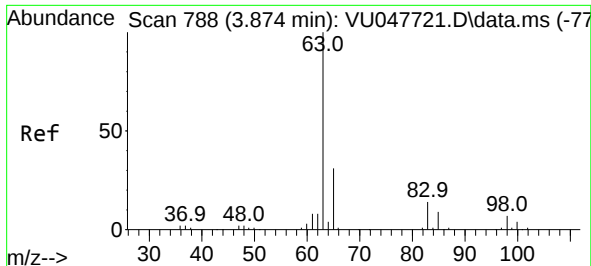
Ion Ratio Lower Upper

96 100

61 117.3 88.4 164.2

98 68.8 43.3 80.5





#19

1,1-Dichloroethane

Concen: 34.451 ug/L

RT: 3.874 min Scan# 7

Delta R.T. 0.000 min

Lab File: VU047723.D

Acq: 28 Mar 2022 13:32

Instrument :

MSVOA_U

ClientSampleId :

EW619DL

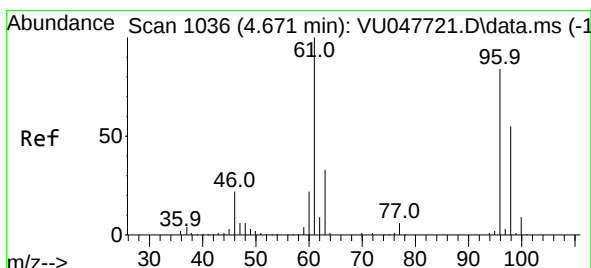
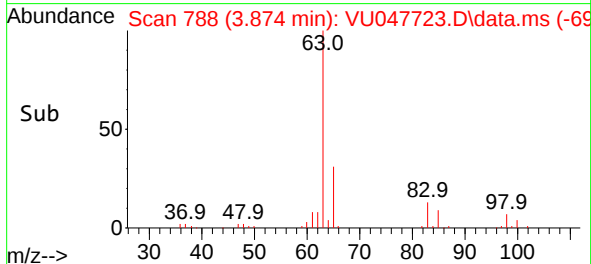
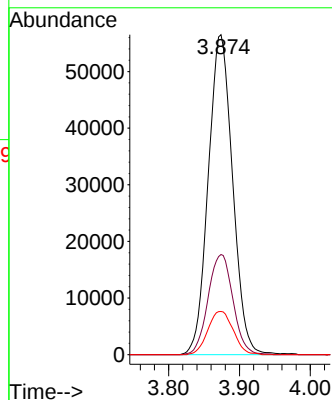
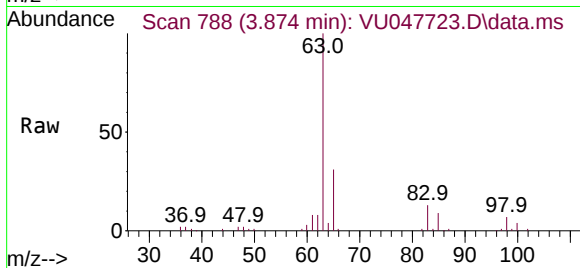
Tgt Ion: 63 Resp: 134777

Ion Ratio Lower Upper

63 100

65 31.3 22.0 41.0

83 13.5 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 48.889 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU047723.D

Acq: 28 Mar 2022 13:32

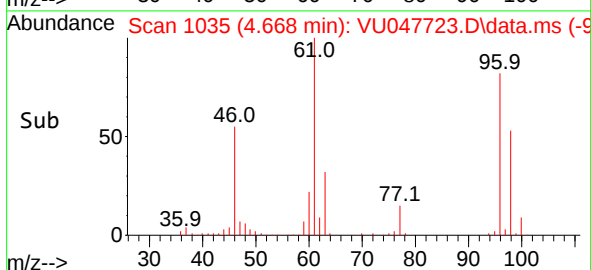
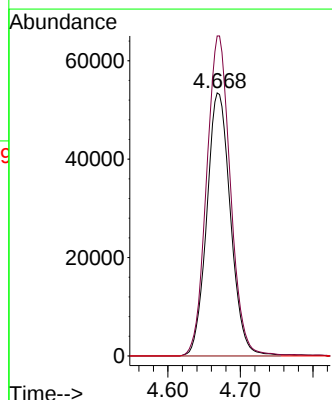
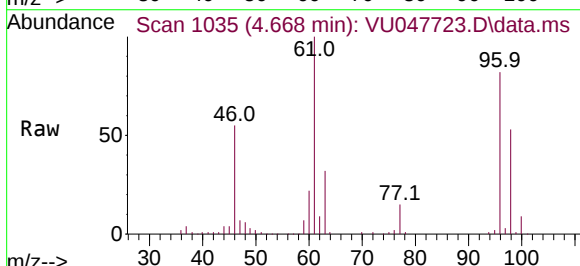
Tgt Ion: 96 Resp: 121579

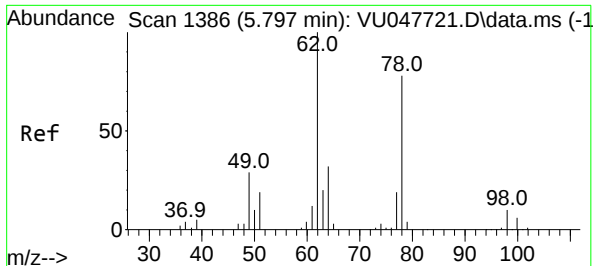
Ion Ratio Lower Upper

96 100

61 121.6 80.7 149.9

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.409 ug/L

RT: 5.800 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU047723.D

Acq: 28 Mar 2022 13:32

Instrument :

MSVOA_U

ClientSampleId :

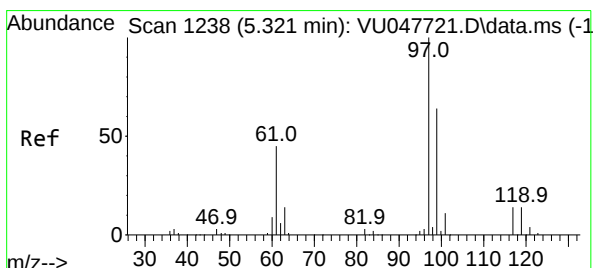
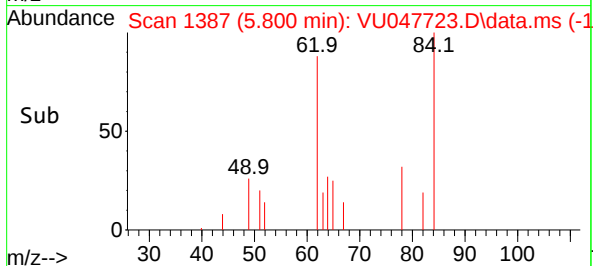
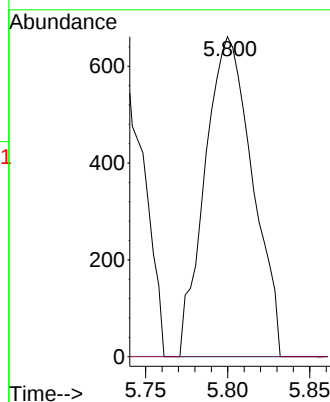
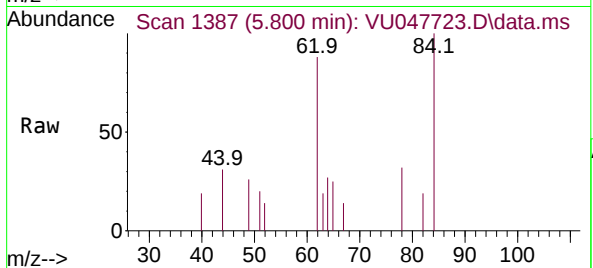
EW619DL

Tgt Ion: 62 Resp: 1331

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



#30

1,1,1-Trichloroethane

Concen: 2.195 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU047723.D

Acq: 28 Mar 2022 13:32

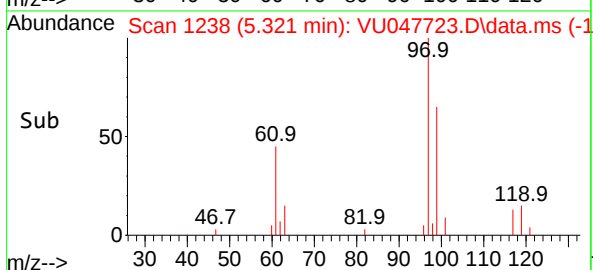
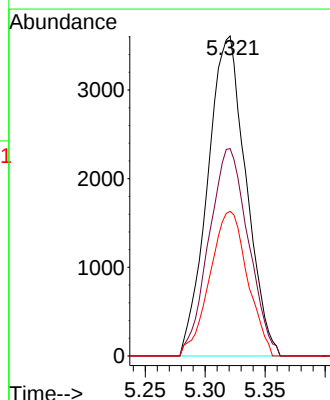
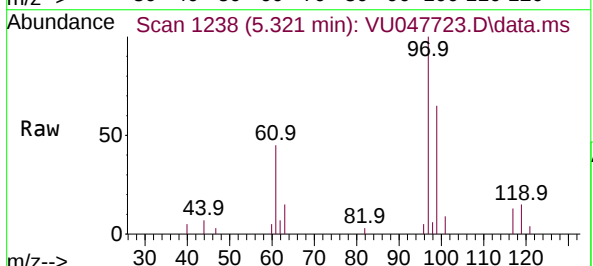
Tgt Ion: 97 Resp: 8025

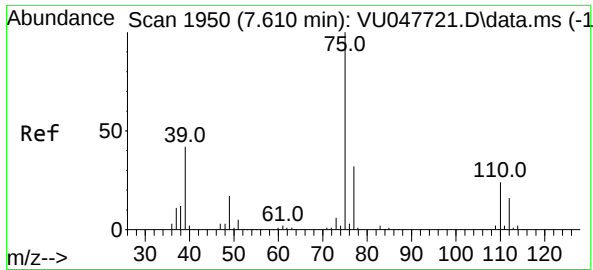
Ion Ratio Lower Upper

97 100

99 66.6 51.6 77.4

61 44.4 34.2 51.4





#39
 cis-1,3-Dichloropropene
 Concen: 0.784 ug/L
 RT: 7.571 min Scan# 19
 Delta R.T. -0.039 min
 Lab File: VU047723.D
 Acq: 28 Mar 2022 13:32

Instrument :
 MSVOA_U
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Tgt Ion: 75 Resp: 2886
 Ion Ratio Lower Upper
 75 100
 77 47.5 21.8 40.6#

